



Faculty of Business, Economics and Statistics

Research Report 2015

Faculty of Business, Economics and Statistics Research Report 2015

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Introduction

Foreword



Jean-Robert Tyran Vice-Dean

This report documents the achievements of the Faculty of Business, Economics and Statistics in the calendar year 2015. It demonstrates our excellent standing among research institutions in the German-speaking area and beyond, and it explains our plans for further improvement

Our research is diverse and covers a broad range of topics. Our experts contribute to understanding issues from routing problems in logistics to explaining patterns of international trade and globalization, from how consumers are influenced by marketing activities to the determinants of business cycles and growth, from risk taking in financial markets to devising policies for combatting environmental pollution, from developing statistical tools for analyzing big data to controlled behavioral experiments.

The report is structured as follows. The Executive Summary provides a concise overview over the key facts concerning research at our Faculty. The first part of the report is titled Meet the Faculty. It explains who we are and what themes we address in research.

The second part provides a detailed documentation of what we have achieved in 2015. It lists our publications, names the junior researchers we have trained, and mentions some of the services we provide to the profession. The faculty provides an attractive platform for fellow researchers from all over the world to visit and discuss recent results and developments in the field. The numerous seminar series, workshops and conferences we have organized testify to our attractiveness and our role as a hotbed of research.

External funding is an important driver of our research. We have been increasingly successful in acquiring external funding over the past years. The list of ongoing externally funded research projects in this report is impressive and promising. Yet, the list can only provide an incomplete impression of our ongoing research because many of the research projects we work on are funded from internal sources or do not require external funding at all.

The third part of this report briefly describes a set of measures to promote research. These measures include efforts in improving the way we present ourselves to the world and to the scientific community in particular. These measures do not only aim at improving the material and organizational conditions for research, they also aim at creating an atmosphere of esteem and appreciation for those who contribute to our excellent standing in the research community. A key emphasis of our measures is centered on our junior faculty. We hope many of them will turn out to be rising stars, and we think it is our obligation to enable them to shine.

The appendix provides some documentation of the measures we have implemented or plan to implement in the near future.

We hope that the Research Report for the calendar year 2015 will prove to be interesting and trust that the articles and individual reports will be informative and enjoyable.

Executive Summary

Our Students - Figure 1

3400

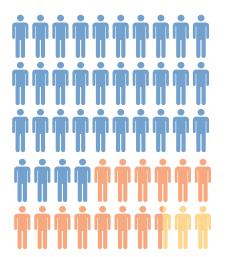
Bachelor Students

1400

Master Students

250

PhD Students



Source: Reporting System 2015, University of Vienna

Meet the Faculty

The core of our faculty consists of about 100 academics. About 50 of these are tenured faculty (professors and associate professors) and about 50 are non-tenured faculty (assistant professors and post-docs). In addition, we also host third-party funded personnel, junior researchers as well as teaching and research assistants. Many of the latter are employed on a part-time basis and all are on fixed-term contracts. Yet, they are essential to our teaching and research activities. Overall, our faculty is about 200 full-time equivalents (FTE) strong. We represent our core faculty whenever possible with a photograph and we showcase our most promising and successful junior researchers with a short portrait.

The key organizational units of the faculty are the departments and centers: Business, Economics, Statistics and Operations Research, Finance, Business Law, Economic Sociology, Experimental Economics, and Business Languages. Most operative decisions are decentralized and made within departments and centers.

We teach about 5000 students, of which about 3400 are students at the bachelor level, about 1400 are at the master level, and about 250 are graduate students on their way to earning a doctoral degree.

Achievements 2015

Research at our faculty is diverse and covers vast ground. We group our research into five broad themes: Individuals and Behavior, Changing Markets and Institutions, Corporate Strategies and Processes, Management of Resources, and Statistics and Risk Analysis.

Our research is documented in more than 200 publications that have appeared in print in the calendar year in 2015. Most of our research is published in learned journals but we also publish monographs, contribute to collected volumes, handbooks and the like. We are particularly proud to regularly publish in the profession's leading journals. We used bibliometric measures to identify the top journals in the core scientific disciplines we contribute to. In 2015, we published 202 articles in high-profile journals, 22 of which in top journals (so-called category 1 journals).

We achieve an important goal when we succeed in passing our knowledge on to the next generation. In 2015, 17 PhD students completed their thesis and four colleagues earned the venia docendi which means that we believe they are ready to take on the responsibilities of a professorship.

External funding is important for at least two reasons. It is an essential driver of much of our research as it provides valuable inputs to make new discoveries. External funding allows us to hire extra personnel, buy data, run experiments, establish networks of collaboration abroad, etc. However, external funding can also be seen as a token of recognition for our work by the funding agencies. The ability to attract external funding thus testifies to the recognition of the competence, ambition and vision of our faculty members by external referees. The external funding raised by our faculty members totals about \in 2.7 mio. in 2015, up from about \in 2.5 mio. in 2014 and about \in 1.5 mio. in 2013. Our main sources of revenue are the Austrian Science Foundation, the European Union and the Austrian National Bank.

While planning, executing and publishing research consumes much of our time and energy, we also strive to disseminate our insights to the

general public, advise practitioners in the private and public sector, and contribute to public debate. This report can only give a small glimpse of the myriad of activities (like giving interviews and doing consulting) we are engaged in.

We are proud to attract some of the world's leading scientists to visit our faculty. In 2015, we hosted 9 visiting professors, 14 long-term guests, and 576 short-term visitors. Many of these visitors presented their recent and ongoing research in one of our 12 seminar series, some engaged in discussion and exchange of ideas at the 15 workshops and conferences we organized in 2015. Faculty members have also devoted much of their time and energy to administration of their departments, the faculty and other (internal and external) institutions. They have thus helped to provide the necessary infrastructure and organizational framework for successful research. Many of us have extensively served as referees and editors because we believe that participating in the scientific discourse is one of our key duties and that it is essential for progressing in our research.

Promoting Research

The current faculty board has made the promotion of research one of its key priorities. The board has proposed a set of ten measures which have received approval and support by the rectorate in 2014. These activities range from improving our visibility to providing incentives to publish in top journals. Several measures aim at promoting our junior faculty. For example, we have developed a Small Grants Program and a Young Investigator Award. Both are intended to encourage juniors to take first steps into becoming independent researchers. Some of these measures have already been implemented, others are still being developed, as we report below.

Research is a top priority at our faculty not only because it is important for its own sake but also because it is a key input into our teaching. We believe that top-notch education must be research-based at all levels.

Our Faculty

Organization of the Faculty
Our Experts
Up and Coming
Visiting Researchers & Guests

Our Research Themes

Individuals and Behavior Changing Markets and Institutions Corporate Strategies and Processes Management of Resources Statistics and Risk Analysis

PART 01



Our Faculty

This section of the report presents the organization of our faculty in terms of academic departments, centers and divisions, and names the people who were responsible for leading these units.

In the end, organizations are all about people. Section We therefore present our experts in terms of tenured faculty (professors and associate professors), non-tenured faculty (assistant professors, post-doctoral researchers), and our visitors. We also showcase our "up and coming" junior faculty, i.e. non-tenured researchers who have had outstanding publication success. We proceed by listing our visiting professors, guest researchers, seminar speakers etc. Finally, we present the research themes we address.

Organization of the Faculty

The figure below presents the organization of our faculty and its leadership. The top part of the figure shows the faculty board. The dean leads the faculty and represents it to the outside world, the vice-deans are in charge of particular domains (research, teaching) and make important decisions in agreement with the dean.

The directors of studies organize and administrate the study plans for the respective levels of education. The departments and centers are the key organizational units of the faculty. Most operative decisions are decent-

ralized and made within departments.

Our Experts

Measured by head-counts, our faculty hosts about 100 academics: about 50 tenured faculty (professors and associate professors) and about 50 non-tenured faculty. However, measured by full-time equivalents, we are only about 80 "units" (so-called full-time-equivalents, FTE) strong. Our core faculty (tenured and non-tenured), is supported by many external colleagues, tutors, research and teaching assistants. In addition, we have some (mainly post-doc) positions dedicated exclusively to research. In total, the faculty employs about 200 FTE, see figure 3.

This section is organized as follows. We first list tenured faculty that has left us (e.g. to take up positions elsewhere or due to retirement) and tenured faculty that has joined us (e.g. due to promotion or hiring) in 2015. We then list our tenured and non-tenured faculty who have been with us in all of 2015.

Incoming Tenured Faculty

There were no incoming tenured faculty in 2015.

Leaving Tenured Faculty

Jörg Finsinger served as a chair of Financial Services and Public Utility Management since 1990. He retired from

Organigram of the Faculty - Figure 2

Faculty Board

Dean

Oliver Fabel

Vice-Deans

Gyöngyi Loranth Jean-Robert Tyran

Directors of Studies

Bachelor/Master Programs

Michaela Schaffhauser-Linzatti

Doctoral Programs

Udo Wagner

Department / Center / Division

Business Administration

Otto Altenburger

Economics

Wieland Müller

Statistics and Operations Research

Hannes Leeb

Finance

Andrea Gaunersdorfer

Business Law

Arthur Weilinger

Economic Sociology

Bernhard Kittel

Vienna Center for Experimental Economics

Jean-Robert Tyran

Division of Business Languages

Maria Ascher-Corsetti

Source: Reporting System 2015, University of Vienna

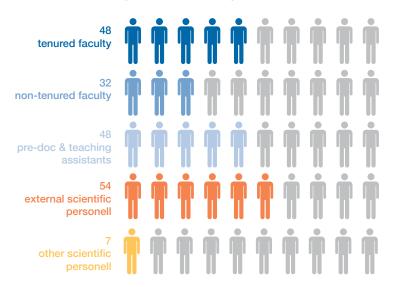
his chair in November 2015.

He was nominated as academic head of Modul University Dubai. We congratulate! He continues to support his students from his office in Dubai.

Karl Milford has been associate professor at the Department of Economics since 1994. He is a renowned spe-

cialist in the Methodology of Economics and has taught extensively in the history of economic thought and related fields. He officially retired in September 2015 but continues teaching some classes until we find a suitable replacement. We thank Karl Milford for his continued support of the faculty.

Research and Teaching Personnel (FTE) - Figure 3



Source: Reporting System 2015, University of Vienna

Tenured Faculty

The following pages list our academic personnel on permanent contracts alphabetically by last name. Below each name, we indicate the academic rank, i.e. (full) professor or associate professor, the department(s) the person is assigned to, the (up to two) research themes (see bottom of page for a legend), and the main field of research.



Altenburger, Otto Professor Business Themes: CMI, MR

Field: Accounting

Ania Martinez, Ana Begona Associate Prof. Business Themes: CMI, MR

Field: Accounting



Auer-Srnka, Katharina Associate Prof. Business (on leave)

Themes: IB, CMI Field: Marketing



Blaschke, Sabine Associate Prof. Economic Sociology

Themes: IB, CMI Field: Economic Sociology



Bomze, Immanuel Professor ISOR

Themes: CSP, MR Field: Operations Research, Statistics



Borrmann, Jörg Associate Prof. Finance

Themes: CMI, MR Field: Finance



Brazda, Johann Associate Prof. Business

Themes: CSP, CMI Field: Cooperatives



Cunat, Alejandro Professor Economics

Themes: CMI, IB Field: International Economics



Diamantopoulos, Adamantios Professor Business

Themes: IB, CMI Field: Marketing



Dörner, Karl Professor Business

Themes: IB, CSP Field: Operations Management

IB = Individuals and Behavior CMI = Changing Markets and Institutions

CSP = Corporate Strategies and Processes



Fabel, Oliver Professor Business Themes: IB, CSP Field: Personnel Management



Gaunersdorfer, Andrea Associate Prof. Finance Themes: CMI, SRA Field: Finance



Gehrig, Thomas Professor Finance Themes: CMI, SRA Field: Finance



Gehrig-Merz, Monika Professor Economics Themes: CMI Field: Macroeconomics



Gutjahr, Walter Professor ISOR Themes: SRA, IB Field: Operations Management



Hartl, Richard Professor Business Themes: CSP, MR Field: Operations Management



Hautsch, Nikolaus Professor ISOR Themes: SRA, CMI Field: Finance



Professor Business Themes: CSP, MR Field: Technology Management



Janssen, Maarten Professor Economics Themes: CMI, CSP Field: Microeconomics



Keber, Christian Associate Prof. Finance Themes: CMI, SRA Field: Finance



Kittel, Bernhard Professor Economic Sociology Themes: IB, CMI Field: Economic Sociology



Klein, Irene Associate Prof. ISOR Themes: SRA, CMI Field: Mathematical Finance

IB = Individuals and Behavior CMI = Changing Markets and Institutions CSP = Corporate Strategies and Processes



Kunst, Robert Professor Economics Themes: SRA, CMI Field: Macroeconomics



Lechner, Eduard Professor Law Themes: IB, CSP Field: Law



Leeb, Hannes Professor ISOR Themes: SRA Field: Statistics



Ljubic, Ivana Associate Prof. ISOR (on leave) Themes: MR, CSP Field: Statistics



Lóránth, Gyöngyi Professor Finance Themes: CSP, CMI Field: Finance



Müller, Wieland Professor VCEE/Economics Themes: IB, CMI

Field: Microeconomics



Associate Prof. Business
Themes: MR, CMI
Field: Technology Management



Pfeiffer, Thomas Professor Business Themes: CSP, MR Field: Accounting



Pflug, Georg Professor ISOR Themes: SRA, CMI Field: Risk Management



Podczeck, Konrad Associate Prof. Economics Themes: CMI, IB

Field: Microeconomics



Professor ISOR
Themes: SRA
Field: Statistics, Econometrics



Raffer, Kunibert Associate Prof. Economics Themes: CMI, IB Field: Development Economics

IB = Individuals and Behavior CMI = Changing Markets and Institutions CSP = Corporate Strategies and Processes



Rauner, Marion Associate Prof. Business Themes: CSP, MR Field: Technology Management



Reisinger, Heribert Associate Prof. Business Themes: IB, CMI Field: Marketing



Reitzig, Markus Professor Business Themes: CSP, CMI Field: Strategic Management



Reschenhofer, Erhard Associate Prof. ISOR Themes: SRA Field: Statistics



Schachinger, Werner Associate Prof. ISOR Themes: SRA, MR Field: Statistics



Schaffhauser-Linzatti, Michaela Associate Prof. Business Themes: CMI, MR Field: Accounting



Schlag, Karl Professor Economics Themes: CMI, IB Field: Microeconomics



Schmidt-Dengler, Philipp Professor Economics Themes: CMI, IB Field: Microeconomics



Sorger, Gerhard Professor Economics Themes: CMI, MR Field: Macroeconomics



Strauß, Christine Associate Prof. Business Themes: CMI, CSP Field: Management



Tyran, Jean-Robert Professor VCEE/Economics Themes: CMI, IB Field: Public Economics



Vetschera, Rudolf Professor Business Themes: CSP, MR Field: Organization

IB = Individuals and Behavior CMI = Changing Markets and Institutions CSP = Corporate Strategies and Processes



Wagner, Udo Professor Business Themes: IB, CMI

Field: Marketing



Weilinger, Arthur Professor Law Themes: IB, CSP Field: Law

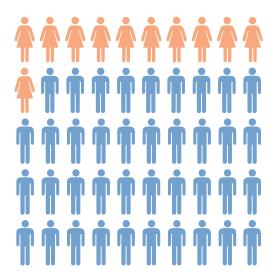


Windsperger, Josef Associate Prof. Business Themes: CSP, MR Field: Organization



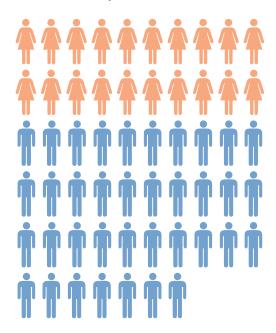
Wirl, Franz Professor Business Themes: MR, CMI Field: Technology Management

Faculty by Gender - Figure 4
Tenured Faculty



Source: University of Vienna, 2015

Non-Tenured Faculty



IB = Individuals and Behavior CMI = Changing Markets and Institutions CSP = Corporate Strategies and Processes

Non-Tenured Faculty

This page lists our academic personnel on non-permanent contracts, i.e. post-docs and assistant professors. We list personnel funded by regular university resources as well as externally funded personnel alphabetically by last name. We mark people who have not been with us all year in 2015 with "joining" and "leaving" respectively.

We indicate the department the person is assigned to in parentheses.

Bachoc, Francois (Statistics & OR, leaving)

Bom, Pedro (Economics, leaving)

Braune, Roland (Business)

Cebiroglu, Gökhan (Statistics & OR)

Egorov, Yury (Business)

Gansterer, Margaretha (Business)

Garaus, Marion (Business)

Garcia, Daniel (Economics)

Goni-Trafach, Marc (Economics)

Grafeneder-Weissteiner, Theresa (Economics)

Griessmair, Michele (Business)

Halkias, Georgios (Business)

Hoppichler, Franz (Business)

Iannino, Maria Chiara (Finance)

Ivanova, Natalia Milkova (Finance)

Jell-Ojobor, Maria (Business)

Jiang, Ming-Jin (Finance)

Kartal, Melis (Economics)

Keck, Steffen (Business)

Kiechle, Günter (Business)

Lancia, Francesco (Economics)

Leitner, Markus (Statistics & OR)

Löffler, Clemens (Business)

Mariathasan, Mike (Finance)

Morchio, Iacopo (Economics, joining)

Mühlböck, Monika (Economic Sociology)

Parragh, Sophie (Business)

Pfister, Patrick (Business Law)

Pichler, Paul (Economics)

Pötz, Katharina Anna (Business)

Preinerstorfer, David (Statistics & OR)

Powell, Owen (Experimental Economics)

Prunbauer, Lucas (Business Law)

Rachinger, Heiko (Economics)

Riefler, Petra (Business)

Romauch, Martin (Business)

Ruthmair, Mario (Statistics & OR)

Schilde, Michael (Business)

Senitschnig, Nina (Statistics & OR)

Sherman, Joshua (Economics)

Shestakova, Natalia (Economics)

Sichtmann, Christina (Business)

Sinnl, Markus (Statistics & OR)

Sonntag, Axel (Experimental Economics, joining)

Sopp, Karina (Business)

Steiber, Nadia (Economic Sociology)

Teteryatnikova, Mariya (Economics)

Tremewan, James (Economics)

Tricoire, Fabien (Business)

Tsur, Matan (Economics)

Unger, Stephan (Finance)

Walsh, Christopher (Statistics & OR)

Wick, Katharina (Economics)

Widhalm, Christian (Business Law)

Wrzaczek, Stefan (Business)

Zhang, Yingchao (Business)

Zhuk, Sergey (Finance)

Up and Coming

This section showcases our most promising and successful junior (i.e. non-tenured) faculty in alphabetical order. The criterion for inclusion is that the person has been extraordinarily successful in publishing in top journals according to the Faculty Journal List.*



Kartal, Melis

joined us in 2012, after having received her PhD from New York University (NYU). Melis was born and raised in Istanbul, where she also studied Business Administration (Bogazici University).

Her research interests lie in the intersection of experimental economics, political economy, and game theory. For example, she investigates how different voting institutions affect voter turnout and social welfare.

"My aim is to combine the analysis of social and political institutions with a rigorous economic and experimental approach. This method will enable me to obtain scientifically sound answers to important economic questions."

Selected publications:

A Comparative Welfare Analysis of Electoral Systems with Endogenous Turnout. *Economic Journal*, 125(587): 1369-1392, 2015.

Laboratory Elections with Endogenous Turnout: Proportional Representation versus Majoritarian Rule. *Experimental Economics*, 18(3): 366-384, 2015.



Keck, Steffen

joined us in 2014 after his post doc at Carnegie Mellon University (USA). He received his PhD from INSEAD (France).

His research interests lie in strategic management, in particular in group decision making. He studies how the direct interaction between members of small groups affect their emotions, judgments and attitudes towards uncertainty. Steffen's work aims to provide basic insights for further research on behavioral strategy and organizational design.

"The goal of my research is to identify under what circumstances interacting groups may outperform individual decision makers and simple aggregation rules. Based on these findings I attempt to explain why decision making in organizations is frequently suboptimal, and why organizations often fundamentally differ from each other with respect to their strategic decisions."

Selected publications:

Group Reactions to Dishonesty. *Organizational Behavior* and *Human Decision Processes*, 124/1, 1-10, 2014.

Does Competition Foster Trust? The Role of Tournament Incentives (with Karelaia, N.). *Experimental Economics*, 15/1, 204-228, 2012.



Parragh, Sophie

joined us in 2011. She holds a PhD in Management from the University of Vienna. As a post doc, Sophie worked at the IBM Center for Advanced Studies in Porto and she was visiting professor at the Vienna University of Economics and Business (WU).

Her research interests lie in the development of optimization algorithms for combinatorial optimization problems, especially for vehicle routing problems with complex constraints and for problems involving several (conflicting) objectives.

"Quality of service, sustainability, employee satisfaction, they all have a price but it is often not clear what this price is. My aim is to develop powerful methods that optimize several objectives concurrently and return sets of compromise solutions. This allows to reveal the trade-off relationship between the different objectives and provides decision makers with important, otherwise hidden, information."

Selected Publications:

The Multi-Objective Generalized Consistent Vehicle Routing Problem (with Kovacs, A.A. & Hartl, R.F.). *European Journal of Operational Research* 247(2), 441-458, 2015.

The Dial-a-ride Problem with Split Requests and Profits (with Pinho de Sousa, J. & Almada-Lobo, B.). *Transportation Science*, 49(2), 311-334, 2015.

^{*} The person must have published papers "worth" at least 2.5 points (according to our faculty journal list, see appendix 1), where Category 1 publications count double. For example, a Category 1 paper with one co-author (= 2*1/2) or a single-authored Category 2 paper (= 1/1) or three Category 2 papers with two co-authors each (= 3*1/3) all count one point (forthcoming papers also count).



Pichler, Paul

joined us in 2014 from the Oesterreichische Nationalbank where he still holds a part time position as a research economist. He received his PhD from the University of Vienna in 2007. Paul's research interests are mainly at the intersection of macroeconomics and economic policy. For example, he investigates the sustainability of fiscal policy and government debt in dynamic models of optimal policy-making.

"My goal is to apply rigorous economic tools to the most policy-relevant questions today. In doing so, I try to provide a theoretical framework to scientifically evaluate different policy options."

Selected Publications:

Central Bank Independence and the Monetary Instrument Problem (with Niemann, S. & Sorger, G.). International Economic Review, 54(8), 1031-55, 2013.

Optimal Fiscal and Monetary Policies in the Face of Rare Disasters (with Niemann, S.). *European Economic Review*, 55(1), 75-92, 2011.

We are happy to report that two of the juniors who were listed in 2014 as "up and coming" have been successful on the job market and received offers from prestigious universities. We congratulate!

Ljubic, Ivana



has been promoted to associate professor at our faculty but has accepted to an offer from ESSEC Business School (France). Her research interests are in Computational Optimization, Mixed Integer Programming, Optimization under Uncertainty, Matheuristics.

Shelegia, Sandro



has accepted a position as an associate professor at the department of Economics and Business at the Universitat Pompeu Fabra. He is also an affiliated professor at the Barcelona Graduate School of Economics. His research interests are in industrial organization and applied game theory.

Visiting Researchers & Guests

We are proud to attract some of the world's leading scientists to visit our faculty. In 2015, we had 9 guest professors, 14 long-term guests, and 576 short-term visitors. The visiting professors had some sort of employment contract with us, the long-term guests stayed at least 5 working days with us, and the short-term visitors were often here for a day or two to exchange ideas or present a paper in a research seminar.

Guest Professors

Goeree, Jacob (Sydney UTS)

Hildebrandt, Lutz (Humboldt-Universität zu Berlin)

Kilgour, Marc (Wilfrid Laurier University)

Ko, Eunju (Yonsei University, Seoul)

Korinek, Anton (Johns Hopkins)

Lehar, Alfred (University of Calgary)

Spiegel, Yossef (Tel Aviv University)

Staudigl, Mathias (Maastricht University)

Weidenholzer, Simon (University of Essex)

Long-Term Guests

Archer Kevin (University of Denver)

Behrens, Doris (Cardiff University)

Brandeau, Margaret E. (Stanford University)

Dias, Luís C. (University of Coimbra)

Hopp, Christian (Aachen University)

Kort, Peter (Tilburg University)

Mandler, Timo (University of Hamburg)

Mariathasan Mike (University of Leuven)

Mykland, Per (University of Chicago)

Nam, Hyung Doo (Yonsei Law School)

Raman, Kalyan (Northwestern University)

Shambare, Richard (Tshwane University of Technology)

Vidal, Thibaut (Pontifical Catholic University of Rio de Janeiro)

Yang, Qing (Fudan University)

Short-Term Guests

Abou Nabout, Nadia (Vienna University of Economics and Business)

Absi, Nabil (Ecole des Mines de Saint-Etienne)

Adena, Maja (WZB Berlin Social Science Center)

Ahuja, Nitin (PTV Group)

Al Abdulsalam, Mohamad (Blaise Pascal University)

Albanesi, Stefania (FED NY)

Albers, Sönke (Kühne Logistics University)

Alexy, Oliver (Technical University of Munich)

Aliouche, E. Hachemi (University of New Hampshire)

AlQahtany, Mohammed Duliem (King Faisal University)

Altingne, Nesenur (Istanbul Bilgi University)

Álvarez, Martínez David (La Salle University)

Amaral, Paula A. (Universidade Nova de Lisboa)

Amatulli, Cesare (Luiss University)

Anagnostopoulou, Afroditi (Centre for Research and Technology Hellas)

A I I I A I A

Anderluh, Alexandra (Vienna University of Economics and Business)

Aoyama, Yuko (Clark University)

Archer Kevin (University of Denver)

Archetti, Claudia (University of Brescia)

Arslan, Alp (Rotterdam School of Management)

Arslanagic-Kalajdzic, Maja (University of Sarajevo)

Babutsidze, Zakaria (SKEMA Business School & OFCE Sciences Po)

Bacher, Christopher (Vienna University of Technology)

Backus, Matthew R. (Cornell University)

Balabanis, George (Cass Business School London)

Baraud, Yannick (Laboratoire J. A. Dieudonné)

Barbic, Frano (Polytechnic University of Milan)

Barbopoulos, Leonidas (University of St. Andrews)

Barbosa, Anna Leticia (IAG-Business School PUC-Rio)

Bassetto, Marco (University College London)

Batta, Rajan (University at Buffalo, SUNY)

Baumann, Oliver (University of Southern Denmark)

Bayer, Christian (University of Bonn)

Behrens, Doris (Cardiff University)

Bektas, Tolga (University of Southampton)

Belenky, Alexander (National Research University Hig-

her School of Economics)

Belgin, Onder (Gazi University)

Belgraver, Herman (Queen's University of Belfast)

Bell, Abraham (Bar Ilan University)

Belloso, Javier (University of Navarra)

Belo, Frederico (University of Minnesota)

Ben Ismail, Sahbi (Télécom Bretagne)

Benkenstein, Martin (University of Rostock)

Berger, Ulrich (Vienna University of Economics and

Business)

Bertea, Patricea Elena (Alexandru Ioan Cuza University)

Bertrand, Olivier (SKEMA Business School)

Bigoni, Maria (University of Bologna)

Birnstingl, Johanna (Demmers Teehaus)

Bismans, Francis (University of Lorraine)

Böckem, Sabine (University of Basel)

Bodlaj, Mateja (University of Ljubljana)

Böhler, Christian (Institute for Prospective Technological Studies)

Bohlmann, Clarissa (University of Groningen)

Bouzid, Sofiane (The French National Centre for Scientific Research)

Bozkaya, Burcin (Sabanci University)

Braekers, Kris (Hasselt University)

Brandeau, Margaret E. (Stanford University)

Brandenburger, Adam (New York University)

Branke, Jürgen (University of Warwick)

Brecic, Ruzica (University of Zagreb)

Breda, Kyle (University of Western Cape)

Brinkmann, Jan (Braunschweig University of Technology)

Brusoni, Stefano (ETH Zurich)

Buer, Tobias (University of Bremen)

Burkart, Christian (Vienna University of Economics and Business)

Burlina, Chiara (University of Padova)

Büschken, Joachim (University of Eichstätt-Ingolstadt)

Buschmann, Christian (University of Frankfurt)

Buser, Thomas (University of Amsterdam)

Bushman, Robert (University of North Carolina at Chapel Hill)

Busse, Martin (Brandenburg University of Technology)

Buxbaum, Franz (RHI AG)

Čalopa, Marina Klačmer (University of Zagreb)

Calvete, Herminia I. (University of Zaragoza)

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Our Research Themes

Research at our faculty is diverse and covers a vast ground. Our research is subdivided into five broad themes which we briefly describe below.

Individuals and Behavior

Modeling human behavior as if it resulted from conscious optimization by agents with well-defined goals and motives is convenient and powerful. However, such modeling often turns out to be overly simplistic and too narrow to provide a good understanding of how consumers, workers, or management in fact behave. We use experimental methods to test when the standard model is adequate. And when we find it is not, we develop behavioral theory to account for human error, fear, greed, and judgmental bias. Such an approach benefits research from "behavioral finance" to marketing, personnel, strategy, organization, and economic sociology.

Changing Markets and Institutions

What is the best way to organize economic activity? And, conversely, how are economic outcomes - in markets, in an industry, a country or even in the global economy - shaped by particular governance structures, institutions and policies?

For example, how does one design auctions or specific markets to match supply and demand effectively? How can we use the tax system to provide incentives to preserve our environment? How should labor market institutions in a country like Austria be adapted to cope with migration flows or demographic transformation? What is the best way to regulate the banking sector to limit systemic risks and prevent bubbles in financial markets? The fields concerned with these issues are mainly within economics (micro, macro, economic policy, political economy) but encompass also aspects of (corporate) finance and economic sociology.

Corporate Strategies and Processes

How should a firm adapt its organization to the digital age or react to disruptive innovation in financial services? What are the right incentives to motivate workers in a firm to co-operate amongst themselves and to serve the interests of customers and shareholders? Business management devises corporate structures and processes to effectively adapt to rapidly changing environmental conditions.

These responses concern different aspects of management: strategic management, technology and innovations management, accounting and control, personnel

management and organization, supply chain management and operations management. This theme is closely related to Changing Markets and Institutions, but here we address issues of governance and incentive structures from the perspective of a firm.

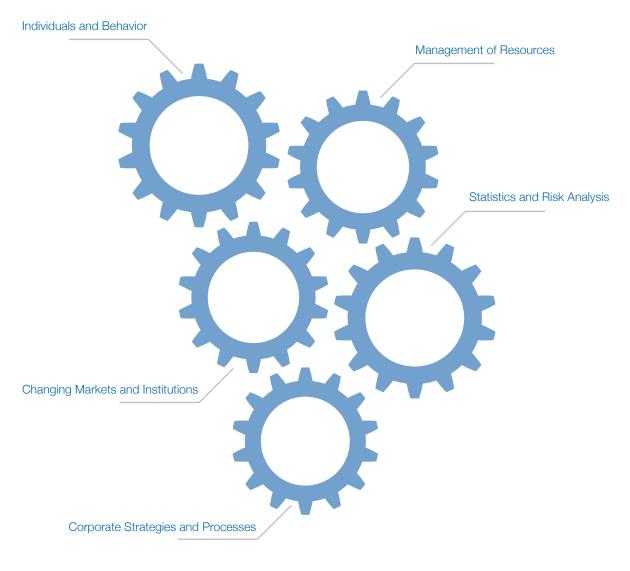
Management of Resources

Resources are the basic input and thus essential drivers of economic activity. Smart use of natural, human, financial, and informational resources is key for wellbeing, growth and development in an economy, as well as for the success of a firm. But disaster may loom when such resources are not managed efficiently. For example, at what point will non-sustainable use of natural resources backfire and hamper the development of a poor country? How does inequality in access to education shape the potential growth of a country? What kind of financial innovation will spur startups and innovative businesses? Various disciplines from management and economics contribute to this theme.

Statistics and Risk Analysis

"Big Data" has become available in almost all domains of the economy and society. How can we develop statistical methods to extract useful information from this data? The application of scientifically based methods is more important than ever. Risk analysis and management use various processes and methods to control uncertainties and risks. This kind of analytical modeling is critical for financial institutions, corporate finance as well as for logistics and operations management.

Our Research Themes - Figure 5



Publications

Category 1 Publications Category 2 Publications Other Journal Publications Other Publications Theses Completed

Editorial Work

Externally Funded Research Projects

Individuals and Behavior
Changing Markets and Institutions
Corporate Strategies and Processes
Management of Resources
Statistics and Risk Analysis
Externally Funded Graduate Schools

Dissemination of Research

Workshops and Conferences with International Scope and Participation Workshops and Conferences with National Scope and Participation Seminar Series In the Media

Rankings

Publication Based Rankings Citation Based Rankings

Special Events

Oskar-Morgenstern-Award

$\frac{\text{PART}}{02}$

Publications

This section reports on our research that has been published (in print) in the calendar year 2015. Most of our research is published in learned journals. In total, 151 articles were published in such journals. Journals are divided in three broad categories according to our Faculty Journal List (see page 96 for explanations).

Category 1 comprises the very top journals. Members of our faculty have published a total of 22 articles in such journals. Category 2 journals are excellent in the sense that they are among the top 25% of their fields or are named as very good in selected complementary lists (such as JourQual 2.1). We count 44 publications in such journals. Other journal articles (87 published) and other publications such as mono- graphs and contributions to collected volumes are listed below. We do not list working papers.

All lists in this section use an author-based logic. Publications with multiple in-house authors are listed multiple times. Publications are listed alphabetically by in-house author. For example, a publication by external author X and internal authors Y and Z is listed twice as "Y with X and Z" and "Z with X and Y". However, in the numerical representations like in figure 6, we count publications with multiple in-house authors only once.

Publications by Type and Category - Figure 6



Source: Research Documentation Program 2015, University of Vienna

Category 1 Publications

Bomze, I. & Overton, M. L. (2015). Narrowing the difficulty gap for the Celis-Dennis-Tapia problem. Mathematical Programming, 151(2), 459-476.	CSP, MR
Bomze, I. (2015). Copositive relaxation beats Lagrangian dual bounds in quadratically and linearly constrained QPs. SIAM Journal on Optimization, 25(3), 1249–1275.	CSP, MR
Bomze, I., Schachinger, W. & Ullrich, R. (2015). New lower bounds and asymptotics for the cp-rank. SIAM Journal on Matrix Analysis and Applications, 36(1), 20-37.	CSP, MR
Hartl, R. with Kovacs, A., Golden, B. & Parragh, S. (2015). The generalized consistent vehicle routing problem. Transportation Science, 49(4), 796-816.	- CSP, MR
Hautsch, N. with Schaumburg, J. & Schienle, M. (2015). Financial Network Systemic Risk Contributions. Review of Finance, 19(2), 685-738.	SRA
Janssen, M. & Roy, S. (2015). Competition, disclosure and signaling. Economic Journal, 125(582), 86-114.	IB, CMI
Janssen, M. & Shelegia, S. (2015). Consumer search and double marginalization. American Economic Review, 105(6), 168-1710.	IB, CMI
Kartal, M. (2015). A comparative welfare analysis of electoral systems with endogenous turnout. Economic Journal, 125(587), 1369-1392.	IB, CMI
Kovacs, A., Golden, B., Hartl, R. & Parragh, S. (2015). The generalized consistent vehicle routing problem. Transportation Science, 49(4), 796-816.	CPS, MR
Leeb, H., Pötscher, B. & Ewald, K. (2015). On various confidence intervals post-model-selection. Statistical Science, 30(2), 216-227.	SRA
lem:lem:lem:lem:lem:lem:lem:lem:lem:lem:	- SRA
$Ljubic, I.\ with\ Alvarez-Miranda, E.\ \&\ Fernandez, E.\ (2015).\ The\ recoverable\ robust\ facility\ location\ problem.\ Transportation\ research\ part\ b,\ 79,\ 93-120.$	MR
lem:lem:lem:lem:lem:lem:lem:lem:lem:lem:	· SRA
Parragh, S. with Hartl, R., Kovacs, A. & Golden, B. (2015). The generalized consistent vehicle routing problem. Transportation Science, 49(4), 796-816.	- CSP, MR
Parragh, S., Almada-Lobo, B. & Pinho de Sousa, J. (2015). The dial-a-ride problem with split requests and profits. Transportation Science, $49(2)$, $311 - 334$.	- SRA, MR
Pötscher, B. with Leeb, H. & Ewald, K. (2015). On various confidence intervals post-model-selection. Statistical Science, 30(2), 216-227.	, SRA
Reitzig, M. G. & Maciejovsky, B. (2015). Corporate hierarchy and vertical information flow within the firm - a behavioral view. Strategic Management Journal, $36(13)$ 1979-1999.	l CSP, IB
Schachinger, W. with Bomze, I. & Ullrich, R. (2015). New lower bounds and asymptotics for the cp-rank. SIAM Journal on Matrix Analysis and Applications, 36(1), 20-37.	CSP, MR
Shelegia, S. with Janssen, M. (2015). Consumer search and double marginalization. American Economic Review, 105(6) 1683-1710.), IB, CMI
Sherman, J., & Weiss, A. (2015). Price response, asymmetric information, and competition. Economic Journal, 125(589), 2077-2115.	IB, CMI
Sobolev, A. & Parakhonyak, A. (2015). Non-reservation price equilibria and search without priors. Economic Journal, 125(584), 887-909.	IB, CMI
Ullrich, R. with Bomze, I. & Schachinger, W. (2015). New lower bounds and asymptotics for the cp-rank. SIAM Journal on Matrix Analysis and Applications, 36(1), 20-37.	CSP, MR
Wrzaczek, S. with Kuhn, M., Prskawetz, A. & Feichtinger, G. (2015). Optimal choice of health and retirement in a life-cycle model. Journal of Economic Theory, 158, 186-212.	:- IB, MR

IB = Individuals and Behavior CMI = Changing Markets and Institutions CSP = Corporate Strategies and Processes

Category 2 Publications

	Braune, R. & Zäpfel, G. (2015). Shifting bottleneck scheduling for total weighted tardiness minimization - A computational evaluation of subproblem and re-optimization heuristics. Computers & Operations Research, 66, 130-140.					
Davvetas, V., Sichtmann, C. & Diamantopoulo willingness to pay. International Journal of R		dobalness on consumers'	IB			
Diamantopoulos, A. with Davvetas, V. & Sicht willingness to pay. International Journal of R		and globalness on consumers'	IB			
Dörner, K. F. with Bögl, M. & Parragh, S. (201: works (New York): an international journal,		oblem with transfers. Net-	CSP, MR			
Günther, M., Kiesling, E., Stummer, C. & Vetsch petitive market: An agent-based simulation a		• •	CSP, IB			
Gutjahr, W. (2015). Bi-objective multi-mode p Research, 246, 421-434.	project scheduling under risk aversion. Euro	pean Journal of Operational	MR, SRA			
Hartl, R. with Caulkins, J. P., Feichtinger, G., Grecession that freezes credit markets. Journa			CSP, MR			
Hartl, R. with Caulkins, J. P., Feichtinger, G., G. Journal of Economic Dynamics and Control, S.		ts in free end-time problems.	CSP, MR			
Hartl, R. with Kovacs, A. & Parragh, S. (2015) European Journal of Operational Research, 2		vehicle routing problem.	CSP, MR			
Hautsch, N., Härdle, W. K. & Mihoci, A. (2015) Journal of Applied Econometrics, 30, 529-55		for high-frequency forecasts.	SRA			
Hautsch, N., Kyi, L. M. & Malec, P. (2015). Do l nal of Applied Econometrics, 30(2), 263-290		nal portfolio allocation? Jour-	SRA			
Kartal, M. (2015). Laboratory elections with rule. Experimental Economics, 18(3), 366-38		ation versus majoritarian	IB, CMI			
Kiesling, E. with Günther, M., Stummer, C. & V competitive market: An agent-based simulat			CSP, IB			
Kovacs, A., Parragh, S. & Hartl, R. (2015). The Journal of Operational Research, 247(2), 441		cle routing problem. European	CSP, MR			
Leitner, M., Ljubic, I. & Sinnl, M. (2015). A cor Steiner tree problem. INFORMS Journal on C		e bi-objective prize-collecting	SRA			
Ljubic, I. with Álvarez-Miranda, E., Raghavan, Problem. INFORMS Journal on Computing, 2		t Two-Level Network Design	MR			
Ljubic, I. with Leitner, M. & Sinnl, M. (2015). lecting Steiner tree problem. INFORMS Journ		or the bi-objective prize-col-	SRA			
Ljubic, I., Raghavan, S., & Chen, S. (2015). The ting, 27(2), 204-220.	e generalized regenerator location problem.	NFORMS Journal on Compu-	CSP, MR			
Löffler, C. with Arya, A. & Mittendorf, B. & Pfe problems. European Journal of Operational F		for supply chain coordination				
Löffler, C. with Dockner, E. J. (2015). Rivalry is Strategy, 24(1), 189-209.	restraint as equilibrium behavior. Journal of l	Economics and Management				
Parragh, S. with Dörner, K. F. & Bögl, M. (201) works (New York): an international journal,		oblem with transfers. Net-	CSP, MR			
Parragh, S. with Kovacs, A. & Hartl, R. (2015) European Journal of Operational Research, 2		vehicle routing problem.	CSP, MR			
Pfeiffer, T. with Arya, A., Löffler, C. & Mittendo problems. European Journal of Operational F		or supply chain coordination	MR, CSP			
Pfeiffer, T. with Johnson, E. & Johnson, N. B. (2015). Dual transfer pricing with internal and external trade. Review of Accounting Studies, 21(1) 140-164.						
	CSP = Corporate Strategies and Processes MR = Management of Resources	SRA = Statistics and Risk Analysi	s			

Pflug, G. with Timonina, A., Hochrainer-Stigler, S., Jongmann, B. & Rojas, R. (2015). Structured coupling of probability loss distributions: Assessing joint flood risk in multiple river basins. Risk Analysis: an international journal, 35(11), 2012-2119.	SRA
Podczeck, K. & Greinecker, M. (2015). Purification and roulette wheels. Economic Theory, 58(2), 255-272.	IB
Pötscher, B. with Preinerstorfer, D. (2015). On the power of invariant tests for hypotheses on a covariance matrix. Economic Theory, 1-68.	SRA
Preinerstorfer, D. & Pötscher, B. (2015). On the power of invariant tests for hypotheses on a covariance matrix. Economic Theory, 1-68.	SRA
Rachinger, H. with Tsai, H. & Lin, E. M. H. (2015). Inference of seasonal long-memory time series with measurement error. Scandinavian Journal of Statistics, 42(1), 137-154.	SRA
Riefler, P. with Grinstein, A. (2015). Citizens of the (green) world? Cosmopolitan orientation and sustainability. Journal of International Business Studies, $46(6)$, $694-714$.	IB, CMI
Romauch, M. & Klemmt, A. (2015). Product mix optimization for a semiconductor fab: Modeling approaches and decomposition techniques. Computers & OR, 53, 338-352.	MR
Schlag, K., Tremewan, J. & van der Weele, J. (2015). A penny for your thoughts: a survey of methods for eliciting beliefs. Experimental Economics, 18(3), 457-490.	IB
Seidl, A. with Caulkins, J. P., Feichtinger, G., Grass, D. Hartl, R. & Kort, P. (2015). Capital stock management during a recession that freezes credit markets. Journal of Economic Behavior & Organization, 116(1), 1-14.	CSP, MR
Seidl, A. with Caulkins, J. P., Feichtinger, G., Grass, D., Hartl, R. & Kort, P. (2015). Skiba points in free end-time problems. Journal of Economic Dynamics and Control, 51(4), 404-419.	CSP, MR
Seidl, A., Edward H., K., Caulkins, J. P., Wrzaczek, S. & Feichtinger, G. (2015). Optimal control of a terror queue. European Journal of Operational Research, 248(1), 246-256.	IB, CSP
Sichtmann, C. with Davvetas, V. & Diamantopoulos, A. (2015). The impact of perceived brand globalness on consumers' willingness to pay. International Journal of Research in Marketing, 32(4), 431-434.	IB
Sinnl, M. with Leitner, M. & Ljubic, I. (2015). A computational study of exact approaches for the bi-objective prize-collecting Steiner tree problem. INFORMS Journal on Computing, 27(1), 118-134.	SRA
Sonntag, A. (2015). Search costs and adaptive consumers: Short time delays do not affect choice quality. Journal of Economic Behavior & Organization, 113, 64-79.	IB
Steiber, N. with Bordone, V. & Scherbov, S. (2015). Smarter every day: The deceleration of population ageing in terms of cognition. Intelligence, 52, 90-96.	IB
Stummer, C. with Günther, M., Kiesling, E. & Vetschera, R. (2015). Innovation diffusion of repeat purchase products in a competitive market: An agent-based simulation approach. European Journal of Operational Research, 245, 157-167.	CSP, IB
Tremewan, J. with Schlag, K. & van der Weele, J. (2015). A penny for your thoughts: a survey of methods for eliciting beliefs. Experimental Economics, 18(3), 457-490.	IB
Tremewan, J., Le Coq, C. & Wagner, A. K. (2015). On the effects of group identity in strategic environments. European Economic Review, 76, 239-252.	IB, CMI
Tyran, JR. with Kamei, K. & Putterman, L. (2015). State or nature? Endogenous formal vs. informal sanctions in the voluntary provision of public goods, Experimental Economics, 18(1), 38-65.	IB, CMI
Vetschera, R. with Günther, M., Kiesling, E. & Stummer, C. (2015). Innovation diffusion of repeat purchase products in a competitive market: An agent-based simulation approach. European Journal of Operational Research, 245, 157-167.	CSP, IB
Wagner, A. K. with Tremewan, J. & Le Coq, C. (2015). On the effects of group identity in strategic environments. European Economic Review, 76, 239-252.	IB, CMI
Wirl, F. (2015). White certificates - energy efficiency programs under private information of consumers. Energy Economics, 49, 1-726.	CSP, MR
Wrzaczek, S., Seidl, A., Edward H., K., Caulkins, J. P. & Feichtinger, G. (2015). Optimal control of a terror queue. European Journal of Operational Research, 248(1), 246-256.	IB, CSP
Wrzaczek, S. with Kort, P. (2015). Optimal firm growth under the threat of entry. European Journal of Operational Research, 246(1), 281-292.	CSP, MR

IB = Individuals and Behavior CMI = Changing Markets and Institutions CSP = Corporate Strategies and Processes MR = Management of Resources

SRA = Statistics and Risk Analysis

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Bomze, I. & Amaral, P. (2015). Copositivity-based approximations for mixed-integer fractional quadratic optimization. Pacific Journal of Optimization, 11(2), 225-238.

Bomze, I. M., with Shaked-Monderer, N., Berman, A., Jarre, F. & Schachinger, W. (2015). New results on the cp rank and related properties of co(mpletely) positive matrices. Linear and Multilinear Algebra, 63(2), 384-396.

Bomze, I., Dickinson, P.J.C., & Still, G. (2015). The structure of completely positive matrices according to their CP-rank and CP-plusrank. In Linear Algebra and its Applications 482, 191-206.

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Kittel, B. with Neuhofer, S. & Reindl, I. (2015). Social Exchange Networks: A Review of Experimental Studies, Connections 35(2), 35-51.

Kritzinger, S., Dörner, K. F., Tricoire, F. & Hartl, R. (2015). Adaptive search techniques for problems in vehicle routing, part I: A survey. Yugoslav Journal of Operations Research, 25(1), 3-31.

Kritzinger, S., Dörner, K. F., Tricoire, F. & Hartl, R. (2015). Adaptive search techniques for problems in vehicle routing, Part II: A numerical comparison. Yugoslav Journal of Operations Research, 25(2), 169-184.

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nomics: a quarterly journal of the Institute for Advanced Studies, Vienna, 49(1), 363-387.

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Rauner, M., Mayer, B., & Schaffhauser-Linzatti, M. (2015). Prävention von Arbeitsunfällen die Hände betreffend: Arbeitsunfallfolgekostenberechnung bei der Allgemeinen Unfallversicherungsanstalt (AUVA). Handchirurgie - Mikrochirurgie - Plastische Chirurgie, 47(04), 228-234.

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Theses Completed

Our PhD education offers training and supervision that allows students to acquire knowledge and skills necessary for a research-oriented career in the core fields of our faculty. After successful completion of the PhD program, students should be able to carry out independent research. We congratulate the 17 PhD students who completed their thesis. We proudly announce that four scholars have received the Venia Docendi: Harald Fadin-

ger in Economics, Alois Pichler in Financial and Actuarial Mathematics and Clemens Löffler and Karina Sopp in Business Administration.

The Venia is awarded for outstanding scientific qualifications and testifies to the scholar's ability to hold lectures, teach and supervise students at all levels. The successful candidates have submitted a thesis that has been deemed methodologically sound, provides new scientific insights and demonstrates excellence in mastering the subject.

PhD

Name, First Name	Title	Supervisor
Bressan, Silvia	Three Essays on Financial Decisions: From Bank's Corporate Policies to Households'Portfolio Choice	Lóranth, Gyöngyi
Funovits, Bernd	Essays on Identifiability and Estimation in Multivariate Time Series Analysis	Pötscher, Benedikt & Deistler, Manfred
Galak, Oksana	Role of mutual identification in motivating employee's labor donations within employee-customer dyad	Vetschera, Rudolf
Hirschmann, David	Stochastic Modelling: Applications to Managerial Problems	Wirl, Franz
Honda, Jun	Essays on Markets with Search Frictions and Bandwagon Effect	Janssen, Maarten & Hofbauer, Josef
Hübl, Alexander	$Stochastics\ modelling\ in\ production\ planning\ -\ Methods\ for\ improvement\ and\ investigations\ on\ production\ system\ behaviour$	Hartl, Richard
Jansons, Sabrina-Isabel	Die Fremdüblichkeit im Ertragsteuerrecht der Höhe nach	Lechner, Eduard
Moosbeckhofer, Florian	$\operatorname{Zur} \operatorname{Zulassung}$ von Generika - Versuchsprivileg und Roche-Bolar-Regelung in Österreich	Weilinger, Arthur
Nell, Christopher	Essays on Charitable Giving	Kunst, Robert & Müller, Wieland
Preinerstorfer, David	$\label{thm:continuity} \mbox{Hypothesis Testing in Regression Models with Dependent Errors: Analytical Finite Sample Results.}$	Pötscher, Benedikt
Pützl, Florian	Technology and Market Structure in the Commercial Aircraft Industry	Wirl, Franz
Schnell, Alexander	An Application of Constraint Programming and Boolean Satistfiability Solving Tequniques to Variants of the Resource-Constraint Project Schduling Problem	Hartl, Richard
Sinnl, Markus	Bi-Objective Network Design	Ljubic, Ivana & Bomze, Immanuel
Six, Magdalena Maria	Essays on Decisions: The Impact of Information and Discounting	Wirl, Franz
Steinberger, Lukas	Statistical inference in high-dimensional linear regression based on simple working models	Leeb, Hannes
Stöllinger, Roman	Empirical Essays in International Economics	Cunat, Alejandro
Waldner, Florian	Three Essays on Business Model Innovation	Heidenberger, Kurt

Habilitations

Name, First Name	Title	Field
Fadinger, Harald	The impact of international trade and factor mobility on economic performance	Economics
Löffler, Clemens	Essays on: Decentralized Decision Making, Coordination, and Incentives	Business Administration
Pichler, Alois	Stochastic optimization and risk management, with applications in insurance and finance $$	Financial and Actuarial Mathematics
Sopp, Karina	XML-/XBRL-gestützte Übermittlung von Jahresabschlussdaten	Business Administration

Editorial Work

Numerous members of our faculty are engaged in editorial and publishing activities. In particular, many of our faculty members assume roles such as editor, associate editor, or member of the editorial board in learned journals. Time commitment varies widely across roles and journals. Being the editor-in-chief of a prestigious journal may come close to a full-time job while being associate editor a member of the editorial board may not require more than writing an occasional referee report.

The list below shows who served in which role for which journal. We do not list refereeing activities, as members of our faculty have most likely written several hundreds of these, and many of us served for prestigious journals.

Category 1 Journals

Editor-in-Chief, Co-Editor

• Econometric Theory: Pötscher, Benedikt

Associate Editor

- Journal of Business and Economic Statistics: Hautsch, Nikolaus
- Journal of Econometrics: Pötscher, Benedikt
- Journal of the European Economic Association: Schmidt-Dengler, Philipp
- Operations Research: Pflug, Georg
- Transportation Science: Hartl, Richard

Editorial Board

- Organization Science: Reitzig, Markus
- Review of Economic Studies: Schmidt-Dengler, Philipp
- Strategic Management Journal: Reitzig, Markus

Category 2 Journals

Editor-in-Chief, Co-Editor

- European Journal of Operational Research: Bomze, Immanuel
- International Journal of Industrial Organization: Schmidt-Dengler
- OR Spectrum: Walter Gutjahr

Associate Editor

- International Game Theory Review: Sorger, Gerhard
- International Journal of Forecasting: Hautsch, Nikolaus
- Journal of Applied Econometrics: Schmidt-Dengler, Philipp; Hautsch, Nikolaus
- Journal of Economic Dynamics and Control: Hartl,

Richard; Gerhard Sorger

- Journal of Financial Econometrics: Hautsch, Nikolaus
- Judgment and Decision Making: Tyran, Jean-Robert
- Management Accounting Research: Pfeiffer, Thomas
- Studies in Nonlinear Dynamics and Econometrics: Sorger, Gerhard
- Journal of Statistical Planning and Inference: Pötscher, Benedikt

Editorial Board

- Computers and Operations Research: Vetschera, Rudolf; Dörner, Karl
- Computational Optimization and Applications: an international journal: Pflug, Georg
- Energy Journal: Wirl, Franz
- Experimental Economics: Müller, Wieland; Tyran, Jean-Robert
- Health Care Management Science: Rauner, Marion
- International Journal of Research in Marketing: Diamantopoulos, Adamantios
- Journal of International Business Studies:
 Diamantopoulos, Adamantios; Riefler, Petra
- OR Spectrum: Rauner, Marion; Vetschera, Rudolf

Other Journals

Editor, Co-Editor

- Advances in Data Analysis and Classification: Bomze, Immanuel
- Business Research: Gehrig, Thomas
- Central European Journal of Operations Research: Dörner, Karl; Pflug, Georg; Rauner, Marion; Vetschera, Rudolf
- EMAC Chronicle: Wagner, Udo
- Empirical Economics: Kunst, Robert
- Global Business Review: Gehrig, Thomas
- Group Decision and Negotiation: Vetschera, Rudolf
- Jahrbuch für Handlungs- und Entscheidungstheorie: Kittel, Bernhard
- Statistics & Risk Modeling with Applications in Finance and Insurance: Pflug, Georg

Associate Editor

- Bulletin of Economic Research: Borrmann, Jörg
- Central European Journal of Operations Research: Bomze, Immanuel; Gutjahr, Walter; Hartl,Richard
- Computational Management Science: Pflug, Georg
- Empirical Economics: Hautsch, Nikolaus

- Flexible Services and Manufacturing Journal: Rauner, Marion
- International Marketing Review: Sichtmann, Christina
- International Journal of Decision Support System Technology: Vetschera, Rudolf
- Journal of Business Economics: Fabel, Oliver
- Journal of Economics: Sorger, Gerhard
- Journal of Experimental Political Science: Kittel, Bernhard
- Marketing: ZFP Journal of Research and Management: Wagner, Udo
- OR Perspectives: Hartl, Richard
- Stochastic Programming E-Print Series: Pflug, Georg

Editorial Board

- · Akademija MM: Wagner, Udo
- Applied Economics Quarterly: Merz, Monika
- Austrian Journal of Statistics: Pflug, Georg
- Business Research: Diamantopoulos, Adamantios;
 Dörner, Karl; Hartl, Richard; Pfeiffer, Thomas;
 Wagner, Udo
- Decision Support Systems: Vetschera, Rudolf
- Econometrics: Hautsch, Nikolaus
- Economics Ejournal: Gehrig, Thomas
- EMAC Newsletter: Wagner, Udo
- Energy Systems: Pflug, Georg
- EURO Journal on Decision Processes: Gutjahr, Walter; Vetschera, Rudolf
- EURO Journal on Transportation and Logistics: Hartl, Richard
- European Journal of Marketing: Diamantopoulos, Adamantios
- European Journal of Political Economy: Tyran, Jean-Robert
- Flexible Services and Manufacturing Journal: Dörner, Karl; Rauner, Marion
- Health Systems: Rauner, Marion
- Industrial Marketing Management: Sichtmann, Christina
- Innovation and Entrepreneurship in Health: Rauner, Marion
- International Journal of Business and Systems Rauner, Marion
- International Journal of Economics and Business Research: Borrmann, Jörg
- International Journal of Health Management and Rauner, Marion

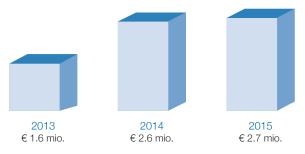
- International Journal of Operations Research and Information Systems: Rauner, Marion
- International Marketing Review: Riefler, Petra;
 Diamantopoulos, Adamantios
- International Transactions in Operational Research: Vetschera, Rudolf
- Journal of Behavioral and Experimental Economics: Tyran, Jean-Robert
- Journal of Business Market Management: Sichtmann, Christina
- Journal of Contemporary Issues in Economics and Business: Wagner, Udo
- · Journal of Cross Cultural Marketing: Udo Wagner
- Journal of Experimental Political Science: Tyran, Jean-Robert
- Journal of Global Optimization: Immanuel Bomze
- Journal of Global Scholars of Marketing Science: Wagner, Udo
- Journal of International Marketing: Diamantopoulos, Adamantios
- Journal of Marketing Management: Diamantopoulos, Adamantios
- Journal of Modelling in Management: Diamantopoulos, Adamantios
- Journal of Organization Design: Reitzig, Markus
- Journal of Strategic Marketing: Diamantopoulos, Adamantios
- Journal of the Economic Science Association: Müller, Wieland; Tyran, Jean-Robert
- Lecture Notes in Economics and Mathematical Systems: Pfeiffer, Thomas
- Management Review Quarterly: Wagner, Udo
- Market Microstructure and Liquidity: Hautsch, Nikolaus
- Market / Tržište: Wagner, Udo
- Oekonomie & Gesundheit: Rauner, Marion
- Operations Research for Health Care: Rauner, Marion
- Operations Research Perspectives: Bomze, Immanuel
- Optimization Letters: Bomze, Immanuel
- Production and Operations Management: Gutjahr, Walter
- Review of Managerial Science: Pfeiffer, Thomas; Wagner, Udo
- Socio-Economic Planning Sciences: Rauner, Marion
- Swarm Intelligence: Gutjahr, Walter; Hartl, Richard

Externally Funded Research Projects

The external funding raised by our faculty members totals about € 2.8 mio. in 2015, up from about € 2.6 mio. in 2014. Our main sources of revenue are the Austrian Science Foundation (FWF), the European Union and the Austrian National Bank (OeNB), see table 1. This funding enables us to investigate a broad range of issues.

On the next page we list externally funded research projects that were ongoing in the calendar year 2015 by research theme (see page 28 for a description of themes). This includes projects that have been started before 2015 as well as projects to be completed after 2015. For each theme, we sort the research projects first by start date and then by end date. Projects that address multiple themes are listed multiple times. Note that the list below reflects only a fraction of the entire research undertaken by our experts. Indeed, some of the projects do not require external funding or are funded by internal sources.

External Funding, 2015 - 2013 - Figure 7



Source: Finance & Controlling 2015, University of Vienna

Sources of External Funding (in thousand €) - Table 1

	Funds 2013	Funds 2014	Funds 2015
FWF	1'073.9	1'437.4	1'321.5
OeNB	10.8	224.8	278.9
EU		334.4	51.1
Federal	45.1	9.3	143.4
WWTF	73.9	37.0	180.9
FFG	80.9	137.4	152.9
Other	207.0	361.0	504.8
Total	1'491.60	2'541.30	2'633.50

Source: Finance & Controlling 2015, University of Vienna

Individuals and Behavior

Consumer Responses to Country-of-Origin, Region-of-Origin and Brand-Specific Cues: Cognitive and Affective Dimensions

Contact person: Diamantopoulos, Adamantios

2011 - 2016

Through a set of complementary studies, this project investigates the impact of alternative intonations (cognitive vs. affective) of country- and region-of-origin information on consumers' brand perceptions, buying intentions and willingness to pay. Particular emphasis is placed on (a) the relative importance of cognitive and affective dimensions of origin designation on consumer responses, (b) the role that multiple (i.e. national and regional) consumer identities play in shaping such responses, and (c) potential variations across different product categories.

Evaluating Competencies in Self-Regulated Learning in the Tertiary Sector

Contact person: Dresel, Markus

2012 - 2015

The project PRO-SRL addresses challenges in modelling and assessing SRL-competencies at Universities. Following a multi-method-multi-informant approach, different complementary assessment tools, namely situational judgment items, questionnaire items based on vignettes, a learning diary as well as an e-portfolio are developed.

Explicit and Implicit Country Stereotypes of Consumers

Contact person: Diamantopoulos, Adamantios

2014 - 2017

Extant country-of-origin (COO) research lacks strong theory, assumes only reflecting thinking on the part of consumers, and relies invariably on explicit (direct) measurement of country stereotypes. The proposed project integrates Fiske et al.'s (2002) stereotype content model (SCM) with Strack and Deutsch's (2004) reflective-impulsive model (RIM) into a unifying conceptual framework which is subsequently used to study the impact of both explicitly- and implicitly-assessed country stereotypes on consumer emotions and behavior. Based on a series of complementary studies - both survey- and experimentally-based – it seeks to offer detailed insights into (a) the degree of and reasons for the convergence/ divergence of explicitly- and implicitly-measured country stereo-types, (b) the relative influence of such stereotypes on deliberate vs. spontaneous purchase decisions, (c) the role of implicit country stereotypes in steering consumers' attention and (automatic) approach impulses, (d) the mediating effects of (positive and negative) emotions on the stereotype-behavior relationship, and (e) the relative predictive validity of explicitly- and implicitly-measured country stereotypes with respect to a wide range of behavioral outcomes. The project findings are expected to substantially advance both COO theory and stereotyping theory as well as create several implications relevant for practice.

Understanding Combinatorial Clock Auctions

Contact person: Janssen, Maarten

2014 - 2017

Combinatorial Clock Auctions (CCA) have recently been used around the world to allocate spectrum for mobile telecom licenses. However, the optimal bidding behavior in CCAs has only been (partially) analyzed in a simple context where bidders only care about the package they themselves win and in what they have to pay for it. Over the last years several papers have emerged that point at weaknesses of CCAs. In this research project, we increase the understanding of the weaknesses of the auction design, the potential damaging outcomes and the possible adaptions of the design to accommodate these weaknesses. In particular, we consider the implications of incentives to raise rivals' costs, bidding under a budget constraint and valuations depending on auction outcomes. The project uses game theoretic analyses and simulation techniques.

How do Electronic Shelf Labels Shape Consumer Behavior?

Contact person: Garaus, Marion

2015

This research project IT4PRICE tests a prototype of a combined solution of a digital signage system and electronic shelf labels. Scope of the project is a functionality test of the developed solution and to investigate the influence of various digital signage contents (affective, cognitive) in combination with electronic shelf labels on consumers' overall store evaluation and behavioral intentions.

The Influence of Digital Signage on Waiting Time Preceptions at the POS

Contact person: Garaus, Marion

2015

The current project examines the influence of an innovative digital signage system on consumers waiting time perceptions at the Point-of-Sale. Main research issues comprise the acceptance as well as the impact of digital signage on customer behavior, as well as acceptance drivers of digital signage.

Firm Dynamics, Interrelated Factor Demand and the Business Cycle

Contact person: Gehrig-Merz, Monika

2015 - 2016

Our objective is to study the quantitative contribution of particular features of firm dynamics such as entry, exit and variable firm size, and age in conjunction with frictional factor markets for business cycle dynamics. We design a dynamic stochastic general equilibrium model of firm dynamics with competitive direct search in the labor market and physical capital, and use existing firm-level evidence for calibrating the model and for evaluating the performance. Firms differ with respect to their idiosyncratic productivity, level of employment, and size of their capital stock. We successively extend the benchmark setup with fully flexible capital by adding (i) partially irreversible capital, and (ii) interrelated factor adjustment costs in order to explore their contribution to observed business cycle dynamics. We expect our comprehensive analytical framework to be useful for shedding light on the main economic determinants of firm dynamics in conjunction with firm heterogeneity and the adjustment of labor and physical capital.

Consumer Regret in Global versus Local Brand Purchase Decisions

Contact person: Vasileios, Davvetas

2015 - 2017

The project refers to the role of consumer regret in purchase decisions which involve global and local brands. Drawing from regret theory and global branding literature, the project proposes two conceptual frameworks with regards to (a) how perceived brand globalness influences post-purchase consumer responses under conditions of consumer regret and (b) how anticipated regret is affected by the purchase of global/local brands / how consumer preferences shift from/to global and local brands under conditions of regret anticipation. The project involves the design and implementation of 8 studies, including experiments and consumer surveys both, in Austria and in other emerging markets. The findings of the project are expected to enrich theory in the field of international consumer behavior and assist global/local brand managers in international marketing strategy development.

Information and Consumer Search

Contact person: Janssen, Maarten

2015 - 2017

Traditionally, economics has studied the functioning of frictionless markets, where consumers can obtain price and other relevant product information at no cost. The consumer search literature takes the search cost of consumers seriously and considers the implications of this cost for the efficiency of markets.

Consumer search theory provides a framework to assess the market power of firms that arise from search frictions. The theory has now passed the initial stage of development and it is time to reflect on common assumptions made and inquire about new applications.

This research proposal mainly focusses on the informational assumptions made in consumer search theory. Central to the consumer search literature is the idea that consumers do not know the products that are sold in the market and the prices charged. Instead, they have to devote resources on getting to know them. The research proposed here extends consumer search theory by relaxing some of the informational assumptions made and by inquiring into the incentives of firms to share information.

Some recent literature develops a different approach: consumers are unaware of some parameters of the model (for example, firms' cost) and "estimate" them in a Bayesian way using the observed prices. But also in these models, firms and consumers are assumed to know many aspects of the market that influences price setting and the market power of firms.

The proposal is divided into three subprojects. The first project considerably relaxes the informational assumptions on the consumer side of the market. The second project enquires into the incentives of firms to share information. In the consumer search literature the informational structure for firms is given, where the information consumers possess is endogenously determined. The second project also endogenizes the information structure of firms. The third project develops a more applied perspective and considers the implications of different informational assumptions in a consumer search model with a vertical industry structure. In a recent paper Janssen and Shelegia (2014) reconsider the issue of double marginalization when there is consumer search in the retail market.

Fairness, Personal Responsibility, and the Welfare State

Contact person: Tyran, Jean-Robert

2015 - 2018

The aim of the research project "Fairness, personal responsibility and the welfare state" is to analyze how fairness considerations, in particular with respect to personal responsibility, affect the support and effectiveness of welfare policies. The European welfare states are faced with important challenges, in particular related to financial strains on the welfare system, changing migration flows and increasing inequality. Partly as a response to these challenges, there is an increasing focus on personal responsibility. The research project provides new knowledge about how the welfare states can meet these challenges and how concerns for personal responsibility can be integrated in the design of welfare schemes in a

way that is perceived as fair.

Four research teams from Norway, the Netherlands, and Austria take a cross-disciplinary perspective on fairness and use an innovative combination of methods, including administrative register data, surveys, as well as field and laboratory experiments.

Organizational Design of Novel Organizational Forms

Contact person: Reitzig, Markus

2015 - 2018

We propose to study if - and where- extant theories of organizational design require elaborations in order to explain the emergence and effectiveness of so-called new organizational forms such as open source software or new business models. Building on our own on-going work, we suggest that classic theories of organizational design - among them the Carnegie School and its derivatives (e.g. contingency theory), while still capturing important features of even novel forms of organizing, may benefit from elaborations regarding three distinct sub-questions. These are as follows: First, how relevant are authority and hierarchy, traditional solutions to the design challenge of dividing labor and integrating effort, to new organizations? Second, under which conditions is self-selection, considered to be an important solution to the organizational design challenge in new forms of organizing, truly effective? Third, how do different solutions to the design challenges of task division, task allocation, rewards distribution, and information provision complement one another?

We plan on pursuing the three distinct sub-questions of our broader research question by conducting five empirical studies. The first empirical study is intended to shed light on the first sub-question, and is meant to draw on archival data of OSS projects stored in the SourceForge Research Data Archive (SRDA). More specifically, we plan to examine if OSS projects are truly authority-less in the classic sense as has recently been argued, or not. The large-scale quantitative test appears feasible given clearly competing theoretical predictions. The second empirical study plans to examine the skill-matching hypothesis (see sub question 2), an assumption usually taken for granted, in more detail. Again, we suggest resorting to available SRDA data on OSS projects to create a large-scale empirical base for testing purposes. Given the relative ignorance on the mechanistic underpinnings pertaining to the emergence of self-selection, we propose to complement the second study with a third one.

This latter investigation seeks to examine the antecedences of skill-matching in a more qualitative way – through comparative case study analysis and ethnographic observation of new entrepreneurial ventures. In a fourth study we seek to shed light on sub-question 3 by studying observable complementarity patterns between organizational solutions for a set of published examples of new

forms of organizing using Boolean qualitative comparative analysis. Again, and in order to delve deeper into the mechanistic underpinnings of these complementarities, we plan on complementing our fourth study with a fifth one in which we observe new entrepreneurial ventures over extended periods of time.

The goal of this study is to uncover the micro-mechanistic factors that account for observable complementarities. We suggest that our research will contribute to a reconciliation of the emergence of novel empirical phenomena with extensions of extant theories that have proven powerful in the past.

Distributive Preferences and Needs-Based Justice in Networks

Contact person: Kittel, Bernhard with Pritzlaff, Tanja & Schnapp, Kai-Uwe

2015 - 2018

Using theory conducted experimental approaches, Subproject B1 "Distribution Preferences and Demand Appropriateness in Networks" (Verteilungspräferenzen und Bedarfsgerechtigkeit in Netzwerken) examines the question to which extent demands in context of network structures can be recognized as legitimate and are reflected in bilateral distribution negotiation results.

Based on the sociological exchange theory, the influence of network structures on the number of possible bilateral agreements and the social preferences of position holders on the consideration of individual needs for the determination of the distribution key is explored as well as their transparency for the involved agents.

Under the assumption of individual utility maximizing behavior, a uniform distribution of resources is a result of balanced power structures and information regarding the network structure. However, unequal power structures in the network generates a skewed distribution in favor of more powerful positions. Even though this general pattern can be repeatedly found in experiments, systematic divergences of these expectations can be seen. In particular, powerful agents seem to act more aversely to inequality under certain parameters than their structural position would suggest.

On the basis of the current state of research that balanced power structures and transparency of network structures principally have an equalizing effect, the question arises if demand appropriateness can also achieve the expected distribution effects in distribution averse network structures contrary to other principles of equality. The central research question is, if demand appropriateness – contrary to other principles of equality – is reliable as a distribution principle in network structures which otherwise are against redistribution.

This result would suggest that the principle of demand appropriateness has a higher potential to legitimatize distributions than other principles.

Changing Markets and Institutions

Using Experiments to Understand Labor Markets

Contact person: Tyran, Jean-Robert

2008 - 2015

The project integrates recent findings in behavioral economics into traditional labor economics. We explore questions regarding labor supply and the provision of effort, including the analysis of incentive effects of taxation and redistribution on effort and the cognitive perception of the incentive effects. In addition, we make contributions to study cooperation in self-governed environments, the political acceptance of reform, and aspects of discrimination in the labor market.

We have initiated research to explore behavior in markets with asymmetric information, the measurement and determinants of motivation at work, gender sorting, and the effect of solidarity on social mobility. We have conducted conventional lab experiments with student subjects, large-scale internet experiments with participants from the general population, and natural field experiments.

The Evolution of Norms and Conventions in Economics

Contact person: Janssen, Maarten

2009 - 2015

Evolutionary game theory has developed into a major field of research at the interplay of mathematics, economics and biology. One of the main general aims of the analysis of evolutionary game theory is to study the conditions under which a population of players settles over time on a stable behavioral pattern. Economists have been interested in these developments in order to better understand (i) how social norms and conventions emerge, (ii) how these norms and conventions influence individual economic behavior and (iii) the conditions under which these norms and conventions are stable over time.

The present research project aims to contribute to this general field of inquiry by studying four subprojects, namely on (a) Social norms and economic incentives, (b) Work ethics and minimum effort games, (c) Selecting with whom to play and (d) Evolutionary equilibrium selection techniques.

Experimental Markets with Search Frictions and Network Externalities

Contact person: Tyran, Jean-Robert

2012 - 2015

We study two types of market institutions experimentally: Markets with search costs, and markets with network externalities. In markets with search costs the standard model provides fairly clear predictions about behavi-

or. However, questions of bargaining power - and thus small group strategic interaction - are integral to search theories. A large body of experimental research shows large deviations from the equilibria of standard bargaining models. In markets with network externalities, the standard model offers less clear cut predictions. The ambiguity largely results from the absence of an accepted theory of equilibrium selection, and the fact that multiple equilibria are integral to markets with network externalities. In terms of lab behavior, markets with search costs and markets with network externalities fall between the optimism of anonymous, decentralized market behavior, and the pessimism of small group strategic interaction. It makes these markets both demanding and interesting to study.

Making Optimal Choices When Market Structures Change

Contact person: Wrzaczek, Stefan

2013 - 2015

Optimal control (unilateral decision maker) and differential game theory (several decision makers) are established tools to analyze dynamic processes in economics and related fields. Both theories rely on the assumption that the model frame- work (i.e. number of players, form of collaboration between the players, etc.) does not change over time. However, many real phenomena demonstrate the opposite, e.g. a) Monopolistic market changes to competition (and vice versa), b) Entry/ exit of competitors to/from the market, c) Begin/end of a collaboration of players.

The innovation of our project is to study such issues in continuous time, a) we combine an optimal control model and a differential game, b) use two differential games with a different number of players and c) a non-cooperative differential game with a differential game with cooperating players. Outcomes are analyzed for various switching times (e.g. exogenous, endogenous, and stochastic), for commitment structures (e.g. open-loop) and initial states.

With the analysis of such models it is possible to learn the optimal behavior before change in market structure. Comparing the results to the situation without switch provides important economic insights that go beyond the knowledge from static and two-period models. It is possible to deal with questions, like whether it is optimal to increase the capital stock before competition gets tougher and vice versa? How should a firm influence the competitors' decisions already before the switching time? Should a firm try to influence the switching time or is this too costly?

Differences in Gender Relations in Trade Unions

Contact person: Blaschke, Sabine

2013 - 2015

This research project explores the development of gender relations in trade unions on the micro level. Former research on the organizational meso level suggests that occupational status and level of qualification of the union members influence how women participate in union decisions and how interests of female members are represented. This study focuses on processes at the agent level that causes the observed differences. To achieve this, two Austrian trade unions are examined whose members differ in terms of occupational status and level of qualification. While one union consists of white-collar workers resp. employees with higher levels of qualification, the other union comprises mainly blue-collar workers resp. employees with low qualifications.

The results of this study will illustrate how differences between unions concerning the inclusion of women and their interests emerge.

Mutual Insurance - A European Perspective

Contact person: Brazda, Johann

2014 - 2015

The principle of reciprocity is a way to organize protection and risk sharing cooperatively and based on solidarity. It has been legally constituted in the mutual insurance society (mutuals) within the Austrian Insurance Supervision Act (VAG). Although the act favors a conversion to a corporation and although the number of mutuals is declining, recent developments have sparked renewed interest in evaluating the possibilities of the potential of mutuality for the organization of insurance. The study should be also seen with respect to the discussion of alternative solutions for an only profit-oriented and more and more capital-market based insurance business.

Based on historical development and structural changes of mutuals in Austria and Germany, extended by experiences from selected other European countries, perspectives for mutuals in Austria should be analyzed and classified in the light of developments in other European countries. Therefore the analysis includes in addition to Austria and Germany also France, United Kingdom, Italy and Finland and the Scandinavian countries.

Understanding the Governance of the International Franchise Firm

Contact person: Windsperger, Josef

2014 - 2015

We investigate the choice of governance modes of the international franchise firm, i.e. wholly-owned subsidiaries, joint venture franchising, area development franchising and master franchising.

Deriving hypotheses from transaction cost theory, agency theory, resource-based and organizational capabilities theory, property rights theory and international strategy theory, we conduct regression analysis on a

large- scale survey of international franchise systems headquartered in Europe and the U.S. Overall, the study results will contribute to a better understanding of those determinants that influence the international franchise firm's successful choice of governance structure based on cost saving and value creation considerations.

Fluctuating Prices of Raw Materials as a Challenge for Monetary Policy

Contact person: Cunat, Alejandro

2014 - 2016

The recent recessions in the Euro Area and the US were all preceded by rising oil prices, a phenomenon that regained some interest among policy makers and scholars. In the first part of our project we plan to study - both theoretically and empirically - a disaggregated large open economy, where a trading manufacturing sector is differently affected by underlying sources of global oil price changes (such as Asian growth) than non-trading sectors (e.g. services, construction). By doing so, we examine the central bank's role in the transmission of global shocks to heterogeneously affected sectors and the entire economy over the business cycle. The second part concerns optimal policy in a small open economy that is dependent on imported food. The central bank could affect the terms-of- trade in favor of consumers but at the cost of competitiveness. We plan to study a policy that orients on the state of the global commodity market and want to evaluate welfare in a regime-switching setting.

Short Sale Bans and Price Discovery in Stock Markets

Contact person: Gehrig, Thomas

2014 - 2016

The objective of this research program is to study information aggregation and price discovery in markets with bans on short selling. Based on real time transactions data we decompose effective spreads into their basic components of adverse selection, inventory holding costs, and order processing costs (cum market power). This procedure allows us to identify and analyze the role of information on transactions costs and trading volume prior to and after the imposition of the ban.

This decomposition should prove useful to explain the ambivalent empirical evidence on the role of short sale bans. While some studies find an increase in transaction costs and price volatility others report a decline in trading costs and, hence, an increase in market liquidity. The informational role of short-selling bans has important policy implications. To the extent that bans contri-

ant policy implications. To the extent that bans contribute to increase adverse selection costs, they tend to discourage liquidity-based trade relative to more fundamentally-oriented trade, implying a lower risk of herding and reducing volatility.

Representative Democracy: Theory and Experiments

Contact person: Wagner, Alexander K.

2014 - 2017

This proposal incorporates insights from psychology into economic reasoning to better understand political processes and outcomes in representative democracy. In terms of academic disciplines, the proposal is located at the crossroads of economics, psychology and political science, and in terms of method it is grounded in both theory and experiment. Economic reasoning will be used to investigate how rational and self-interested politicians change their behavior when voters are forgetful, inattentive and have limited foresight. This approach starts from the well-defined benchmark of rational choice theory and adds psychological realism to how voters are modelled.

The theoretical investigation is expected to yield clear and testable predictions. These predictions are tested in a controlled laboratory setting. The general aim is to provide an empirically grounded model of the political process and to inform us when we need to be careful in advancing conclusions from rationalistic models.

Securing Health Care in Emergency Situations

Contact person: Rauner, Marion

2014 - 2017

Large scale disasters – be they natural, deliberate or accidental – are inevitable. They do not respect borders, a large number of people will die and the long term consequences from economic to mental health can for years devastate the affected population. S-HELP targets the central challenges in risk management by developing a holistic framed approach.

The central aim of the project "Securing Health Emergency Learning Planning (S-HELP)" is to develop and deliver a holistic framed approach to healthcare preparedness, response and recovery. S-HELP is a people, process and technological solution to emergency situations.

Understanding Combinatorial Clock Auctions

Contact person: Janssen, Maarten

2014-2017

Combinatorial Clock Auctions (CCA) have recently been used around the world to allocate spectrum for mobile telecom licenses. However, the optimal bidding behavior in CCAs has only been (partially) analyzed in a simple context where bidders only care about the package they themselves win and in what they have to pay for it. Over the last years several papers have emerged that point at weaknesses of CCAs. In this research project, we increase the understanding of the weaknesses of the auction design, the potential damaging outcomes and the possible adaptions of the design to accommodate these we-

aknesses. In particular, we consider the implications of incentives to raise rivals' costs, bidding under a budget constraint and valuations depending on auction outcomes. The project uses game theoretic analyses and simulation techniques.

Youth Unemployment in Vienna: Social Background and Consequences

Contact person: Kittel, Bernhard

2014 - 2018

The project studies how unemployment at early stages of the working life affects the psycho-social constitution, motivation, and well-being of young adults aged 18-28. To this end, we match register-data (AMDB-database) with survey data based on a sample of young people who recently became unemployed. Furthermore, we plan an experimental study which shall be subject to a first pretest. Our goal is to evaluate the effects of innovative active labor market policies for young people.

Pathways from Youth Unemployment to Economic Self-Sufficiency and Entrepreneurship

Contact person: Kittel, Bernhard

2014 - 2018

The CUPESSE project (Cultural Pathways to Economic Self- Sufficiency and Entrepreneurship: Family Values and Youth Unemployment in Europe) is dedicated to the comparative analysis of youth unemployment in Europe. By taking issues related both to the demand and supply sides into consideration, the project aims to obtain a comprehensive picture of the causes and consequences of unemployment among young people as well as to formulate policy strategies and recommendations for addressing this ever-growing issue. The project brings together a broad network of researchers from the fields of economics, political science, psychology, and sociology.

How do Electronic Shelf Labels Shape Consumer Behavior?

Contact person: Garaus, Marion

2015

This research project IT4PRICE tests a prototype of a combined solution of a digital signage system and electronic shelf labels. Scope of the project is a functionality test of the developed solution and to investigate the influence of various digital signage contents (affective, cognitive) in combination with electronic shelf labels on consumers' overall store evaluation and behavioral intentions.

The Influence of Digital Signage on Waiting Time Preceptions at the POS

Contact person: Garaus, Marion

2015

The current project examines the influence of an innovative digital signage system on consumers waiting time perceptions at the Point-of-Sale. Main research issues comprise the acceptance as well as the impact of digital signage on customer behavior, as well as acceptance drivers of digital signage.

Firm Dynamics, Interrelated Factor Demand and the Business Cycle

Contact person: Gehrig-Merz, Monika

2015 - 2016

Our objective is to study the quantitative contribution of particular features of firm dynamics such as entry, exit and variable firm size, and age in conjunction with frictional factor markets for business cycle dynamics. We design a dynamic stochastic general equilibrium model of firm dynamics with competitive direct search in the labor market and physical capital, and use existing firm-level evidence for calibrating the model and for evaluating the performance. Firms differ with respect to their idiosyncratic productivity, level of employment, and size of their capital stock.

We successively extend the benchmark setup with fully flexible capital by adding (i) partially irreversible capital, and (ii) interrelated factor adjustment costs in order to explore their contribution to observed business cycle dynamics. We expect our comprehensive analytical framework to be useful for shedding light on the main economic determinants of firm dynamics in conjunction with firm heterogeneity and the adjustment of labor and physical capital.

Productivity, Demand, Employment: the Propagation of Business Cycles by the Input-Output Network

Contact person: Reiter, Michael

2015 - 2016

We study the relative importance of aggregate and industry-specific productivity and demand shocks in generating business cycle fluctuations. We build a highly disaggregated multi-industry DSGE model with an input-output network structure and endogenous variation in labor effort. In this model, fluctuations in measured total factor productivity can arise as an endogenous response to demand shocks.

The model is estimated by the Simulated Method of Moments using U.S. industry data from 1960 to 2005. In an extension, the model is estimated for several European countries. Furthermore, we study the employment consequences of business cycle shocks in a multi-industry context. We construct a model that explains how firms and workers adjust the margins of labor input (employment, hours per worker, effort) in response to different shocks. We use the model to analyze "jobless recoveries".

Modelling Banking Crisis

Contact person: Kunst, Robert

2015 - 2016

As a consequence of the recent economic crisis, the attention in the financial and enterprise sector has shifted to the importance of macro-economic developments and their international interdependence for risk-modeling. The proposed research and development project is dedicated to implementing an appropriate up-to-date macro-economic forecasting model which is especially suitable for conducting global scenario analysis and stress tests as well as further developing such models in selected dimensions. The outcome should be incorporated as a standardized instrument for forecasts, analysis, and stress tests for customer's risk management.

The aim of this proposal is to lift macro-economic risk analysis and management to a higher level in the private sector by using predestined newer models. The innovative accomplishment of the F&E proposal are (1) an advanced, more anticipatory and globally integrated – while at the same time a regionally customized – macro-forecasting, analysis, and stress testing tool, which (2) can be made available for the integration of risk management into the financial and enterprise sector. Thus, for the implementation of high-quality macro-analysis, customers are assessed as significant input for this kind of product as well as thereby associated services.

Fairness, Personal Responsibility, and the Welfare State

Contact person: Tyran, Jean-Robert

2015 - 2018

The aim of the research project "Fairness, personal responsibility and the welfare state" is to analyze how fairness considerations, in particular with respect to personal responsibility, affect the support and effectiveness of welfare policies. The European welfare states are faced with important challenges, in particular related to financial strains on the welfare system, changing migration flows and increasing inequality. Partly as a response to these challenges, there is an increasing focus on personal responsibility. The research project provides new knowledge about how the welfare states can meet these challenges and how concerns for personal responsibility can be integrated in the design of welfare schemes in a way that is perceived as fair.

Four research teams from Norway, the Netherlands, and Austria take a cross-disciplinary perspective on fairness and use an innovative combination of methods, including administrative register data, surveys, as well as field and laboratory experiments.

Distributive Preferences and Needs-Based Justice in Networks

Contact person: Kittel, Bernhard with Pritzlaff, Tanja & Schnapp, Kai-Uwe

2015 - 2018

Using theory conducted experimental approaches, Subproject B1 "Distribution Preferences and Demand Appropriateness in Networks" (Verteilungspräferenzen und Bedarfsgerechtigkeit in Netzwerken) examines the question to which extent demands in context of network structures can be recognized as legitimate and are reflected in bilateral distribution negotiation results.

Based on the sociological exchange theory, the influence of network structures on the number of possible bilateral agreements and the social preferences of position holders on the consideration of individual needs for the determination of the distribution key is explored as well as their transparency for the involved agents.

Under the assumption of individual utility maximizing behavior, a uniform distribution of resources is a result of balanced power structures and information regarding the network structure. However, unequal power structures in the network generates a skewed distribution in favor of more powerful positions. Even though this general pattern can be repeatedly found in experiments, systematic divergences of these expectations can be seen. In particular, powerful agents seem to act more aversely to inequality under certain parameters than their structural position would suggest.

On the basis of the current state of research that balanced power structures and transparency of network structures principally have an equalizing effect, the question arises if demand appropriateness can also achieve the expected distribution effects in distribution averse network structures contrary to other principles of equality. The central research question is, if demand appropriateness – contrary to other principles of equality – is reliable as a distribution principle in network structures which otherwise are against redistribution.

This result would suggest that the principle of demand appropriateness has a higher potential to legitimatize distributions than other principles.

The Effects of Liquidity Regulation in Basel III on Financial Stability

Contact person: Loranth, Gyöngyi & Kolm, Julian 2016 – 2018

We study effects of liquidity requirements on financial stability, considering both the asset and liability side. On the liability side, we argue that liquidity requirements in combination with leverage constraints give banks an incentive to use staggered debt structures, because this maximizes the amount of profitable, illiquid assets the bank can hold. We plan to analyze whether staggered debt structures are more prone to bank runs and propose to develop a model that allows to compare the probability of bank runs between staggered and concentrated debt structures. On the asset side, liquidity requirements can increase banks' investment in liquid assets. This can increase efficiency when interbank markets are incomplete (Allen and Gale, JEEA 2004). We show that efficient liquidity requirements must be actively managed by regulators: banks must be allowed to decrease their liquidity holdings responding to other banks' liquidity shocks. Inflexible liquidity requirements cause additional inefficiencies and can decrease financial sta-

Corporate Strategies and Processes

Logistics for Hybrid Electric Vehicles

Contact person: Hartl, Richard

2012 - 2015

The project VECEPT (Vehicle with cost-efficient power train) focuses on the development and testing of an all-purpose, cost-efficient PHEV (Plug-in-Hybrid Vehicle) with an electric range of ca. 50 km serving as a volume model for the global market (planned market entry 2017). A particular focus lies on the development of a cost-efficient PHEV by using a modular concept and by fully exploiting optimization potentials (battery, heating and cooling etc.). In addition to these more technical aspects, important logistic issues need to be solved. This is where University of Vienna comes into play. We evaluate, for example, optimal routing with mixed fleets as well optimal composition of the fleet.

Evaluating Competencies in Self-Regulated Learning in the Tertiary Sector

Contact person: Dresel, Markus

2012 - 2015

The project PRO-SRL addresses challenges in modelling and assessing SRL-competencies at universities. Following a multi-method-multi-informant approach, different complementary assessment tools, namely situational judgment items, questionnaire items based on vignettes, a learning diary as well as an e-portfolio are developed.

Understanding the Governance of the International Franchise Firm

Contact person: Windsperger, Josef

2014 - 2015

We investigate the choice of governance modes of the international franchise firm, i.e. wholly-owned subsidiaries, joint venture franchising, area development franchising, and master franchising. Deriving hypotheses from transaction cost theory, agency theory, resource-based and organizational capabilities theory, property rights theory, and international strategy theory, we conduct regression analysis on a large-scale survey of international franchise systems headquartered in Europe and the U.S. Overall, the study results will contribute to a better understanding of those determinants that influence the international franchise firm's successful choice of governance structure based on cost saving and value creation considerations.

Organizing Cooperative Logistics for the Last Mile

Contact person: Dörner, Karl

2014 - 2015

Main aim of the project (KoLaMBra) is to develop a cooperative organization concept for last mile logistic operations. Before being transferred to inner cities, shipment will be consolidated. Therefore, the existing resources of logistic partners who must be certified by municipalities and who specialized within an industry sector will be used. As a result, the concept will lead to a high level of transparency, ecological, economic, and social improvements.

Green City Hubs: Developing Sustainable Logistics for Delivery Within a City

Contact person: Dörner, Karl

2014 - 2016

The research project "GreenCityHubs" develops a concept of sustainable inner-city delivery logistics using inner-city distribution centers (City Hubs) and alternative fueled vehicles. The problem is addressed from the technical, urban planning and transit oriented view. This explicitly interdisciplinary research approach should lead to an economically, socially and ecologically balanced result, which will be evaluated by metrics of delivery service, economics, energy usage, and environmental emissions.

New Ways to Support Decision Making and to Guide Production Processes

Contact person: Dörner, Karl

2014 - 2016

The project "i2V NPS 2" investigates new methods for priority-rule-based guidance and control of flexible, volatile production processes at the operational shop floor level according to user-defined strategies. To do so, complex priority rules are automatically synthesized and iteratively optimized by using meta-heuristics and simulation models. To specifically define the desired production strategies, economic, environmental, and work psychological indicators are merged by holistic rating models.

Models for Ecological, Economical, Efficient, Electric Car Sharing

Contact person: Leitner, Markus

2014 - 2017

Due to growing awareness and concerns regarding pollution, sustainability and living quality, cities are confronted with severe challenges and need to manage a transformation process that ultimately shall lead to fewer emissions and less energy consumption while increasing the quality of public space available to citizens. At the same time, however, citizens ask for flexible solutions that allow to efficiently use different modes of transport without increasing their planning overhead. Among others, car-sharing systems and the usage of

electric cars are currently increasingly gaining popularity to meet some of these challenges.

In the project e4-share, we will lay the foundations for efficient and economically viable electric car-sharing systems by studying and solving the optimization problems arising in their design and operations. A main goal is to derive generic methods and strategies for optimized planning and operating. In particular concerning flexible variants which best meet preferences of customers but impose nontrivial challenges to operators. We will develop novel, exact and heuristic, numerical methods for finding suitable solutions to the optimization problems arising at the various planning levels as well as new, innovative approaches considering these levels simultaneously.

Network Optimization in Bioinformatics and Systems Biology

Contact person: Ljubic, Ivana

2014 - 2017

Mathematical models and algorithmic approaches for solving combinatorial optimization problems from the field of network optimization are known to be essential in telecommunications and the design of transportation and supply chain networks. More recently, it has been discovered that network optimization algorithms are also crucial in the context of bio-informatics and systems biology. Numerous publications in systems biology point out that studying functions, structures, and interactions of proteins in combination with networks can provide new insights regarding robust biomarkers, and can allow new discoveries regarding protein functions, or testing of new hypothesis regarding their interactions. Network optimization algorithms have also been applied in the analysis of functional modules in protein-protein interaction networks, the discovery of regulatory subnetworks, in revealing hidden components in biological processes, or in detecting transcription factor modules. Motivated by these recent developments, we aim to study several network optimization problems that are among the most challenging ones in these fields and that were not sufficiently studied or understood so far. In this project we also aim at developing the first supernetwork-driven approach in combinatorial optimization that will seamlessly integrate various methodologies from operations research (exact and metaheuristic approaches for network optimization) and computer science (machine learning) into a single mathematical framework.

Firms' Scope Decisions in High-Technology System Industries

Contact person: Reitzig, Markus

2014 - 2017

We seek to better understand how extant mechanisms

describing firm boundary decisions – notably bargaining considerations and knowledge-based complementarities – can explain organizations' scope in systemic industries, in which multiple competing products may emerge as combinations of differentiated components across the value chain.

We ask: First, do firms in systemic industries increase their bargaining power over buyers and suppliers by diversifying their R&D efforts across substitutes within components to become 'bottleneck technology' owners? Second, if they do, (a) to what extent do knowledge complementarities across solutions within a component layer facilitate building up bargaining power in the aforementioned way, and (b) how do firms trade-off alternatives to create bargaining power over buyers and suppliers? Our empirical tests will draw on an original dataset comprising data on firms' patents, standard exchange requests, alliances, licensing revenues, and network sales.

Optimization and Analysis of Large-Scale Networks

Contact person: Leitner, Markus

2015 - 2018

Networks are a ubiquitous tool to model the growing amount of data collected in science and business. In areas such as telecommunications, location theory, or social networks analysis (SNA), the size of the resulting networks and application data is ever increasing and analysis methods for large-scale data are crucial to deal with them in a meaningful way. Typically there are also inherent uncertainties associated with the input data and the implied optimization problems often face multiple objectives.

We aim to develop novel mathematical models and algorithmic solutions for solving highly relevant problems from operations management, telecommunications, and SNA at the large scale. To this end, various robust optimization concepts and their applicability in multi-objective settings will be analyzed. Results will be used to derive high-performance solution methods aiming to solve realistic, large-scale problem instances.

S-HELP (Securing Health.Emergency.Learning.Planning)

Contact person: Rauner, Marion

2014 - 2017

Large scale disasters – be they natural, deliberate or accidental – are inevitable. They do not respect borders, a large number of people will die and the long term consequences from economic to mental health can for years devastate the affected population. People, not tools, are the most important asset. Healthcare practitioners and services respond to emergency situations but they are sometimes overwhelmed often requiring rapid decision-making. Decisions in the allocation of strained

resources, prioritizing casualties, while simultaneously trying to contain the level of impact are challenging.

Between 70% and 80% of disaster losses are secondary to indirect deaths that would not have occurred without the breakdown of social and health services and the information systems. Therefore, preparedness and response capabilities of Health Services will directly impact society's ability to 'bounce back' to become more resilient to such devastating shocks.

The central aim of S-HELP "Securing Health.Emergency. Learning.Planning - Development of Decision Support Tools for Improving Preparedness and Response of Health Services Involved in Emergency Situations" project is to develop and deliver a holistic framed approach to healthcare preparedness, response and recovery. S-HELP is a people, process and technological solution to emergency situations.

Heuristic Optimization in Production and Logistics

Contact person: Dörner, Karl

2014 - 2018

This project (K-Projekt HOPL) aims to develop novel algorithms in order to gain additional optimization potential by modeling and optimizing interrelated logistics and production processes in an integrative way. The main goals for the application of optimization networks in this project are:

- Integrated storage, transport, and schedule optimization
- Strategic planning and design of production and logistics systems
- Integration of data-based modeling in the optimization of production processes

Efficient Intermodal Transport Operations

Contact person: Dörner, Karl

2014 - 2020

The project is embedded in a Christian Doppler Laboratory and has two modules. Module I addresses intermodal transportation problems. The term intermodal transportation refers to the transportation of passengers or freight from an origin to a destination by at least two transportation modes, such that the transfer from one mode to the next takes place in intermodal terminals.

The primary aim of this module, is to develop new optimization solution methods based on operations research techniques to support efficient resource planning and management in intermodal transportation systems. Module II addresses efficient resource management in public transportation. This module mainly focuses on tactical and operational problems of urban public transport systems, including headway optimization and dis-

ruption management.

The CD-laboratory for efficient intermodal transport operations will develop and apply optimization techniques to logistical decision problems with a particular focus on the development of metaheuristic and matheuristics for decision problems in transport which take real-world characteristics and realistic constraints into consideration.

Information and Consumer Search

Contact person: Janssen, Maarten

2015 - 2017

Traditionally, economics studies the functioning of frictionless markets, where consumers can obtain price and other relevant product information at no cost. The consumer search literature takes the search cost of consumers seriously and considers the implications of this cost for the efficiency of markets.

Consumer search theory provides a framework to assess the market power of firms that arise from search frictions. The theory has now passed the initial stage of development and it is time to reflect on common assumptions made and inquire about new applications.

This research proposal mainly focusses on the informational assumptions made in consumer search theory. Central to the consumer search literature is the idea that consumers do not know the products that are sold in the market and the prices charged. Instead, they have to devote resources on getting to know them. The research proposed here extends consumer search theory by relaxing some of the informational assumptions made and by inquiring into the incentives of firms to share information

Some recent literature develops a different approach: consumers are unaware of some parameters of the model (for example, firms' cost) and "estimate" them in a Bayesian way using the observed prices. But also in these models, firms and consumers are assumed to know many aspects of the market that influences price setting and the market power of firms.

The proposal is divided into three subprojects. The first project considerably relaxes the informational assumptions on the consumer side of the market. The second project enquires into the incentives of firms to share information. In the consumer search literature the informational structure for firms is given, where the information consumers possess is endogenously determined. The second project also endogenizes the information structure of firms. The third project develops a more applied perspective and considers the implications of different informational assumptions in a consumer search model with a vertical industry structure. In a recent paper Janssen and Shelegia (2014) reconsider the issue of double marginalization when there is consumer search in the retail market.

Organizational Design of Novel Organizational Forms

Contact person: Reitzig, Markus

2015 - 2018

We propose to study if - and where - extant theories of organizational design require elaborations in order to explain the emergence and effectiveness of so-called new organizational forms such as open source software or new business models. Building on our own on-going work, we suggest that classic theories of organizational design - among them the Carnegie School and its derivatives (e.g. contingency theory), while still capturing important features of even novel forms of organizing, may benefit from elaborations regarding three distinct sub-questions. These are as follows: First, how relevant are authority and hierarchy, traditional solutions to the design challenge of dividing labor and integrating effort, to new organizations? Second, under which conditions is self-selection, considered to be an important solution to the organizational design challenge in new forms of organizing, truly effective? Third, how do different solutions to the design challenges of task division, task allocation, rewards distribution, and information provision complement one another?

We plan on pursuing the three distinct sub-questions of our broader research question by conducting five empirical studies. The first empirical study is intended to shed light on the first sub-question, and is meant to draw on archival data of OSS projects stored in the SourceForge Research Data Archive (SRDA). More specifically, we plan to examine if OSS projects are truly authority-less in the classic sense as has recently been argued, or not. The large-scale quantitative test appears feasible given clearly competing theoretical predictions. The second empirical study plans to examine the skill-matching hypothesis (see sub question 2), an assumption usually taken for granted, in more detail. Again, we suggest resorting to available SRDA data on OSS projects to create a large-scale empirical base for testing purposes. Given the relative ignorance on the mechanistic underpinnings pertaining to the emergence of self-selection, we propose to complement the second study with a third one. This latter investigation seeks to examine the antecedences of skill-matching in a more qualitative way – through comparative case study analysis and ethnographic observation of new entrepreneurial ventures.

In a fourth study we seek to shed light on sub-question 3 by studying observable complementarity patterns between organizational solutions for a set of published examples of new forms of organizing using Boolean qualitative comparative analysis. Again, and in order to delve deeper into the mechanistic underpinnings of these complementarities, we plan on complementing our fourth study with a fifth one in which we observe new entrepreneurial ventures over extended periods of time. The goal of this study is to uncover the micro-mechanistic factors that account for observable complementarities. We suggest that our research will contribute to a reconciliation of the emergence of novel empirical phenomena with extensions of extant theories that have proven powerful in the past.

Management of Resources

Energy Problems in the 21st Century: Global Warming and Resource Scarcity

Contact person: Wirl, Franz

2012 - 2015

This research contributes to two opposing forces of international energy markets:

- Energy shortage on a global scale currently (energy poverty) and in particular in the future given the fast rise in demand (in China, India and other emerging economies), due to finiteness of fossil fuel resources.
- Global warming and other externalities from fossil fuel use. Therefore, from an environmental point of view, there is too much fossil energy available. If all fossil energy were burned, the planet would be heated up beyond sustainable levels.

Both problems call for immediate action because of the large inertia of energy systems due to the involved infrastructure from the field/mines, over transportation, transformation, distribution to users and their choices (e.g., home, heating, car). Although the current perception is that global warming is the much more pressing issue (in the not too distant past the emphasis was on resources), we think that both should be addressed on a comparable scale.

The common denominator is that mitigation of both threats require similar means: a rapid transition to renewable energy. In our study we plan to approach these issues from different and interdisciplinary angles. One direction is the analysis of instruments to combat global warming: control in prices (tax) or quantities (permit). Another aspect is related to incentives to promote renewable energies. We plan to use a wide range of methodologies, including equilibrium modeling, dynamic optimization, dynamic games, both deterministic and stochastic, incentive mechanism, Public Choice, etc.

HybridMOOP: Client-Centered Multi-Objective Optimization

Contact person: Parragh, Sophie

2011 - 2015

Client-centered logistics problems appear in many highly relevant areas of our daily life. They range from the design of public transportation networks to field workforce scheduling in private service companies. Many of these problems have a cost-oriented objective and a user-centered objective. These two goals are usually in conflict: lower costs lead to lower quality of service and vice versa. Decision makers are confronted with the

task of assigning weights to the different objectives, representing their preferences. However, a compromise solution computed based on these weights lacks important information. This information concerns the tradeoff between costs and quality of service: would higher quality of service be possible at a small additional cost? One possibility to circumvent this problem consists in the application of multi-objective optimization methods. These methods generate a set of "equally good" compromise solutions, allowing the decision maker to choose the most appropriate one. In multi-objective combinatorial optimization, combinations of exact and heuristic search methods, so-called hybrid methods, have been barely investigated. The aim of this research project is the development of such methods for client-centered multi-objective logistics problems.

Algorithms for Field Staff Scheduling Problems

Contact person: Parragh, Sophie

2011-2016

This research project is motivated by the problem situation faced by organizations providing mobile care or technical (maintenance) services. The kernel of these problems consists in assigning a given number of service or care tasks to a given number of employees, considering, e.g., time windows, skill compatibility, synchronization requirements, and maximum working time restrictions. The general objective is to generate least cost routing and scheduling plans taking into account travel-based, labor-based, and client as well as employee-satisfaction-based cost terms. Client satisfaction is, e.g., linked to consistency.

This means that the number of different employees serving the same client should be as low as possible. In the first part of this project, we plan to develop exact, metaheuristic, and hybrid algorithms to address these issues. Since in reality, in particular travel and service times are hardly ever deterministic, in the second part of this project, we plan to compare approaches of the stochastic programming field and of the robust optimization domain in the context of heuristic solution methods.

Logistics for Hybrid Electric Vehicles

Contact person: Hartl, Richard

2012 - 2015

The project VECEPT (Vehicle with cost-efficient power train) focuses on the development and testing of an all-purpose, cost-efficient PHEV (Plug-in-Hybrid Vehicle) with an electric range of ca. 50 km serving as a volume model for the global market (planned market entry 2017). A particular focus of lies on the development of a cost-efficient PHEV by using a modular concept and by fully exploiting optimization potentials (battery, heating and cooling etc.).

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Fluctuating Prices of Raw Materials as a Challenge for Monetary Policy

Contact person: Cunat, Alejandro

2014 - 2016

The recent recessions in the Euro Area and the US were all preceded by rising oil prices, a phenomenon that regained some interest among policy makers and scholars. In the first part of our project we plan to study - both theoretically and empirically - a disaggregated large open economy, where a trading manufacturing sector is differently affected by underlying sources of global oil price changes (such as Asian growth) than non-trading sectors (e.g. services, construction). By doing so, we examine the central bank's role in the transmission of global shocks to heterogeneously affected sectors and the entire economy over the business cycle. The second part concerns optimal policy in a small open economy that is dependent on imported food. The central bank could affect the terms-of-trade in favor of consumers but at the cost of competitiveness. We plan to study a policy that orients on the state of the global commodity market and want to evaluate welfare in a regime-switching setting.

Models for Ecological, Economical, Efficient, Electric Car Sharing

Contact person: Leitner, Markus

2014 - 2017

Due to growing awareness and concerns regarding pollution, sustainability and living quality, cities are confronted with severe challenges and need to manage a transformation process that ultimately shall lead to fewer emissions and less energy consumption while increasing the quality of public space available to citizens. At the same time, however, citizens ask for flexible solutions that allow to efficiently use different modes of transport without increasing their planning overhead. Among others, car-sharing systems and the usage of electric cars are currently increasingly gaining popularity to meet some of these challenges.

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Contact person: Rauner, Marion

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ent to such devastating shocks.

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Sansero Safe and Secure Routing

Contact person: Dörner, Karl

2015 - 2017

Main aim of the project is to model and solve a novel multi-objective route planning problem that occurs especially in the area of security services. Typically, private security companies offer a range of services that seek to protect objects and individuals (e.g., personal protection, transportation of cash/individuals, mobile guarding, custodial services for buildings). Such security services can be classified as tasks that contain a routing component, and those without any such routing component. We distinguish three groups of related security tasks, in which (i) the security guard moves, but the objects/persons to be secured are fixed; (ii) both the guards and the objects/persons to be secured move; and (iii) neither the guard nor the objects/persons move.

FEAT: Fair and Efficient Allocation of Transport

Contact person: Vetschera, Rudolf

2015 - 2017

The main aim of this project is to improve the efficiency of the allocation of transport activities to carriers by re-allocating transportation orders between carriers. This would allow carriers to develop more efficient plans, which in particular avoid empty trips, thus improving efficiency of the overall system. Such a re-allocation requires collaboration among carriers. Existing research on carrier collaboration has proposed various mechanisms for collaborative planning, which have been studied in the context of different transportation problems. The present project will systematically compare a spectrum of different approaches to carrier collaboration, in particular a fully centralized planning approach, a centralized auction mechanism, decentralized auctions and bilateral exchange between carriers. These different collaboration mechanisms will be studied in the unified setting of a hub-and-spoke transportation scenario, in which less than truckload transportation orders are collected via local tours to a hub, transported to another hub on a long-distance leg, and from there are distributed to customers via local tours Furthermore, the project will take into account that carriers (as well as possible centralized institutions) have only limited information

about the cost structure and other relevant information of other carriers by utilizing concepts from decision making under incomplete information.

Optimization and Analysis of Large-Scale Networks

Contact person: Leitner, Markus

2015 - 2018

Networks are a ubiquitous tool to model the growing amount of data collected in science and business. In areas such as telecommunications, location theory, or social networks analysis (SNA), the size of the resulting networks and application data is ever increasing and analysis methods for large-scale data are crucial to deal with them in a meaningful way. Typically there are also inherent uncertainties associated with the input data and the implied optimization problems often face multiple objectives. We aim to develop novel mathematical models and algorithmic solutions for solving highly relevant problems from operations management, telecommunications, and SNA at the large scale. To this end, various robust optimization concepts and their applicability in multi-objective settings will be analyzed. Results will be used to derive high-performance solution methods aiming to solve realistic, large-scale problem instances.

Statistics and Risk Analysis

Network Optimization in Bioinformatics and Systems Biology

Contact person: Ljubic, Ivana

2014 - 2017

Mathematical models and algorithmic approaches for solving combinatorial optimization problems from the field of net-work optimization are known to be essential in telecommunications and the design of transportation and supply chain networks. More recently, it has been discovered that network optimization algorithms are also crucial in the context of bio-informatics and systems biology. Numerous publications in systems biology point out that studying functions, structures and interactions of proteins in combination with networks can provide new insights regarding robust biomarkers, can allow new discoveries regarding protein functions, or testing of new hypothesis regarding their interactions. Network optimization algorithms have also been applied in the analysis of functional modules in protein-protein interaction networks, the discovery of regulatory subnetworks, in revealing hidden components in biological processes, or in detecting transcription factor modules. Motivated by these recent developments, we aim to study several network optimization problems that are among the most challenging ones in these fields and that were not sufficiently studied or understood so far. In this project we also aim at developing the first supernetwork-driven approach in combinatorial optimization that will seamlessly integrate various methodologies from operations research (exact and metaheuristic approaches for network optimization) and computer science (machine learning) into a single mathematical framework.

Out-of-Sample Prediction Using Shrinkage-Estimators

Contact person: Leeb, Hannes

2014 - 2017

Modern statistical theory features powerful and highly efficient shrinkage estimators. In regression, performance analyses of such estimators are mainly focused on parameter estimation and on in-sample prediction, where the goal is estimation of the regression function at those points that were observed in the training sample. Comparatively little is known about the performance of shrinkage estimators for out-of-sample prediction, where the goal consists of estimating the regression function at new and hitherto un-observed points. Recently, Huber and Leeb (2013) showed that the James-Stein estimator can fail to dominate the maximum-likelihood estimator for out-of-sample prediction. The goal of the proposed research project is to analyze this and related phenomena, to design new shrinkage estimators with good predictive performance out-of-sample, and to develop inference methods like prediction intervals based on these new estimators.

Securing Health Care in Emergency Situations

Contact person: Rauner, Marion

2014 - 2017

Large scale disasters – be they natural, deliberate or accidental – are inevitable. They do not respect borders, a large number of people will die and the long term consequences from economic to mental health can for years devastate the affected population. S-HELP targets the central challenges in risk management by developing a holistic framed approach. The central aim of the project "Securing Health Emergency Learning Planning (S-HELP)" is to develop and deliver a holistic framed approach to healthcare preparedness, response and recovery. S-HELP is a people, process and technological solution to emergency situations.

Risk Capital for Flood Catastrophes in Europe

Contact person: Pflug, Georg

2014 - 2017

In recent years, we have observed lots of natural catastrophes in Austria, Europe and the whole world. These catastrophes have direct impact on the financial strength of affected countries, often leading to increasing taxes, additional public debts and budget diversion. Of course, these impacts have further consequences on the availa-

ble budget of private households and/or governments, thus reducing investments and opportunities for the future.

The aims of this project are twofold:

- to set the theoretical background for statistical risk modeling of regional and temporal distributed catastrophic events
- to analyze and design insurance schemes for interregional and international protection against losses from these events.

Autocorrelation Robust Testing in Regression Models

Contact person: Pötscher, Benedikt M.

2015 - 2016

Testing hypotheses on regression coefficients in linear models with correlated disturbances is a topic of central interest in econometrics and statistics. Even in a Gaussian setting this is a non-trivial testing problem due to the presence of the (possibly infinite-dimensional) nuisance parameters that govern the dependence structure. Most tests available in the literature are F-tests that are corrected for the autocorrelation in the data (also known as "autocorrelation-consistent" or "autocorrelation robust" tests), and are justified on the basis of a standard asymptotic analysis.

Recently, Preinerstorfer and Pötscher (2013) have shown analytically that in finite samples these procedures typically break down into either the size of these autocorrelation-corrected F-type tests is equal to one, or the nuisance-minimal power is equal to zero (which of the two cases arises depends on an observable quantity being either above or below a certain threshold). Furthermore, they identified the cause for this effect, namely a concentration effect due to strong correlation. Exploiting this observation they suggested an adjustment procedure for autocorrelation-corrected F-type tests that can render such a test immune to the concentration effect. For the adjustment procedure to work, assumptions concerning the behavior of the correlation structure at its "singular boundary" and the number of its so-called concentration subspaces have to be satisfied (which is, e.g., the case for autoregressive models of order 1). The goal of the proposed project is to understand the testing problem for more complex correlation models that do not satisfy these assumptions, and to design appropriate adjustment procedures that perform well in terms of finite sample size and power properties of the resulting tests in these more difficult settings.

Modelling Banking Crisis

Contact person: Kunst, Robert

2015 - 2016

As a consequence of the recent economic crisis, the attention in the financial and enterprise sector has shif-

ted to the importance of macro-economic developments and their international interdependence for risk-modeling. The proposed research and development project is dedicated to implementing an appropriate up-to-date macro-economic forecasting model which is especially suitable for conducting global scenario analysis and stress tests as well as further developing such models in selected dimensions. The outcome should be incorporated as a standardized instrument for forecasts, analysis, and stress tests for customer's risk management.

The aim of this proposal is to lift macro-economic risk analysis and management to a higher level in the private sector by using predestined newer models. The innovative accomplishment of the F&E proposal are (1) an advanced, more anticipatory and globally integrated – while at the same time a regionally customized – macro-forecasting, analysis, and stress testing tool, which (2) can be made available for the integration of risk management into the financial and enterprise sector. Thus, for the implementation of high-quality macro-analysis, customers are assessed as significant input for this kind of product as well as thereby associated services.

Externally Funded Graduate Schools

Vienna Graduate School of Economics (VGSE)

Contact person: Janssen, Maarten

2010 - 2015

VGSE offers a broad three-year PhD program in economics with a world-class faculty located in the center of the "number 1 quality of living city worldwide". VGSE is a collaboration of the University of Vienna and the Institute for Advanced Studies and specializes in offering field courses and research seminars where students and professors present ongoing research, and intensively supervised research time. The program is entirely run in English. The faculty members are recognized by the international research community as experts in Microeconomics, Macroeconomics, or Econometrics and are well connected to the international research community. The program aims at attracting the best students from Austria and abroad. Applicants at VGSE have completed a master's program with advanced courses in microeconomics, macroeconomics, and econometrics. Students graduating from the Vienna Graduate School of Economics should have developed into independent researchers of the highest academic standards.

Vienna Graduate School of Finance (4th Funding Period)

Contact person: Gehrig, Thomas

2011 - 2016

The Vienna Graduate School of Finance provides training for junior faculty in the areas of banking and finance. Gra-

duates are internationally placed. The track record includes MIT, Georgia Tech, University of Wisconsin, University of Amsterdam, Aarhus University, BI Norwegian Business School, University of Oslo, University of Copenhagen, Humboldt University, University of Odense, Hong Kong University, University, University, University, University, University, University, University, University, University of Calgary and many more.

Vienna Graduate School on Computational Optimization

Contact person: Pflug, Georg

2015 - 2019

This project is a co-operation between the University of Vienna, the TU Vienna and the Institute for Science and Technology (IST Austria). The University of Vienna is represented by three faculties: Faculty of Business, Economics and Statistics, Faculty of Mathematics and Faculty of Informatics. The aim is to offer candidates (doctoral students) an extensive education in Optimization with special regards to algorithmic and computational aspects. The special characteristic of the project is that it covers the whole scope of theory, application and implementation. The participating faculty members guarantee the consideration of practically all aspects of modern Optimization (Combinatorial Optimization, Global Optimization, Heuristic Optimization, Nonlinear Optimization, Stochastic Optimization, Dynamic Optimization, Optimization in Game Theory and Data Analysis). The research themes to be processed developed from concrete practical problems. The works of the candidates should contribute to finding solutions. Faculty members besides Georg Pflug are Immanuel Bomze (University of Vienna), Monika Henzinger (University of Vienna), Arnold Neumaier (University of Vienna), Günther Raidl (TU Vienna), Hermann Schichl (University of Vienna) und Caroline Uhler (IST Austria).

Dissemination of Research

This section lists our activities in disseminating, discussing and debating research. We first list the 9 workshops that have been organized by members of our faculty at the University of Vienna in chronological order. Starting at page 70, we list the presentations in one of our 10 seminar series and sstarting at page 79, we list contributions of faculty members in the media (newspaper articles, popular writing etc.)

Workshops and Conferences with International Scope and Participation

45. Jahrestagung der Wissenschaftlichen Kommission Marketing

January 29-30, 2015

Organizer:

Wagner, Udo (University of Vienna)

Speakers:

Albers, Sönke (Kühne Logistics University)

Benkenstein, Martin (University of Rostock)

Büschken, Joachim (University of Eichstätt-Ingolstadt)

Garaus, Marion (University of Vienna)

Hofer, Katharina (University of Linz)

Hruschka, Harald (University of Regensburg)

Kamleitner, Bernadette (Vienna University of Economics and Business)

Kreis, Henning (Free University of Berlin)

Löhndorf, Birgit (Vienna University of Economics and Business)

Mai, Robert (University of Kiel)

Schlereth, Christian (WHU – Otto Beisheim School of Management)

Schreier, Martin (Vienna University of Economics and Business)

Thomas, Niels Peter (Springer Gabler)

Wagner, Udo (University of Vienna)

VeRoLog 2015

June 6-10, 2015

Organizers:

Hartl, Richard

Dörner, Karl (both University of Vienna)

Keynote Speakers:

Bektasn, Tolga (University of Southampton) Saveslbergh, Martin (Georgia Tech)

Speakers:

Absi, Nabil (Ecole des Mines de Saint-Etienne)

Ahuja, Nitin (PTV Group)

Álvarez Martínez, David (La Salle University)

Anagnostopoulou, Afroditi (Centre for Research and

Technology Hellas)

Anderluh, Alexandra (Vienna University of Economics and Business)

Archetti, Claudia (University of Brescia)

Arslan, Alp (Rotterdam School of Management)

Bacher, Christopher (Vienna University of Technology)

Batta, Rajan (University at Buffalo, SUNY)

Bektas, Tolga (Southampton Business School) Belenky, Alexander (National Research University Hig-

her School of Economics and MIT)

Belgin, Onder (Gazi University)

Belloso, Javier (University of Navarra)

Ben Ismail, Sahbi (Télécom Bretagne)

Bozkaya, Burcin (Sabanci University)

Braekers, Kris (Hasselt University)

Brinkmann, Jan (Braunschweig University of Technology)

Buer, Tobias (University of Bremen)

Burkart, Christian (Vienna University of Economics and Business)

Calvete, Herminia I. (University of Zaragoza)

Cherkesly, Marilène (École Polytechnique de Montréal)

Christiaens, Jan (University of Leuven)

Côté, Jean-François (Laval University)

Davari, Soheil (Cardiff University)

Defryn, Christof (University of Antwerp)

Deineko, Vladimir (Warwick University)

Demir, Emrah (Eindhoven University of Technology)

Di Francesco, Massimo (University of Caligari)

Doppstadt, Christian (Goethe University Frankfurt)

Dragan, Irinel (University of Texas)

Eglese, Richard (Lancaster University)

Ehmke, Jan Fabian (Free University of Berlin)

Ekici, Ali (Ozyegin University)

Eufinger, Lars (Technical University of Dortmund)

Fagerholt, Kjetil (Norwegian University of Science and Technology)

Fontaine, Pirmin (Technical University of Munich)

Fontana, Dario (University of Brescia)

Frank, Stefan (Institute for Logistics and Aviation)

Fry, Michael (University of Cincinnati)

Gambella, Claudio (University of Bologna)

Ganguly, Kunal (Indian Institute of Management

Kashipur)

Geiger, Martin Josef (Helmut-Schmidt-University Hamburg)

Giray, Begum (TOBB University of Economics and

Technology)

Gouveia, Luís (University of Lisbon)

Grasas, Alex (Business School Barcelona)

Gribkovskaia, Irina (Molde University College)

Grimault, Axel (École des Mines de Nantes)

Groß, Patrick-Oliver (Braunschweig University of Technology)

Gschwind, Timo (Johannes Gutenberg University Mainz)

Guastaroba, Gianfranco (University of Brescia)

Guemri, Oualid (University of Oran1 Ahmed Ben Bella)

Guerriero, Emanuela (University of Lecce)

Hasle, Geir (SINTEF ICT)

Hemmelmayr, Vera (Vienna University of Economics and Business)

Hesam Sadati, Mir Ehsan (Koç University)

Hiermann, Gerhard (AIT Austrian Institute of Technology)

Ho, Chun-Hsing (Arizona University)

Hurkała, Jarosław (Institute of Control & Computation Engineering)

Kaleta, Jacek (Cracow University of Technology)

Kara, Bahar Yetis (Bilkent University)

Kaspi, Mor (Tel-Aviv University)

Khan, Raza (University of Manchester)

Kilby, Philip (NICTA and The Australian National University)

Kloimüllner, Christian (Vienna University of Technology)

Koç, Çağrı (University of Southampton)

Kocatürk, Fatih (İzmir University of Economics)

Konak, Abdullah (Penn State University)

Kontovas, Christos (Technical University of Denmark)

Köster, Felix (Braunschweig University of Technology)

Küçüktepe, Murat (University of Vienna)

Kulturel-Konak, Sadan (Penn State University)

Laganà, Demetrio (Energy and Management Engineering)

Lahyani, Rahma (Laval University)

Larrain, Homero (Pontifical Catholic University of Chile)

Larsen, Rune (Technical University of Denmark)

Lee, John Steven (De La Salle University)

Lehuédé, Fabien (L'UNAM University)

Li, Yuan (University of Technology of Troyes)

Lin, Jane (University of Illinois at Chicago)

López Sánchez, Ana Dolores (Pablo de Olavide University)

Lum, Oliver (University of Maryland)

Lysgaard, Jens (Aarhus University)

Maciejewski, Michal (Poznan University of Technology)

Malekly, Hooman (Islamic Azad University)

Mancini, Simona (Polytechnic University of Turin)

Markov, Iliya (Ecole Polytechnique Fédérale de Lausanne)

Matl, Piotr (University of Vienna)

Mesquita, Marta (CMAF-CIO)

Michelini, Stefano (University of Liège)

Miranda, Pablo (Pontifical Catholic University of Valparaíso)

Molenbruch, Yves (Research Group Logistics)

Mourão, Cândida (Lisbon School of Economics & Management)

Nagy, Gábor (University of Kent)

Narayanaswami, Sundaravalli (Indian Institute of Management Ahmedabad)

Neumann Saavedra, Bruno Albert (University of Braunschweig)

Nikolic, Milos (University of Belgrade)

Nohra Haddad, Matheus (Federal Fluminense

University)

Ohlmann, Jeffrey (University of Iowa)

Ozbaygin, Gizem (Bilkent University)

Parragh, Sophie (University of Vienna)

Pelikan, Jan (University of Economics Prague)

Pérez Rivera, Arturo (University of Twente)

Pérez-Rodríguez, Ricardo (CIMAT)

Pisacane, Ornella (eCampus University)

Plana, Isaac (University of Valencia)

Pollaris, Hanne (Hasselt University)

Raviv, Tal (Tel Aviv University)

Reuther, Markus (Zuse-Institut Berlin)

Riera-Ledesma, Jorge (University of La Laguna)

Roca-Riu, Mireia (CENIT - Centre for Innovation in

Transport)

Romauch, Martin (University of Vienna)

Rusdiansyah, Ahmad (Transportation and Distribution

Logistics (TDLog) Research Group)

Ruthmair, Mario (University of Vienna)

Salazar González, Juan José (University of La Laguna)

Santos-Hernández, Beatriz (University of La Laguna)

Savaser, Sinem (Bilkent University)

Savelsbergh, Martin (Georgia Institute of Technology)

Schepler, Xavier (University of Le Havre)

Schönberger, Jörn (Dresden University of Technology)

Štiglic, Mitja (University of Ljubljana)

Sun, Peng (Eindhoven University of Technology)

Tzur, Michal (Tel Aviv University)

Ulmer, Marlin Wolf (Braunschweig University of Tech-

nology)

Van den Bossche, Thomas (University of Leuven)

Vargas, Leticia (University of Toulouse)

Veenstra, Marjolein (University of Groningen)

Verma, Manish (McMaster University)

Verstichel, Jannes (University of Leuven)

Vidal, Thibaut (PUC-Rio - Pontifical Catholic University

of Rio de Janeiro) Vigo, Daniele (University of Bologna)

Vornhusen, Benedikt (University of Bremen)

Wallace, Stein W. (Norwegian School of Economics)

Wensing, Thomas (INFORM GmbH)

Yavuz, Mesut (University of Alabama)

Yildirim, U. Mahir (Sabanci University)

Yuan, Zhi (Helmut Schmidt University)

Yücel, Eda (TOBB University of Economics and Techno-

logy)

Zachariadis, Emmanouil (Athens University of Econo-

mics and Business)

Zehtabiyan, Soheyl (TOBB University of Economics and Technology)

The Vienna Conference on Strategy, Organizational Design, and Innovation

June 20-21, 2015

Organizer:

Reitzig, Markus (University of Vienna)

Speakers:

Alexy, Oliver (Technical University of Munich) Baumann, Oliver (University of Southern Denmark) Clough, David (INSEAD) Gibb, Jennifer (University of Waikato)
Keum, Daniel (New York University)
Klapper, Helge (University of Vienna)
Knudsen, Thorbjorn (University of Southern Denmark)
Lecuona Torras, Ramon (Duke University)
Marku, Elona (University of Cagliari)
Posen, Hart E. (University of Wisconsin)
Sakhartov, Arkadiy (University of Pennsylvania)
Sevcenko, Victoria (London Business School)
Stern, Ithai (Northwestern University)

Stieglitz, Nils (Frankfurt School of Finance &

Management)

Tuna, Simge (ETH Zurich)

Vinokurova, Natalya (University of Pennsylvania)

Keynot Speakers:

Brandenburger, Adam (New York University)

Lenox, Mike (University of Virginia) Shapira, Zur (New York University)

OR2015 - International Conference on Operations Research

September 1-4, 2015

Organizer:

Pflug, Georg (University of Vienna)

Keynote Speakers:

Fischetti, Matteo (University of Padova) Scott, Steve (Google)

Semi-Plenary Speakers:

Brandeau, Margaret (Stanford University)
Cook, William (University of Waterloo)
Grüne, Lars (University of Bayreuth)
Huisman, Dennis (Erasmus University Rotterdam)
Leung, Janny (Chinese University Hong Kong)
Minner, Stefan (Technical University of Munich)
Möller, Torsten (University of Vienna)
Prekopa, Andras (Rutgers State University)
Ruiz García, Rubén (Polytechnic University of Valencia)
Vigo, Daniele (University of Bologna)
Wozabal, David (Technical University of Munich)

Behavioral Public Economics

September 10-11, 2015

Organizers:

Sausgruber, Rupert (Vienna University of Economics and Business)

Tyran, Jean-Robert (University of Vienna)

Speakers:

Casari, Marco (University of Bologna) Cason, Tim (Purdue University) Gächter, Simon (University of Nottingham) Hamman, John (Florida State University) Houser, Dan (George Mason University)
Maréchal, Michel (University Zurich)
Ockenfels, Axel (University of Cologne)
Schildberg-Hörisch, Hannah (University of Bonn)
Suetens, Sigrid (Tilburg University)
Tyran, Jean-Robert (University of Vienna)

6th EMAC Regional Conference

September 16-18, 2015

Organizers:

Wagner, Udo (University of Vienna) Schuh, Arnold (Vienna University of Economics and Business)

Speakers:

Altingne, Nesenur (Istanbul Bilgi University)
Amatulli, Cesare (Luiss University)
Arslanagic-Kalajdzic, Maja (University of Sarajevo)
Balabanis, George (Cass Business School London)
Barbosa, Anna Leticia (IAG-Business School PUC-Rio)
Bartsch, Fabian (University of Vienna)
Bertea, Patricea Elena (Alexandru Ioan Cuza University)

Bodlaj, Mateja (University of Ljubljana)
Brecic, Ruzica (University of Zagreb)
Ceobanu, Ciprian (Alexandru Ioan Cuza University)
Chailan, Clauda (EM Streebourg Business School)

Chailan, Claude (EM Strasbourg Business School) Chumpitaz, Ruben (Catholic University of Lille) Corciolani, Matteo (University of Pisa)

Costabile, Michele (Luiss University) Csordas, Tamas (Corvinus University of Budapest)

Czellar, Sandor (University of Lausanne)

Dalli, Daniele (University of Pisa)
Daviy, Anna (Higher School of Economics)

Davvetas, Vasileios (University of Vienna) De Angelis, Matteo (Luiss University)

De Nisco, Alessandro (University of Sannio)

Diamantopoulos, Adamantios (University of Vienna)
Doligalski, Tymoteusz (Warsaw School of Economics)
Falkenrock, Christing (Hof University of Applied Scien

Falkenreck, Christine (Hof University of Applied Sciences)

Farhangmehr, Minoo (University of Minho)

Farias, Pablo (University of Chile)

Feder, Emöke-Szidonia (West University of Timisoara) Ferreira Antunes De Sousa, Ana Daniela (University of Minho)

Foltean, Florin Sabin (West University of Timisoara) Fritz, Wolfgang (Braunschweig University of Technology)

Gandolfo, Alessandro (University of Pisa) Garaus, Marion (University of Vienna)

Gelei, Andrea (Corvinus University of Budapest)
Golovacheva, Kseniia (St. Petersburg State University)

Gyulavari, Tamas (Corvinus University of Budapest)

Halkias, Georgios (University of Vienna) Herz, Marc (University of Vienna)

Horvath, Dora (Corvinus University of Budapest) Ionescu, Adrian (West University of Timisoara) Kadic-Maglajlic, Selma (University of Sarajevo) Karaosmanoglu, Elif (Istanbul Bilgi University) Kavaliauske, Monika (Vilnius University) Kemeny, Ildiko (Corvinus University of Budapest) Kenesei, Zsofia (Corvinus University of Budapest) Keszey, Tamara (Corvinus University of Budapest) Khomich, Svetlana (St. Petersburg State University) Kocher, Bruno (University of Lausanne) Kolos, Krisztina (Corvinus University of Budapest) Komarac, Tanja (University of Zagreb) Kos Koklic, Mateja (University of Ljubljana) Kukar-Kinney, Monika (University of Richmond) Lilli, Nora (Corvinus University of Budapest) Liu, Richie (Washington State University)

Manzinger, Sandra (University of Vienna)
Marino, Vittoria (University of Salerno)

Markos-Kujbus, Eva (Corvinus University of Budapest)

Mainolfi, Giada (UNINT University of International

Mikulic, Josip (University of Zagreb)

Studies of Rome)

Micevski, Milena (Loughborough University) Mitev, Ariel (Corvinus University of Budapest)

Motta, Paulo Cesar (Pontifical Catholic University of Rio de Janeiro)

Muller, Brigitte (Toulon University)

Mundorf, Norbert (University of Rhode Island)

Munteanu, Corneliu (Alexandru Ioan Cuza University)

Murphy, Patrick E. (University of Notre Dame)

Musatova, Zhana (Plekhanov Russian University of Economics)

Nagy, Akos (University of Pecs)

Napolitano, Maria Rosaria (University of Sannio)

Nesterova, Ekaterina (St. Petersburg State University of Economics)

Nobre, Helena (University of Aveiro)

Obada, Daniel Rares (Alexandru Ioan Cuza University) Ozretic-Dosen, Durdana (University of Zagreb)

Paetz, Friederike (Clausthal University of Technology)

Paladino, Angela (The University of Melbourne)

Paparoidamis, Nicholas G. (Catholic University of Lille)

Pereira, Olga (University of Minho)

Platz, Petra (Szechenyi Istvan University)

Pogrebova, Olga (St. Petersburg State University of Economics)

Purg, Danica (CEEMAN)

Rebiazina, Vera (National Research University)

Resnik, Saba (University of Ljubljana)

Rungnontarat Charinsarn, Alisara (Thammasat University)

Saginova, Olga (Plekhanov Russion University of Economics)

Shirshova, Olga (St. Petersburg State University of Economics and Finance)

Simoes, Claudia (University of Minho)

Simon, Judit, (Corvinus University of Budapest)

Sincic Coric, Dubravka (University of Zagreb)

Skare, Vatroslav (University of Zagreb)

Skorobogatykh, Irina (Plekhanov Russian University of Economics)

Smirnova, Maria (St. Petersburg State University) Solovjova, Julia (St. Petersburg State University of

Economics)

Spangenberg, Eric (University of California, Irvine)

Sprott, David E. (Washington State University)

Stathopoulou, Anastasia (London University)

Stier, Zsofia (Corvinus University of Budapest)

Szücs, Krisztian (University of Pecs)

Tassiello, Vito (Luiss University)

Tee, Wengi (The University of Melbourne)

Tomczyk, Emilia (Warsaw School of Economics)

Tomczyk, Przemyslaw (Kozminski University)

Trushnikova, Irina O. (St. Peterburg State University of Economics)

Tuan, Annamaria (University of Pisa)

Veres, Zoltan (Budapest Business School)

Vida, Irena (University of Ljubljana)

Wagner, Ralf (University of Kassel)

Wagner, Udo (University of Vienna)

Weitzl, Wolfgang (University of Vienna)

Yuldasheva, Oxana (St. Petersburg State University of

Economics and Finance)

Zabkar, Vesna (University of Ljubljana)

Zaborek, Piotr (Warsaw School of Economics)

Zait, Adriana (Alexandru Ioan Cuza University)

Zavyalova, Nadezda (Plekhanov Russion University of Economics)

Zniva, Robert (Vienna University of Economics and Business)

32. Meeting of the Annual European Association of Law and Economics – EALE 2015

September 17-19, 2015

Organizers:

Gehrig, Thomas (University of Vienna) Lewisch, Peter (University of Vienna) Weigel, Wolfgang (University of Vienna)

Speakers:

Motta, Massimo (DG Comp, EC, Brussels and Pompeu Fabra University)

Zechner, Josef (Vienna University of Economics and Business)

Panel Participants:

Gehrig, Thomas (University of Vienna)

Kodek, Georg (Vienna University of Economics and Business)

Nowotny, Ewald (ÖNB)

Pacces, Alessio (Erasmus University Rotterdam)

Paulus, Christoph (Humboldt University of Berlin)

Schäfer, Dorothea (DIW Berlin)

Schäfer, Hans-Bernd (University of Hamburg)

Spindler, James (University of Texas at Austin)

ÖFG-Workshop: Accounting, Information and Financial Crises

November 4-5, 2015

Organizers:

Bank, Mathias (University of Innsbruck) Gehrig, Thomas (University of Vienna) Wagenhofer, Alfred (University of Graz) Zechner, Josef (Vienna University of Economics and Business)

Speakers:

Böckem, Sabine (University of Basel) Bredendieck, Maximilian (University of Vienna) Bushman, Robert (University of North Carolina at Chapel Hill) Haas, Marlene (Vienna Graduate School of Finance) Hledik, Juraj (Vienna Graduate School of Finance) Iannino, Maria-Chiara (University of Vienna) Kronenberger, Sebastian (DART, University of Graz) Mestel, Roland (University of Graz) Pagano, Marco (University of Napoli) Pfingsten, Andreas (University of Münster) Rauter, Thomas (Vienna Graduate School of Finance) Reynolds, Julia (Vienna Graduate School of Finance) Ruf, Daniel (University of St. Gallen) Schiller, Ulf (University of Basel) Schmidt, Markus (University of Innsbruck) Stein, Michael (University of Duisburg-Essen) Zhuk, Sergey (University of Vienna)

5. Nachwuchswissenschaftler Workshop Banken und Finanzmärkte

November 12-13, 2015

Organizers:

Gehrig, Thomas (University of Vienna) Welzel, Peter (University of Augsburg) Pausch, Thilo (Deutsche Bundesbank)

Speakers:

Buschmann, Christian (Frankfurt) Cycon, Lisa (Frankfurt School of Banking & Finance) El Mouaauoy, Florian (Ludwig Maximilian University of Munich)

Grimme, Christian (Ifo, Munich)

Link, Thomas (Heinrich Heine University Düsseldorf)

Pakchanyan, Suren (Oldenburg)

Schupp, Florian (Deutsche Bundesbank)

Walter, Thomas (Dresden University of Technology)

Windl, Martin (Augsburg)

EMNet 2015

December 3-5, 2015

Organizers:

Windsperger, Josef (University of Vienna)
Faculty of Economic and Management Sciences (EMS),
University of the Western Cape

Speakers:

Al Abdulsalam, Mohamad (Blaise Pascal University) Aliouche, E. Hachemi (University of New Hampshire) AlQahtany, Mohammed Duliem (King Faisal University) Aoyama, Yuko (Clark University)

Arendse, Morne (University of Western Cape) Babutsidze, Zakaria (SKEMA Business School & OFCE Sciences Po)

Barbic, Frano (Polytechnic University of Milan)

Basset, Guy (University of Rennes 1)

Belgraver, Herman (Queen's University of Belfast)

Bell, Abraham (Bar Ilan University)

Bello, Adeola Balikis (Multi-links Telecommunications Limited)

Berrahou, Faffa Souhila (National School of Political Sciences)

Bismans, Francis (University of Lorraine)
Bohlmann, Clarissa (University of Groningen)
Bonet Fernandez, Dominique (IPAG & CRET-LOG
Aix-Marseille University)

Bonnici, Francois (University of Cape Town)

Borrello, Massimiliano (University of Naples Federico II) Bortoleto, Fabiana Cherubim (University of São Paulo) Bouzid, Sofiane (The French National Centre for Scientific Research)

Breda, Kyle (University of Western Cape) Burlina, Chiara (University of Padova) Burzynska, Katarzyna (Lund University)

Busse, Martin (Brandenburg University of Technology) Čalopa, Marina Klačmer (University of Zagreb) Cassou, Fabrice (University of Rennes 1, University of

Bordeaux) Chanda, Hillary (Copperbelt University) Chaudey, Magali (University of Lyon) Chilwan, Abdul (University of Western Cape)

Cliquet, Gérard (University of Rennes 1)

Codron, Jean-Marie (French National Institute for Agricultural Research)

Coldwell, David (University of the Witwatersrand)

Croonen, Evelien (University of Groningen)

Dada, Lola (Lancaster University)

Deng, Wendong (Erasmus University Rotterdam)

Dewes, Kristina (University of Stuttgart)

Dichiara, Raúl O. (The Institute of Economic and Social Research of the South (CONICET-UNS))

Dilger, Mathias (Friedrich-Alexander University Erlangen-Nuremberg)

Du Plessis, Marieta (University of Western Cape) Du Toit, Anita (Franchising Plus) Fadairo, Muriel (University of Lyon)

Fernández Olmos, Marta (University of Zaragoza)

Fisker, Tine (University of Cape Town)

Frank, Laurence Catherine (University of Strasbourg)

Gorji, Yasaman (Concordia University)

Gorovaia, Nina (Frederick University)

Govender, Patsy (University of KwaZulu-Natal)

Gretzinger, Susanne (University of Southern Denmark)

Griessmair, Michele (University of Vienna)

Grünhagen, Marko (Eastern Illinois University)

Guillouzo, Raymond (University of Rennes 2)

Hakelius, Karin (Swedish University of Agricultural Sciences)

Hansen, Jesper Rosenberg (Aarhus University)

Harms, Henrik (Hamburg Institute of Family Owned Business)

Hartley, Dorian (University of Western Cape)

Hatak, Isabella (WU Wien)

Hendrikse, George (RSM, Erasmus University)

Hess, Sebastian (University of Kiel)

Heyer, Thilo (University of Cologne)

Hirschsohn, Phillip (University of Western Cape)

Hoehler, Julia (Justus-Liebig University Giessen)

Horvath, Sonja (University of Vienna)

Hussain, Dildar (ESC Rennes School of Business)

Illetschko, Kurt (Franchise Association of South Africa)

Ilori, Emmanuel (University of Western Cape)

Iyigun, N. Oyku (Istanbul Commerce University)

Jarosiński, Krzysztof (The Warsaw School of Economics)

Jovanovic, Tanja (Friedrich-Alexander-University Erlangen-Nuremberg)

Korpas, Edyta (University of Leuven)

Kotliarov, Ivan (National Research University)

Kuehl, Rainer (Justus-Liebig University Giessen)

Lanchimba, Cintya (National Polytechnic School of Quito)

Lang, Richard (University of Birmingham)

Le Nadant, Anne-Laure (Normandy University)

Leroch, Martin A. (Johannes Gutenberg University of Mainz)

Machikicho, Delphino (University of Western Cape)

Mactavie, Melissa (University of Western Cape)

Madanoglu, Melih (Florida Atlantic University)

Manouchehrabadi, Behrang (Erasmus University Rot-

terdam)

Märkel, Christian (University of Münster)

Maśloch, Grzegorz (Warsaw School of Economics)

Meiseberg, Brinja (University of Münster)

Miao, Xin (Zhejiang University)

Molinari, Gisele (Federal University of Rio Grande do Sul)

Morasch, Karl (Bundeswehr University Munich)

Narker, Imraan (University of Western Cape)

Nell, Luke (University of Western Cape)

Ngumbela, Zikhona Anita (University of Western Cape)

Nijssen, Edwin J. (Eindhoven University of Technology)

Nilsson, Jerker (Swedish University of Agricultural

Sciences)

Ollila, Petri (University of Helsinki)

Padula, Antonio Domingos (Federal University of Rio Grande do Sul)

Parker, Hamieda (University of Cape Town)

Parumasur, Sanjana Brijball (University of KwaZulu-Natal)

Pascucci, Stefano (Wageningen University)

Pellegrin-Romeggio, Frédéric (University of Saint-Étienne)

Perdreau, Frédéric (University of Lyon)

Peters, Ricardo (University of Western Cape)

Petersen, Rayyaan (University of Western Cape)

Petruchenya, Anna (Erasmus University Rotterdam)

Planko, Julia (HU University of Applied Sciences Utrecht)

Poulsen, Stine Munk (Aarhus University)

Prašnikar, Janez (University of Ljubljana)

Pretorius, Kyle (University of Western Cape)

Robinson, Andrew (Department of Health of the North West Province)

Roessl, Dietmar (Vienna University of Economics and Business)

Rondé, Patrick (University of Strasbourg)

Rysstad, Sigurd (The Norwegian University of Life

Sciences)

Sadeh, Farhad (McMaster University)

Sahut, Jean-Michel (IPAG Business School)

Sashi, C.M. (Florida Atlantic University)

Schaefer, Henry (University of Stuttgart)

Schamel, Guenter (Free University of Bozen-Bolzano)

Scholtz, Wayne (University of Western Cape)

Siccion, Olivia Ann S. (Bataan Peninsula State University)

Sine, Wesley (Cornell University)

Specht, Dieter (Brandenburg University of Technology)

Sreckovic, Marijana (Vienna University of Technology)

Streed, Odile (Concordia College)

Tarabasz, Anna (University of Lodz)

Teufel, Stephanie (University of Fribourg)

Towner, Matt (International Centre for Social Franchising)

van Rijnsoever, Frank J. (Utrecht University)

Verwaal, Ernst (University of Leuven)

von Danwitz, Simon (University of Cologne)

Warraich, Muhammad Akib (University of Rennes 1)

Weiss, Christoph (Vienna University of Economics and

Business)

Windsperger, Josef (University of Vienna)

Wolz, Axel (Leibniz Institute of Agricultural Develop-

ment in Transition Economies)

Yalcintas, Murat (Istanbul Commerce University)

Yaqub, Zafar (King Abdulaziz University)

Zsifkovits, Martin (Bundeswehr University Munich)

Workshop on Risk Management in Very High Dimensions

December 8-9, 2015

Organizer:

Pflug, Georg (University of Vienna)

Speakers:

Chen, Cathy (Humboldt University of Berlin)

Guzmics, Sandor (University of Vienna)
Härdle, Wolfgang Karl (Humboldt University of Berlin)
Hautsch, Nikolaus (University of Vienna)
Horvath, Akos (University of Vienna)
Pohl, Mathias (University of Vienna)
Ristig, Alexander (University of Vienna)
Zbonakova, Lenka (Humboldt University of Berlin)

Workshops and Conferences with National Scope and Participation

3rd VCEE Awayday

May 7-8, 2015

Organizer:

Tyran, Jean-Robert (University of Vienna)

Speakers:

Kartal, Melis (University of Vienna)
Powell, Owen (University of Vienna)
Shestakova, Natalia (University of Vienna)
Sonntag, Axel (University of East Anglia)
Spitzer, Florian (Vienna University of Economics and Business)
Stephens, Thomas (Vienna University of Economics and

Business)
Wagner, Alexander K. (University of Vienna)

OEGOR-working group "Operations Research im Gesundheitswesen" and the Austrian Health Economics Association (ATHEA)

May 22, 2015

Organizers:

Rauner, Marion (University of Vienna)
Sommersguter-Reichmann, Margit (University of Graz)
Czypionka, Thomas (IHS Wien)
Riedel, Monika (IHS Wien)

Speakers:

Falagara, Ioanna (Vienna University of Economics and Business)

Kettinger, William (Vienna University of Economics and Business)

Niessner, Helmut (University of Vienna)

Pruckner, Gerald (University of Linz)

Rauner, Marion (University of Vienna)

Sasse, Lisa (University of Vienna)

Schober, Thomas (University of Linz)

Tomic, Kristina (University of Vienna)

Wakolbinger, Tina (Vienna University of Economics and Business)

Mini Workshop and Get Together in "Economic Ana-

lysis of Law and Institutions"

May 28, 2015

Organizers:

Lewisch, Peter (University of Vienna) Tyran, Jean-Robert (University of Vienna)

Speakers:

Cunat, Alejandro (University of Vienna)
Lengauer, Alina-Maria (University of Vienna)
Müller, Wieland (University of Vienna)
Piska, Christian (University of Vienna)
Reinisch, August (University of Vienna)
Risak, Martin (University of Vienna)
Schmidt-Dengler, Philipp (University of Vienna)
Tyran, Jean-Robert (University of Vienna)

Herbsttreffen ATHEA / OEGOR Arbeitsgruppe "OR im Gesundheitswesen"

September 25, 2015

Organizers:

Sommersguter-Reichmann, Margit (University of Graz) Rauner, Marion (University of Vienna) Czypionka, Thomas (IHS Wien) Riedel, Monika (IHS Wien)

Speakers:

Böhler, Christian (Institute for Prospective Technological Studies (IPTS)
Pruckner, Gerald (University of Linz)
Schober, Tom (University of Linz)
Stepan, Adolf (Vienna University of Technology)
Zocher, Katrin (University of Linz)

Seminar Series

May 6

Our seminar series are platforms to discuss recent and ongoing research. The exchange of ideas takes place in a more or less informal atmosphere, depending on the format of the seminar. A brown-bag seminar is often more informal and ideal to discuss new ideas and work in pro-

gress while senior researchers tend to present polished papers in a departmental seminar. We run a total of 10 seminar series which are usually organized and funded by our departments and centers. The faculty also operates a number of PhD seminar series which primarly serve to discuss the ongoing work of our PhD students. We do not list these presentations for the sake of brevity.

Joint Research Seminar (International Marketing)

Have we Progressed Marketing Knowledge? A Meta-Meta-Analysis of Effect Sizes in Marketing Research
Eisend, Martin (Europa Universität Viadrina Frankfurt)
April 9

Ins Hirn geschaut – Neuroökonomische Erkenntnisse und ihre Bedeutung für Marketing und Marketingforschung Schmidt, Steffen (Leibniz University of Hanover)
May 4

Brand Authenticity: An Integrative Framework and Measurement Scale Morhart, Felicitas (University of Lausanne)

Clean Up (or Be Cleaned Out)! The Effect of a Retailer Sustainability Mandate on Supplier Performance Gielens, Katrijn (UNC Kenan-Flagler Business School) May 21

What Type of Relationship Do We Have with Loved Brands?

Fetscherin, Marc (Cornell Distinguished Faculty) June 2

Dyadic Perspective on Marketing Accountability and Customer Perceived Value in Business Relationships Arslanagic-Kalajdzic, Maja (University of Sarajevo) November 17

Consumer Culture Positioning Strategies Mandler, Timo (University of Hamburg) November 25

An Analysis of the Profitability of Even Pacing in Real-Time Bidding Abou Nabout, Nadia (Vienna University of Economics and Business) December 17

Rechnungswesen, Steuern und Wirtschaftsprüfung

Legitimation der Standardsetzung durch das IASB - Versuch einer sozialwissenschaftlichen Einordnung Schmidt, Matthias (Leipzig University) October 15

Methodische Herausforderungen für die geplante einheitliche europäische Körperschaftsteuerbemessungsgrundlage

Wüstemann, Jens (University of Mannheim) November 12

Ökonomische Effekte der Regulierung von Rechnungslegung Zimmermann, Jochen (University of Bremen) December 3

Opinion Shopping – Setzt Brüssel falsche Anreize? Wolz, Matthias (University of Trier) December 17

Public Lectures: Internationales Management in der Unternehmenspraxis

International Strategy of KAPSCH AG Kapsch, Georg (Kapsch AG) March 3

Competitive Advantage through Franchising: DEMMERS TEEHAUS Birnstingl, Johanna (Demmers Teehaus) April 24

The Franchise Strategy of PALMERS Korber, Manuela (Palmers Textil AG) May 8

International Strategy of HELLO STAGE Kerres, Bernhard (HELLO STAGE GmbH) May 29 International Strategy of MONDI Federer, Gaston (Mondi) May 29

International Strategy and Structure of RHI Buxbaum, Franz (RHI AG) June 19

Competitive Strategy of SAP Sickinger, Klaus (SAP Österreich) December 4

Corporate Social Responsibility Strategy of CASINOS AUSTRIA

Hoscher, Dietmar (Casinos Austria AG) December 11

December 18

Competitive Advantage through Franchising- Mrs. Sporty Dworak, Carina (Mrs. Sporty GmbH)

Seminar Series on Strategic Management and Organizational Studies

Below top status indicates mediocrity when social influence is strong

Denrell, Jerker (Warwick University) March 12

Interdependence within and across market positions Ethiraj, Sendil (London Business School) April 16

 ${\it Organizing in the Age of Competition, Cooperation, and } {\it Collaboration}$

Snow, Charles (Pennsylvania State University) May 21

Cognitive Flexibility as an Antecedent for Adaptive Decision Making: Evidence from two lab studies
Brusoni, Stefano (ETH Zurich)
June 11

Managing the Family Firm: Evidence from CEOs at Work Sadun, Raffaella (Harvard Business School July 2

Time, space and intertemporal choice: Why approaching the future makes for short-term thinking Crilly, Donal (London Business School) November 5

Institutional determinants of acquisition strategies: Empirical evidence on the effects of corruption in Russia Bertrand, Olivier (SKEMA Business School) December 3

Vienna Joint Economic Seminar

Resetting the Urban Network
Rauch, Ferdinand (University of Oxford)
January 15

Precautionary Savings, Illiquid Assets, and the Aggregate Consequences of Shocks to Household Income Risk Bayer, Christian (University of Bonn) January 15

Asymmetric Information in Automobile Insurance: Evidence from Driving Behavior
Mürmann, Alexander (Vienna University of Economics and Business)
January 29

Competition and Networks of Collaboration Roketskiy, Nikita (University College London) January 29

Pleasures of Skill and Moral Conduct Szech, Nora (Karlsruhe Institute of Technology) March 12

Dynamic Mechanisms without Money (paper jointly with Yingni Guo, Northwestern University) Horner, Johannes (Yale University) March 19

Do Female Executives Make a Difference? The Impact of Female Leadership on Gender Gaps and Firm Performance Schivardi, Fabiano (Bocconi University) March 26

Economic Correctness: Why Incomplete Markets Might Never Fail Crès, Hervé (NYU Abu Dhabi) March 26

Speculative Runs on Interest Rate Pegs Bassetto, Marco (University College London) April 16 Insolvency After the 2005 Bankruptcy Reform Albanesi, Stefania (FED NY) April 16

Preferences for Fair Prices, Cursed Inferences, and the Nonneutrality of Money Eyster, Erik (LSE) April 30

Spatial search strategies of job seekers and the role of unemployment insurance Wasmer, Etienne (SciencePo, Paris) April 30

Cheap Talk, Round Numbers, and the Economics of Negotiation

Backus, Matthew R. (Cornell University) May 21

The cost of job loss Coles, Melvyn (University of Essex) May 21

Multiproduct-Firm Oligopoly: An Aggregative Game Approach

Schutz, Nicolas (University of Mannheim) June 11

Endogenous Matching: Adverse Selection and Moral Hazard on Demand

Zame, William (University of California, Los Angeles) June 11

Bridges

Koren, Miklos (Central European University) June 18

Object Allocation via Deferred-Acceptance: Strategy-Proofness and Comparative Statics

Klaus, Bettina (University of Lausanne) June 18

Cognitive Hierarchies in the Minimizer Game
Berger, Ulrich (Vienna University of Economics and Business)
October 1

Multidimensional Skills, Sorting, and Human Capital Accumulation

Postel-Vinay, Fabien (University College London) October 1 An Empirical Investigation of the Legacies of Non-Democratic Regimes: The Case of Suharto's Mayors in Indonesia

Martinez-Bravo, Monica (CEMFI) October 15

Persuading a Heterogeneous Audience Zapechelnyuk, Andriy (University of Glasgow) October 15

Optimal Spatial Taxation: Are Big Cities too Small? Guner, Nezih (Universitat Autònoma de Barcelona) October 29

Bank Competition, Job Security, and Economic Growth Ueda, Kenichi (University of Tokyo) October 29

Math Matters: Education Choices and Wage Inequality Rendall, Michelle (University of Zurich) November 12

Pareto Efficient Income Taxation with Learning by Doing Kapicka, Marek (University of California, Santa Barbara) November 12

Games played through agents in the laboratory: A test of Prat and Rustichini (2003)

Huck , Steffen (WZB Berlin Social Science Center) November 26

The Value of Public Information in Common-Value Tullock Contests

Moreno, Diego (Charles III University of Madrid) November 26

Optimal Policy with Endogneous Signal Extraction Hauk, Esther (Autonomous University of Barcelona) December 3

A Friendly Turn: Advertising Bias in the News Media Ruenzi, Stefan (University of Mannheim) December 3

The political economy of weak treaties Harstad, Bård (University of Oslo) December 10

Growth expectations, undue optimism, and short-run fluctuations
Enders, Zeno (University of Heidelberg)

December 10

ISOR Colloquia & Seminars

Binary and Count Time Series Analysis Fokianos, Konstantinos (University of Cyprus) January 12

 $\label{thm:continuity} \textit{Testing the rank of the volatility process in multivariate } \textit{diffusion models}$

Podolskij, Mark (University of Aarhus) January 19

Analysis and prediction of non-stationary Economic Time Series

Marek Chudý, Akos Horvath (ISOR) January 26

Hypotheses testing on the optimal values of several risk-neutral or risk-averse convex stochastic programs and application to hypotheses testing on several risk measure values

Guigues, Vincent (LIP6) January 26

Optimisation approaches for bi-objective stochastic logistics

Tricoire, Fabien (University of Vienna) March 9

Multivariate spatial modeling for large datasets: backfitting, tapering and spam

Furrer, Reinhard (University of Zurich) March 16

Project evaluation and Real Option Analysis: A Hedged Monte Carlo Approach Zubelli, Jorge P. (IMPA)

March 23

Integrating Preference Information into Evolutionary Multi-objective Optimization

Branke, Jürgen (University of Warwick) April 13

Approximated Perspective Relaxations: a Project & Lift Approach

Furini, Fabio (University Paris Dauphine) April 20

Visual Tools for Decision Making Möller, Torsten (University of Vienna) April 27 Fire sales, endogenous risk and price-mediated contagion: modeling, monitoring and regulation Cont, Rama (Imperial College London) May 4

Optimization with Linear Complementarity Constraints Júdice, Joaquim João (Universidade de Coimbra) May 11

Optimization of hydro storage systems and indifference pricing of power contracts

Paraschiv, Florentina (University St. Gallen)

A robust and adaptive estimator for regression Baraud, Yannick (Laboratoire J. A. Dieudonné) June 1

May 18

Assessment of Uncertainty in High Frequency Data: The Observed Asymptotic Variance Mykland, Per (University of Chicago) June 8

Structural Vector Autoregressions with Smooth Transition in Variances: The Interaction Between U.S. Monetary Policy and the Stock Market
Lütkepohl, Helmut (Free University of Berlin)
June 15

Systemic stress testing using vine copulas Czado, Claudia (TU Munich) June 22

PhD Presentations
Luipersbeck, Martin (ISOR), Pohl, Mathias (ISOR) &
Wallisch, Christine (ISOR)
June 29

Automated and High Frequency Trading, Latency, and Financial Regulation
Kirilenko, Andrei (MIT)
October 5

Arc Routing Problems to Restore Accessibility after a Disaster Salman, Sibel (Koç University) October 12

Infeasibility, Fractional Quadratic Problems and Copositivity

Amaral, Paula A. (Universidade Nova de Lisboa)

October 19

The Diameter Constrained Spanning Tree Problem: Polyhedral Study

Leitner, Markus (University of Vienna) November 9

Bias-corrected estimation of the stable tail dependence function

Goegebeur, Yuri (University of Southern Denmark) November 16

TailCoR

Veredas, David (Vlerick Business School) November 23

Systemic risk and beyond: scalar versus multivariate approaches

Rudloff, Birgit (Vienna University of Economics and Business) November 30

Spillover Dynamics for Systemic Risk Measurement using Spatial Financial Time Series Models

Lucas, André (VU University Amsterdam) December 7

Recent developments on nesting problems (or, how to solve a puzzle where the pieces do not fit)
Oliveira, José Fernando (University of Porto)
December 14

Finance Research Seminar (VGSF)

Are stock-financed takeovers opportunistic?
Thorburn, Karin S. (Norwegian School of Economics)
February 27

Does central bank tone move asset prices? Wagner, Christian (Copenhagen Business School) March 6

Stereotypes Gennaioli, Nicola (Bocconi University) March 13

A Sharper Ratio: A General Measure for Correctly Ranking Non-Normal Investment Risks Smetters, Kent (University of Pennsylvania Wharton) March 20 Endogenous Crises and Asset Prices
Petrosky-Nadeau, Nicolas (Carnegie Mellon University)

Natural Experiment Policy Evaluation: A Critique Hennessy, Christopher (London Business School) April 10

March 27

Timing Decisions in Organizations: Communication and Authority in a Dynamic Environment Malenko, Andrey (MIT Sloan School of Management) April 17

The Hidden Side of the Market: Order Exposure and Liquidity Coordination
Hautsch, Nikolaus (University of Vienna)
April 24

Advance Refundings of Municipal Bonds Green, Rick (Carnegie Mellon University) May 29

Changes in Buyer Composition and the Expansion of Credit during the Boom Schoar, Antoinette (MIT Sloan School of Management) June 12

Monetary Policy Risks in the Bond Markets and Macroeconomy
Shaliastovich, Ivan (University of Pennsylvania Wharton)
June 15

Fracking, Drilling, and Asset Pricing: Estimating the Economic Benefits of the Shale Revolution
Roussanov, Nikolai (University of Pennsylvania Wharton)
Iune 26

Bank Payout Policy, Performance, and Insider Trading in the Financial Crisis of 2007-2009 Loranth, Gyöngyi (University of Vienna) July 1

Ownership Structure, Incentives and Asset Prices Subramanian, Ajay (Georgia State University) October 2

Does Market Incompleteness Help to Explain Exchange Rates?
Lustig, Hanno (Stanford University)
October 9

*Term structures of asset prices and returns*Chernov, Mikhail (University of California, Los Angeles)
October 16

Derivatives and interest rate risk management by commercial banks
Vuillemey, Guillaume (HEC)
October 23

Who are the Sentiment Traders? Evidence from the Cross-Section of Stock Returns and Demand
Sias, Rick (The University of Arizona)
October 30

The Informational Role of the Media in Private Lending Bushman, Robert (University of North Carolina) November 6

Liquidity in a Market for Unique Assets Specified Pool and TBA Trading in the Mortgage Backed Securities Market

Schultz, Paul (University of Notre Dame) November 13

Wholesale Banking and Bank Runs in Macroeconomic Modelling of Financial Crises Nobuhiro Kiyotaki (Princeton University)

Financing Through Asset Sales Edmans, Alex (London Business School) November 27

November 20

Portfolio Company Fees in Private Equity
Phalippou, Ludovic (Oxford University)
December 4

Hedging News with Cash and Debt Chaderina, Maria (Vienna University of Economics and Business) December 11

External Equity Financing Shocks, Financial Flows, and Asset Prices

Belo, Frederico (University of Minnesota) December 18

Brown Bag Seminar Finance

Order Exposure and Liquidity Coordination Cebirolgu, Gökhan (University of Vienna) January 21

Cross listing: price discovery dynamics and exchange rate effects

Scherrer, Christina (Aarhus University) January 28

Intraday Trading Invariance in the E-Mini S&P 500 Market Obizhaeva, Anna (New Economic School) April 15

Government Guarantees and the two-way feedback between banking and sovereign debt crisis
Leonello, Agnese (EZB)
April 22

Trader Compensation; Bank Risk and the Banking Labour Market

Boxtel, Anton von (Institute for Advanced Studies) May 13

Can the provision of long-term liquidity help to avoid a credit crunch? Evidence from the Eurosystem's LTROs Mesonnier, Jean-Stephane (Banque de France)
May 27

High-Frequency Trading and Fundamental Price Efficiency
Westheide, Christian (University of Mannheim)

Inventory Risk with Persistent Liquidity Shocks Zhuk, Sergey (University of Vienna) June 24

June 10

Compensation Duration and Risk Taking
Salitskiy, Igor (Vienna University of Economics and
Business)
October 7

Information Diffusion, Price Risk, and Momentum Ho, Hwai-Chung (National Taiwan University) October 14

Fire Sale Bank Recapitalizations
Mariathasan, Mike (University of Leuven)
November 18

Learning in Crowded Markets
Zawadowski, Adam (Boston University, visiting Central
European University)
November 25

Acquirers' Gains from Earnouts in High versus Low Valuation Periods

Barbopoulos, Leonidas (University of St. Andrews) December 2

Equity Short Sales and Options: Complements or Substitutes?

Haas, Marlene (Vienna Graduate School of Finance) December 9

VCEE Seminar Series

Corporate hierarchy and vertical information flow inside the firm — a behavioral view Reitzig, Markus (University of Vienna) January 9

Just Words? Just Speeches?" On The Economic Value of Charismatic Leadership Zehnder, Christian (University of Lausanne) January 9

Money is more than memory Bigoni, Maria (University of Bologna) March 3

March 3

A Real-Effort Experiment on Gift Exchange with Temptation Koch, Alexander (Aarhus University)

Honesty and Informal Agreements
Dufwenberg, Martin (University of Arizona)
April 4

How to Boost Revenues in FPAs? The Magic of Disclosing only Winning bids from Past Auctions Michelucci, Fabio (CERGE, Prague) April 4

(Not so) Great Expectations: Satisfaction and Payment with Experience Goods Rey-Biel, Pedro (University of Barcelona) May 29 Contestability in Non-Profit Markets
Scharf, Kimberley (University of Warwick)
Iune 12

Veto, Abstention and Frames: An Experiment on Majority with Veto Power

Llorente-Saguer, Aniol (Queen Mary University of London) June 12

October 16

October 16

Updating Ambiguous Beliefs in a Social Learning Experiment
Guarino, Antonio (University College London)

An experimental analysis of information disclosure and corporate tax avoidance
Fatas, Enrique (University of East Anglia)

The Right Look: Conservative Politicians Look Better and Voters Reward It
Poutvaara, Panu (Ludwig Maximilian University of Munich)
October 30

Radio and the Rise of the Nazis in Prewar Germany Adena, Maja (WZB Berlin Social Science Center) October 30

The dynamic evolution of individual willingness to compete Buser, Thomas (University of Amsterdam) November 13

Nash behaviour under social preferences? Best-replies, and beliefs in actions and in rationality Wolff, Irenäus (University of Constance) November 13

Freedom, Power and Interference Neri, Claudia (University St. Gallen) December 18

Reference points in sequential bargaining: Theory and experiment
Helland, Leif (BI Oslo)
December 18

Joint Vienna University Seminar Series on Strategic Management and Organizational Studies

Below Top Status indicates Mediocrity when social influence is strong
Denrell, Jerker (Warwick University)
March 12

Interdependence within and across market positions Ethiraj, Sendil (London Business School) April 16

Organizing in the Age of Competition, Cooperation, and Collaboration
Snow, Charles C. (Pennsylvania State University)
May 21

Cognitive Flexibility as an Antecedent for Adaptive Decision Making: Evidence from two lab studies Brusoni, Stefano (ETH Zurich) June 11

Managing the Family Firm: Evidence from CEOs at Work Sadun, Raffaella (Harvard Business School) July 2

Time, Time, Space and intertemporal choice: Why approaching the future makes for short-term thinking
Crilly, Donal (London Business School)
November 5

Institutional Determinants of Acquisition Strategies: Empirical evidence on the effects of corruption in Russia Bertrand, Olivier (SKEMA Business School) December 3

In the Media

Scientific thinking in our core fields can be applied to many issues and our experts offer advice and opinions to a broad range of topics. Below we list contributions

to dissemination of research, public debate, interviews, and public speeches of our faculty. Authors are listed in alphabetical order and express their personal views.

Title	Contributor	Topic	Date	Source
Arm oder Reich: Wohlstand bringt der Storch	Cunat, Alejandro	Development Economics	2015-03-16	derStandard
Ökonom: "Viele Firmen werden pleitegehen"	Cunat, Alejandro	Financial Economics	2015-08-25	derStandard
The case for opening the labor market to refugees	Cunat, Alejandro Merz, Monika	Macroeconomics	2015-09-20	NZZ.at
Armutsbekämpfung fängt bei den Reichen an	Cunat, Alejandro	Macroeconomics	2015-09-27	derStandard
Kampf gegen Armut: Erfolgsgeschichte mit 700 Millionen Ausnahmen	Cunat, Alejandro	Macroeconomics	2015-10-17	derStandard
Offshoring and unskilled labour demand: Evidence that trade matters	Cunat, Alejandro	Macroeconomics	2015-12-14	VOX
Tarnung, DANN-Farbe und Rauchpatronen	Dörner, Karl	Logistic	2015-04-16	diePresse
Tourenplanung für Fortgeschrittene	Dörner, Karl	Logistic	2015-08-08	diePresse
Rumors and Panics in Opaque Markets: Evidence from the Panic of 1907".	Gehrig, Thomas	Financial Crises	2015-05-07	Vox EU
Neue Bankenwelt: Grenzen zwischen Geschäftsfeldern verschwinden	Gehrig, Thomas	Banking	2015-07-01	Cooperativ – die gewerbliche Genossen- schaft
Mit Flüchtlingskrise aus der Wirtschaftskrise	Pichler, Paul Schmidt-Dengler, Philipp	Macroeconomics & Industrial Economics	2015-09-25	diePresse
Opór jest możliwy	Raffer, Kunibert	Public Economics & Political Economy	2015-03-04	Nowa Konfederacja
Radio interview about national debts	Raffer, Kunibert	Public Economics & Political Economy	2015-04-24	Radio Universidad, Bahía Blanca
Griesa thinks the whole world has to obey him	Raffer, Kunibert	Public Economics & Political Economy	2015-04-26	Buenos Aires Herald
Plädoyer für soziale Krisenlösungen	Raffer, Kunibert	Public Economics & Political Economy	2015-04-30	Argentinisches Tageblatt
La pelea argentina contra los fondos buitres cambiará el funcionamiento de los mercados internacionales	Raffer, Kunibert	Public Economics & Political Economy	2015-05-10	Radio Nacional
Sparkurs in PIGS-Ländern: Griechen sagen "Nein", wer ist der Nächste?	Raffer, Kunibert	Public Economics & Political Economy	2015-07-06	SNA-Radio
¿Qué le pide Wall Street a Macri para "hacer las paces" con Argentina?	Raffer, Kunibert	International Economics	2015-12-15	BBC
Sponsoring und Imagetransfer in der Formel 1	Reisinger, Heribert	Sponsoring	2015-09-28	Servus TV
Generation mit alles	Reitzig, Markus	Human Resources	2015-04-24	Format
How companies work	Reitzig, Markus	Organization Design	-	FWF, firmenpresse, inar. de, INTERNETINTELLI- GENZ, PRLog

Title	Contributor	Topic	Date	Source
Organisationstheorien auf dem Prüfstand	Reitzig, Markus	Organization Design	2015-04-20	Business on, Perspektive Mittelstand
Früher war alles anders? Wie Unternehmen heute funktionieren	Reitzig, Markus	Organization Design	2015-04-20	Wissensmanage- ment-Net
Wie Unternehmen funktionieren	Reitzig, Markus	Organization Design	2015-04-20	APA, Businesspress24, Economy Austria, Fair- NEWS, MEDIANET1 und Medianet2, Mobilefeed- 2list, News4Press.com, NEWSTAG, Newstral, NUPEPA, Open Business Network, Perspektive Mittelstand, Pressemel- dungen.at, Pressever- teilerCH, PR&D, PR inside, PRSeiten, Ptext, Scoop.it, Verzeichnis.de, UNI:VIEW, Webnews
Wenn Mitarbeiter ihren Chef wählen	Reitzig, Markus	Human Resources	2015-05-11	Salzburger Nachrichten
Mut zum Experimentieren	Reitzig, Markus	Organization Design	2015-06-19	Computerworld
The Hidden Costs of Outsourcing	Reitzig, Markus	Firm Strategy	2015-10-22	https://www.youtube. com/watch?v=ug88p- kmYkac
Arbeit zwischen starrer Hierarchie und Mitsprache für alle	Reitzig, Markus	Human Resources	2015-12-26	derStandard
Austria in UE: vent'anni, ma non li dimostra	Rosner, Peter	Public Economics & Political Economy	2015-02-17	east
Don't drill!	Rosner, Peter	Public Economics & Political Economy	2015-03-06	diePresse
Wie arbeitet Geld?	Rosner, Peter	Public Economics & Political Economy	2015-10-09	diePresse
Expertenkommentar: Rauchverbot in Österreich überfällig	Steiber, Nadia	Health	2015-03-16	derStandard
Study Reveals Good News And Bad News for People Over 50	Steiber, Nadia	Health	2015-09-01	Huffington Post
Altern: Der Geist bleibt länger willig	Steiber, Nadia	Health	2015-09-03	diePresse
Of Cashew Nuts, Marshmallows, and the Wealth of Nations	Tyran, Jean-Robert	Economics & Psychology	2015-12-15	Dufour Street Journal
Kathedrale des Wissens	Wagner, Udo	Marktforschung	2015-03-08	Servus TV

Rankings

Rankings abound and receive increasing attention. The criteria used across rankings vary widely and the outcomes are sometimes rather sensitive to the selection and weighting of journals, the range of years etc. Care is therefore advised in interpreting these rankings.

Below we provide rankings of institutions and individuals by recent research output. These rankings are mainly based on the number of quality-adjusted publications in learned journals. Such rankings have only recently become available in some of the disciplines at our faculty and are a fairly new addition to evaluating research institutions in the German-speaking area in general. Such rankings are often consulted by internationally mobile faculty and students, which means we should also be aware of these rankings – even if we are critical about them. In any case, we think such rankings need to be interpreted with circumspection.

Publication Based Rankings

With all due caveats in mind, we are happy to note that our faculty performs very well according to a broad range of rankings. It is fair to say that we are among the top ten in all fields represented at our faculty, and that we are among the very best in several disciplines.

Business

According to an institutional ranking compiled by the ETH Zurich and commissioned by Handelsblatt 2014, our faculty scores an excellent rank 6 among universities

in the German-speaking area when considering publications in very good journals (A+ & A, see table 2). When considering all journal publications (see colum Points 2014), we score rank 5.

We are proud of shows the excellent performance of individual professors in the German-speaking area. For example, 10 of our professors rank among the top 100 in business and management in the German-speaking countries and 15 rank among the top 250. This corresponds to the top-5 percent (resp.12.5%) of all German-speaking business professors. According to the Handelsblatt ranking 2014, four professors are among the top 10 in the general ranking of lifetime achievement according to the criterion points 2014: Adamantios Diamantopoulos, Richard Hartl, Rudolf Vetschera, and Franz Wirl, who leads the ranking (see table 3)

Statistics, Econometrics, and OR

According to the QS World University Rankings (2014), our faculty has rank 5 among the Universities in the German-speaking area for Statistics and Operational Research (ex ae-quo with ETH Zurich, Humboldt University of Berlin, Technical University of Berlin). According to the same ranking, we rank 20 in continental Europe, and rank 51-100 worldwide, i.e., on equal footing with places like Yale (New Haven), NYU (New York) or LSE (London).

According to a ranking published in the journal *Econometric Theory* (Baltagi 2007), our Faculty is number two in the German-speaking area measured by publications in the very top journals in Econometrics (1989-2005).

Institutional Ranking Business (sorted by publication in all journals) - Table 2

Rank	University	Points A+ & A	Points 2014	# of professors	Points per professor	Professor with highest research output	his/her share
1	University of Zurich	56.8	117	35	2.7	Felix Kübler	6%
2	University of St. Gallen	47.4	157	51	2.3	Martin Eling	6%
3	Technical University of Munich	36.7	99	25	3.3	Stefan Minner	10%
4	Goethe University Frankfurt	33.8	87	27	2.4	Bernd Skiera	13%
5	University of Cologne	32.0	83	23	2.7	Dirk Sliwka	7%
*6	University of Vienna	29.2	94	17	4	Franz Wirl	10%
7	Vienna University of Economics and Business	28.8	98	42	1.7	Jan Mendling	7%
8	ETH Zurich	27.5	88	12	4.5	Florian von Wangenheim	7%
9	Frankfurt School of Finance and Management	24.4	82	38	1.9	Afschin Gandjour	12%
10	University of Hamburg	23.3	90	35	1.9	Stefan Voß	8%

Source: Handelsblatt 2014

^{*} The University of Vienna was ranked 5 in the 2014 Research Report based on the total number of Points 2014. The 2015 Research Report depicts the University of Vienna on rank 6 in the same table to represent the business and economics departments equally. This rank was achieved based on publications in A+ and A journals.

Individual Ranking "Business" by all points for lifetime achievement - Table 3

Rank	Name	University	Points 2014	Field
1	Franz Wirl	University of Vienna	33.8	Environmental, Resource & Innovation Economics
2	Christian Homburg	University of Mannheim	25.7	Marketing
3	Martin Weber	University of Mannheim	22.95	Banking Management & Financing
4	Adamantios Diamantopoulos	University of Vienna	19.2	Marketing
5	Jean-Charles Rochet	University of Zurich	19.19	Insurance Industry, Banking & Finance
6	Richard F. Hartl	University of Vienna	16.25	Production Economics, Logistics
7	Michael Frese	University of Lüneburg	16.12	Entrepreneurship
8	Rudolf Vetschera	University of Vienna	15.8	Organization
9	Bernd Skiera	Goethe University Frankfurt	14.67	Electronic Commerce
10	Matthias Kräkel	University of Bonn	14.51	Human Resources & Organization

Source: Handelsblatt 2014

Economics and Related Fields

We report two rankings in this section. The table below shows the institutional ranking of the Handelsblatt 2015. When ranking universities by publications in very good journals (A+ & A), we score a highly respectable rank. 9 and rank 8 when adjusting for size (i.e. by points per professor). When considering all journals (column

Points 2015), we rank worse overall (rank 13), and rank 9 when adjusted for size. This difference in rankings reflects the faculty's tendency to publish in high-quality journals.

Overall, 5 professors belong to the top-125 researchers in economics, which represents about 10% of all professors in economics in the German-speaking area.

Institutional Ranking "Economics" (sorted by publication in A+ & A journals) - Table 4

Ran	C University	Points A+ & A	Points 2015	# of professors	Points per professor	Professor with highest research output	his/her share
1	University of Zurich	52.77	74	17	3.27	Ernst Fehr	15%
2	University of Bonn	49.85	77	27	2.45	Armin Falk	10%
3	University of Mannheim	44.52	69	27	2.15	Klaus Adam	9%
4	University of Cologne	37.61	71	23	2.73	Matthias Sutter	15%
5	Ludwig Maximilian University of Munich	36.34	80	29	2.51	Kai A. Konrad	9%
6	Humboldt University of Berlin	29.88	59	14	3.49	Marcel Fratzscher	14%
7	Goethe University Frankfurt	27.58	53	18	2.54	Roman Inderst	27%
8	University of Lausanne	24.23	40	15	2.08	Rafael Lalive	10%
9	University of Vienna	22.43	38	13	2.34	Jean-Robert Tyran	13%
10	ETH Zurich	20.8	67	11	3.57	Peter Egger	22%

Source: Handelsblatt 2015

Table 5 shows that we score an excellent rank 4 in the German-speaking area. This ranking is based on Europe-wide data provided by IDEAS at the Research Division of the Federal Reserve Bank of St. Louis using RePEc data. We use this data to rank the research output at Universities in the German-speaking area. IDEAS draws on 1.7 mio. items of research to rank a total of 3200 institutions (the ranking also lists National banks, think tanks, etc., extracted January 2016).

The first 5 ranks in the all-European ranking go to London School of Economics (LSE), Oxford University, Paris School of Economics, Toulouse School of Economics (TSE), and University College London (UCL).

Institutional Ranking "Economics" in GER/CH/AT - Table 5

Rank GER/CH/AT	Rank in Europe	University
1	10	University of Zurich
2	52	Ludwig Maximilian University of Munich
3	54	Goethe University Frankfurt
4	57	University of Vienna
5	60	University of Mannheim
6	62	University of Bonn
7	74	University of St. Gallen
8	75	ETH Zurich
9	90	University of Konstanz
10	104	University of Cologne

Source: RePEc

Citation Based Ranking

Below, we provide a citation analysis for our tenured faculty (n = 48).* Such an analysis provides an indication of research impact (on the research community) and it therefore complements the measurement of research output in terms of publications. While we think the broad picture proceeding in the citation analysis below is interesting, we would like to caution the reader that citation statistics can be presented in many ways, and the results can vary substantially, depending on the data source and on how citations are counted. In last year's research report, we used the database Scopus to compile the survey on citations. This year, we use Thompson Reuters Web of Science. We have switched databases at the suggestion of the faculty research committee. One of the advantages of doing so is that data extraction can be delegated to the university's office for evaluation (date of extraction Feb., 2016). The results vary somewhat compared to last year's analysis and one should therefore not infer too much from any single account.**

Compiling a report on research impact using citations faces various difficulties. For example, comparing citation scores across the broad spectrum of disciplines represented at our faculty is tricky as citation patterns differ widely across fields. In some fields, the norm is to cite many papers per publication and papers published in such a field tend to get many citations in turn. While we had been be able to address this issue by using Scopus, we have not been able to do so using Web of Science. Care is also advised when comparing citation counts across individuals in a given field because citations accumulate first slowly and then more quickly over the professional life of an academic. More senior researchers therefore tend to have higher citation counts than more junior ones. We discuss below how this problem can be addressed.

Citations-based measures of research impact - Table 6

	(1)	(2)		(3)		(4)	
	Total nur citati			Citations normalized by age		Index h	h-index normalize	
ons	0-50	0.25	0-2	0.21	0-2	0.15	<0.2	0.38
itati	51-100	0.15	2-5	0.21	3-5	0.33	0.2-0.3	.013
Distribution of citations	101-300	0.27	5-10	0.15	6-10	0.29	0.3-0.4	0.21
ıtior	301-500	0.10	10-20	0.15	11-15	0.13	0.4-0.6	0.13
tribı	501-1000	0.17	20-30	0.17	16-20	0.10	0.6-0.8	0.15
Dis	>1000	0.008	>30	0.15	>20	0.02	>0.8	0.04
	Diamantop	oulos, A.	Diamanto	poulos, A.	Diamanto	poulos, A.	Dörner, K	
	Hartl, R.		Hartl, R.		Hartl, R.		Diamanto	poulos, A.
	Gutjahr, W.		Dörner, K		Bomze, I.		Tyran, JF	₹.
	Bomze, I.		Bomze, I.		Gutjahr, W.		Bomze, I.	
ıls	Pflug, G.		Gutjahr, V	V.	Dörner, K.		Reitzig, M.	
idua	Dörner, K.		Tyran, JR.		Pötscher, B.		Hartl, R.	
Ranking of individuals	Pötscher, B.		Reitzig, M.		Tyran, JF	₹.	Müller, W.	
gofi	Tyran, JR.		Janssen, M.		Janssen, M	1.	Ljubic, I.	
ıking	Janssen, M.		Müller, W.		Pflug, G.		Janssen, M.	
Raı	Wirl, F.		Leeb, H.		Sorger, G.		Gutjahr, V	V.

Source: Web of Science 2015

^{*}The discussion here does not consider the professors in law Lechner and Weilinger because publications in legal science follow a different logic and patterns.

[&]quot;While the results are overall fairly consistent across the databases Scopus and web of science, there seem to be substantial discrepancies in citation counts for particular authors. The discrepancies seem to be large for authors with common names, for authors who tend to publish in large groups of co-authors (we do not correct citation counts for the number of co-authors), and for authors whose names can be written in various ways. A further disclaimer is that the analysis presented here does not account for working papers and conference proceedings.

Column 1 in table 6 shows the distribution of the total number of citations. For example, 25 percent of our faculty members have accumulated between 0 and 50 citations over their lifetime. As expected, the distribution is rather skewed because few papers get a lot of attention while most papers get only few cites. For example, the single most cited paper by Prof. Diamantopoulos has only slightly fewer citations (1103) than all publications by the bottom half of authors jointly (1445). The average number of total citations per author was 386, the median was 164. The average faculty member has published 33 papers, the median number of published papers is 22. That is, the average paper got about 12 citations and the median paper got 8 citations. A quarter of our faculty has accumulated less than 50 citations, and a quarter of our faculty has accumulated more than 500 citations over their lifetimes according to this database. The bottom half of column 1 shows the ranking of individuals among the top ten of our faculty by the total number of citations.

Column 2 provides a simple adjustment for the fact that citation counts tend to favor more senior researchers. The column shows the total number of citations divided by the academic age of the researcher, proxied by the number of years above age 30 (a typical age at which researchers start publishing). To illustrate, consider researcher A who is aged 40 with 300 citations and researcher B aged 60 with 600. The score of A is then 30 (= 300 / 10) and that of B is 20 (= 600 / 30). Therefore, B would be ranked above A in column 1 but be ranked below A in column 2. In our sample, those with above-average age have about a quarter more citations as those below the average (438 vs. 349), the average age of our tenured faculty is 54 years. The bottom part of column 2 shows the ranking of the top-ten authors at the faculty by total citations when correcting for age. As can be seen, younger colleagues like Profs. Dörner (born 1970) and Reitzig (born 1972) are ranked more favorably when this correction is applied.

Column 3 shows the distribution of the Hirsch index h which is a well-known way to correct for the skewness in citations described above. The index h shows the number of papers a researcher has published that have each attracted at least h citations. For example, someone with an index of 2 has written few papers that are likely to have attracted little attention while someone with h = 20 has written many influential papers.

An advantage of this measure is that outliers do not affect the index. For example, compare hypothetical author C who has published 3 papers with 2, 3, and 4 citations to author D who has published 3 papers with 2, 3 and 3000 citations. Both get the same index value of h = 2.

The average h-index in our faculty is 8, the median is 6. About three quarters of our faculty have h < 10, about

10% have h > 15, and two individuals have $h \ge 20$. The bottom part of column 3 shows the ranking by h-index for the top ten.

Column 4 shows the *h*-index normalized by age (number of years above 30). As is the case with total citation counts, normalization of the *h*-index by age benefits younger colleagues. But the effect is somewhat more dramatic now. The first rank now goes to Prof. Dörner and the below-average age colleagues Tyran, Reitzig, Müller and Ljubic (born 1973) get better ranks and the converse holds for above-average age colleagues Hartl and Gutjahr.

Special Events

Oskar-Morgenstern-Award

The Oskar-Morgenstern-Medal is awarded to outstanding economists in commemoration of the great Austrian economist and co-founder of game theory. The first award was given at the celebration of the 250 year jubilee of our faculty to Roger B. Myerson.

Oskar Morgenstern (1902-1977) was an Austrian economist and together with John von Neumann he founded the field of game theory and its application to economics, notably in their foundational book "Theory of Games and Economic Applications".

The collaboration between Morgenstern and von Neumann led to the birth of entirely new areas investigation in both mathematics and economics. These have attracted widespread academic and practical interest since that time.

Morgenstern wrote many articles and books, including "On the Accuracy of Economic Observations", and he co-authored the paper "Predictability of Stock Market Prices" with Clive Granger who received the Nobel Prize jointly with Robert Engle.





Robert F. Engle is the laureate for 2015. He is the Michael Armellino Professor of Management and Financial Services and Director of the Volatility Institute at the New York University Stern School of Business.

Together with Clive W.J. Granger, Robert Engle was the

winner of the 2003 Sveriges Riksbank Prize in Economic Sciences in Memory of Alfred Nobel for methods analyzing economic time series with time-varying volatility.















Ten Measures to Promote Research

PART 03



Ten Measures to Promote Research

The faculty board has made promotion of research one of its main priorities for the period 2014-16. The measures described below were first discussed at the Fakultäts-klausur on October 3, 2014 and have been elaborated by an ad-hoc committee on research in which all departments were represented. The rectorate has approved of all these measures and provided financial support for its implementation. The faculty has created a standing research committee that advises the dean in implementation issues (e.g. planning for the Science Day) and is in charge of preparing much of the operative decisions (e.g. evalutates applications for use of overhead funds and small grants).

Over the course of the year 2015, the faculty has made substantial progress in implementing many of these measures, but some are still work in progress. We expect to complete and to further improve its implementation throughout 2016.

The faculty board believes that sustained effort is needed for these measures to have an effect. Inducing a culture change cannot happen overnight. The payment of publication premia expresses the faculty's appreciation for top research and it also provides incentives to publish one's research in highly respected journals. However, an increase in output in such journals can reasonably only be expected after several years of continuing the program because good research takes time.

What We Want to Achieve

- 1. Foster a culture of appreciation for good research within the faculty and improve visibility of our research to the outside world. Information about who does what helps to discover common interests and perhaps spark ideas for forming new clusters or platforms. To this end, we have redesigned our webpages, have defined what we consider to be "top" journals and we have produced an annual report.
- Provide incentives to publish well. To this end, we have implemented a publication premium program.
 We use overhead funds to support research in various ways.
- 3. Promote juniors. To this end, we showcase our most successful juniors (see page 18), we help juniors to make first steps to become independent, and to kick-start their research.

#1 Redesign of Webpages

Our faculty webpages have been redesigned in early 2015 and present our research along the lines of 5 "themes" rather than along administrative (departmental) boundaries. The aim is to provide a unified public representation of our research and to contribute to an improved corporate identity. We have hired a professional

photographer to take standardized pictures of all tenured faculty. The aim is to express our view that we put people center stage and to underscore that the individual scholars are the heart and soul of the faculty. The webpages provide information on past achievements, current research projects, on our expertise and experts, on how to get funding, etc. While re-designing the webpages required a major effort, we have not yet found ways to manage information flows such as to keep the webpages up to date. Part of the deficit in this respect is due to lack of manpower. Clearly, the faculty management needs to become more aware that the webpage plays a crucial role in the internal and external communication and the faculty will have to devote more resources than at present into the maintenance of our (research) webpages. The year 2016 will see a switch of all our webpages to a modern design that is adapted to users of mobile devices like smartphones. This switch is welcomed seen as an opportunity to improve on maintenance.

#2 Up and Coming

We have taken several measures to promote and support our junior (non-tenured) faculty and we plan to further improve on this front. One of these measures is to showcase our most successful juniors in a format called "up and coming". We provide a short bio, field of expertise, links to selected publications etc. on our webpage and annual report. The criteria for who is portrayed in this section are based on publication success in what we consider as top journals (see #3). We are happy to report that in the first year of its existence, 6 juniors - 3 men and 3 women - have qualified for the status. The fact that two of these have received offers from (and left us for) prestigious universities demonstrates the excellence of these candidates as well as the high selectivity of our criteria (Ivana Ljubic has left us for ESSEC Paris and Sandro Shelegia for Pompeu Fabra Barcelona). Of the four others, two are on tenure track positions (Steffen Keck and Paul Pichler), the remaining two look like hot candidates for such promotion.

#3 Faculty Journal List (FJL)

The purpose of the FJL is to define a graded set of "top" journals for the core fields at our faculty. The FJL contains a total of 430 journals, of which 155 journals are in Category 1, and 275 are in Category 2.

The FJL is used as a general reference for various measures and policies taken by the faculty board. In particular, it is used to structure the representation of research output in the annual research report of the faculty and on our webpages. It is also used in determining the payouts for our publications premia program (see Appendix for details).

#4 Reporting on Research Activities

The current report is the second of its kind. The faculty

Ten Measures to Promote Research - Figure 8



plans to produce such reports on a regular basis in the future and is considering to eventually extend its scope to also include reporting on teaching and other activites (so-called "third mission"). The faculty has also decided to become more active in dissemination of research and outreach to society in 2016-18. The faculty will therefore take measures to showcase our research more prominently in the media when we feel we have something important to say. Appropriate modes for showcasing such research still need to be developed.

#5 External Funding and Overhead

The faculty has been successful in acquiring external funding recently. The total flow of external funding in 2015 is about € 2.8 mio. which is about twice the average amount generated in 2010 to 2013 (€ 1.4 mio.), and similar to revenues generated in 2014 (€ 2.6 mio.). Because of the increased importance of these overhead funds, we have formulated guidelines for the use of overhead funds (see faculty webpages). The funds are used to promote research, in particular to provide incentives to publish in top journals, to kickstart research of junior faculty board (see #7, #10), and to hold a faculty-wide Science Day (measure #9). To fund these measures, we will also have to use some of the overall faculty reserve. While external funding has markedly increased in recent years, the faculty thinks there is still scope for improvement. Unfortunately, the incentives to generate such funding are fickle (the FWF has changed its policy with respect to overheads several times) which mitigates incentives to acquire such funding. We also experience some scarcity in office space such that additional growth in terms of personnel might be difficult to digest.

#6 Publication Premia Program

The purpose of this program is to provide researchers at our faculty with incentives to publish in excellent journals in the key fields of research, i.e., in business, economics and statistics and related fields, including finance, applied mathematics, political science, psychology, and economic sociology. The program is a continuation of the scheme devised by Dean Sorger (we paid premia until 2012) in a slightly modified form. We have rewarded 23 publications in Category 1 and 39 in Category 2 that have appeared in 2014 (note that publications with multiple internal authors are rewarded multiple times). In addition, we have rewarded publications by juniors that have appeared in 2015 immediately. In total, we have paid out about € 60'000, of which about two thirds for publications that appeared in 2014 and about one third for publications of juniors that appeared in 2015. We are pleased to note that junior faculty was very successful and has received many premia. In total, slightly more than half of premia (€33'000) went to juniors, and about one third of the publication premia paid for 2014 went to junior faculty.

We reward 22 Category 1 journals and 44 publications in Category 2 journals that has appeared in print in 2015. Note that some publications are authored by multiple internal authors and a given publication is therefore rewarded multiple times. Also note that a given publication may belong to multiple themes and is therefore listed multiple times in figure 6.

#7 Small Grants Program

The purpose of this program is to provide funding to initiate new research and to support ongoing research. While any faculty member is welcome to apply for a small grant, we are particularly encouraging our junior faculty (i.e. post-doc, non-tenured faculty) to apply. Any activity fostering excellent research at our faculty is eligible for support. Examples are buying data, support for running experiments, travel expenses, initiation costs for a project, submission fees for a journal or a conference. As the name of the program says, we can unfortunately only offer small grants (max. € 3'000, large requests are less likely to be approved).

The application procedure is fast and simple: applicants send an e-mail to the dean's office with a letter explaining why they think the Faculty's money is well spent on their research project. Request need to be justified in reasonable detail. Applicants are invited to document their efforts to obtain co-funding. In any case, applicants need to make sure to provide a detailed description of costs. We have paid out € 10'000 in 2015 (funding went exclusively to junior faculty) and we plan to continue the operation at a similar scale in the future.

#8 Scientific Advisory Board (SAB)

In compliance with university regulations, we now plan to meet the members of our SAB once per year. In addition to asking the SAB for advice and guidance in matters of strategy and development, we ask them to participate in our Science Day (measure #9) and to take an active part in determining the winners of our Young Investigator Award (#10). Inanelaborated process involving proposals from all tenured faculty members, the research committee has been able to make a proposal for whom to appoint to the SAB. This proposal has been submitted to the Fakultätskonferenz in March 2016 and we expect the board to become operative in the course of 2016.

#9 Science Day

The Science Day is a new event to celebrate research at our faculty in its entire breadth. It is an event that crosses departmental boundaries, that serves to promote our junior faculty, and to renew our efforts in acquiring external funding. The Science Day also serves to devise the development plan for the coming year(s). A sketch

of the program is as follows: in addition to holding meetings on strategy and development, one SAB member will give a lecture for the general public. We hold a public hearing of applicants for the Young Investigator Award (see #10) and SAB members will pick the awardees. The dean will present the research report for the previous year and plans for the next year(s), and there may be some complementary scientific program. For example, one professor from our faculty may deliver a lecture of general interest or we may organize a panel discussion. The exact schedule is to be determined by the research committee in collaboration with the SAB. The first Science Day is to be held in May 4-5 2017.

#10 Young Investigator Award

The "Young Investigator Award" (YIA) rewards outstanding research proposals made by junior faculty. The award serves multiple purposes. First, it provides incentives to junior faculty to develop their own research agenda. It is therefore an instrument for promoting research in general. Second, the award fosters independence of junior researchers. Awardees obtain a personal grant which they can use at their discretion for purposes of research. Awardees also obtain a distinction which might be helpful in the job market. Third, the YIA is supposed to increase external funding. Applicants submit a research proposal in a format and style required by leading funding agencies like FWF, OeNB, and EU.

The proposals are then submitted to the members of the Scientific Advisory Board (SAB) for review. Applicants are invited to present their proposal at the Science Day (see #9). The max. number of YIA to be handed out is determined by the faculty board based on the number of applications and the budgetary situation. Candidates with suitable submissions are strongly encouraged by the faculty board to submit their proposal to funding agencies.

Faculty Journal List Category 1 Journals

Category 1 Journals
Category 2 Journals

Rules for Publications Premia

Appendix

$\frac{{}^{\text{PART}}}{04}$



Faculty Journal List

Construction and Explanations of the Faculty Journal List (FJL)

The faculty board has approved the new faculty journal list (FJL) in December 2015 at the recommendation of an ad-hoc Scientific Advisory Committee (in which all departments were represented).

Purpose and Use of the List

The purpose of the FJL is to define a graded set of "top" journals for the core fields at our faculty. The FJL contains a total 430 journals, of which 155 journals are in Category 1, and 275 are in Category 2.

The FJL is used as a general reference for various measures and policies taken by the faculty board. In particular, it is used to structure the representation of research output in the Annual Report of the faculty and on our webpages. It is also used in determining the payouts for our publications premia program (see separate document for explanations).

Construction of the List

The journals have been assigned to categories by using two types of sources. One is the JCR (Journal Citation Reports, ISI web of knowledge) provided by Thomson Reuters, ed. 2013. The JCR has two editions, the Science edition and the Social Science edition (SSCI), and we use both to construct the list (FJL). We use the following fields from the SSCI (# of journals): Business (111); Business, Finance (91); Economics (333); Management (173); Political Science (157); Psychology, applied (76), Psychology, multidisciplinary (129); Sociology (138). We use the following fields and from the Science edition: Operations Research & Management Science (79); Statistics & Probability (119); Mathematics, applied (251); Mathematics, interdisciplinary applications (99). This yields a total number of 1756 journals to be considered.

Journals in each field are ranked according to the Article Influence Score (which roughly corresponds to a five-year impact factor, see below for definitions). We then use two cutoff values: the top 25% of journals in each field (also called Q1) and the top 10% in each list (also called D1). The second source used to classify journals is a set of four complementary lists.

Business: Jourqual 3.0. VHB-JOURQUAL is a journal rating published by the German Academic Association for Business Research (VHB) intended to reflect the reputation of business research journals.

Economics: Handelsblatt-VWL-Ranking 2013. Contains all journals in EconLit, journal list of the American Economic Association, plus a few additional journals in statistics as well as Nature and Science. Weights are based on Combes and Linnemer (2010). We use the top two levels in their classification. These are 10 journals with "weight 1.0" and 25 journals with "weight 0.6".

Statistics: List compiled by the Australian Mathematical Society for Statistics. Has 14 top (A*) and 29 "A" journals.

Finance: List compiled by Univ. Tilburg for internal evaluation in Finance. However, this list is not publicly available.

A journal is allocated to

Category 1 if the journal gets the best rating (i.e. is in the best 10%) in at least one of the JCR fields we consider, or is in the best classification in at least one of the complementary journals lists (i.e. is A+ in JourQual3.0, has weight 1.0 in HB VWL 2013, A* in AMS, "top" in FEC_2012).

Category 2 if the journal is not in category 1 and gets the second best rating (i.e. is in the best 25%) in at least one of the JCR fields we consider, or is in the second best classification in at least one of the complementary journals lists (i.e. is A in JourQual3.0, has weight 0.6 in HB VWL 2013, A in AMS, "vg" in FEC_2012).

Note that a journal typically receives differing evaluations from different sources and fields, but the Category is determined by the "best" evaluation. For example, *Econometric Theory* is a Cat. 1 journal because it is a evaluated as D1 in the field Statistics (and is A* in the AMS list), but it is rated only Q1 in Economics and not rated at all in several other fields, e.g. Management. A publication in *Econometric Theory* is counted as a Cat. 1 publication independent of whether the author is a statistician, economist or a management scholar by training and independent of his assignment to departments.

Definitions:

The Article Influence Score determines the average influence of a journal's articles over the first five years after publication. It is calculated by dividing a journal's Eigenfactor Score by the number of articles in the journal, normalized as a fraction of all articles in all publications. This measure is roughly analogous to the 5-Year journal impact factor in that it is a ratio of a journal's citation influence to the size of the journal's article contribution over a period of five years. The mean Article Influence Score is 1.00. A score greater than 1.00 indicates that each article in the journal has above-average influence. A score less than 1.00 indicates that each article in the journal has below-average influence. The Eigenfactor Score calculation is based on the number of times articles from the journal published in the past five years have been cited in the JCR year, but it also considers which journals have contributed these citations so that highly cited journals will influence the network more than lesser cited journals. References from one article in a journal to another article from the same journal are removed, so that Eigenfactor Scores are not influenced by journal self-citation.

Catego	ry 1 Journals	ISSN	Journal Name
		0013-0133	Economic Journal
ISSN	Journal Name	0266-4658	Economic Policy
1941-6520	Academy of Management Annals	0308-5147	Economy and Society
0001-4273	Academy of Management Journal	0266-7215	European Sociological Review
0363-7425	Academy of Management Review	1615-3375	Foundations of Computational Mathematics
0098-3500	ACM Transactions on Mathematical Software	2041-4161	IMF Economic Review
0001-8392	Administrative Science Quarterly	1047-7047	Information Systems Research
1945-7782	American Economic Journal: Applied Economics	0021-7824	Journal des Mathématiques Pures et Appliquées
1945-7731	American Economic Journal: Economic Policy	0021-843X	Journal of Abnormal Psychology
1945-7707	American Economic Journal: Macroeconomics	0165-4101	Journal of Accounting and Economics
1945-7669	American Economic Journal: Microeconomics	0021-8456	Journal of Accounting Research
0002-8282	American Economic Review	0021-9010	Journal of Applied Psychology
0092-5853	American Journal of Political Science	0735-0015	Journal of Business and Economic Statistics
0002-9602	American Journal of Sociology	1061-8600	Journal of Computational and Graphical Statistics
0003-0554	American Political Science Review	0022-0027	Journal of Conflict Resolution
0003-066X	American Psychologist	1469-5405	Journal of Consumer Culture
0003-1224	American Sociological Review	0093-5301	Journal of Consumer Research
1948-206X	Analysis & PDE	0304-4076	Journal of Econometrics
0294-1449	Annales de l'Institut Henri Poincaré	1381-4338	Journal of Economic Growth
1050-5164	Annals of Applied Probability	0022-0515	Journal of Economic Literature
1932-6157	Annals of Applied Statistics	0895-3309	Journal of Economic Perspectives
0883-6612	Annals of Behavioral Medicine	0022-0531	Journal of Economic Theory
0091-1798	Annals of Probability	0272-4944	Journal of Environmental Psychology
0090-5364	Annals of Statistics	0022-1082	Journal of Finance
1941-1383	Annual Review of Economics	0022-1090	Journal of Financial and Quantitative Analysis
1094-2939	Annual Review of Political Science	0304-405X	Journal of Financial Economics
0066-4308	Annual Review of Psychology	1042-9573	Journal of Financial Intermediation
0360-0572	Annual Review of Sociology	1069-5869	Journal of Fourier Analysis and Applications
1063-5203	Applied and Computational Harmonic Analysis	0022-166X	Journal of Human Resources
0003-9527	Archive for Rational Mechanics and Analysis	0022-1996	Journal of International Economics
1134-3060	Archives of Computational Methods in Engineering	0734-306X	Journal of Labor Economics
0006-341X	Biometrics Piometrika		Journal of Management
0006-3444	Biometrika	0022-2380	Journal of Management Studies
1465-4644	Biostatistics British Journal of Political Science	0022-2429	Journal of Marketing Journal of Marketing Research
0007-1234	British Journal of Sociology	0022-2437	Journal of Monetary Economics
0007-1313	Brookings Papers on Economic Activity	0304-3932	Journal of Monlinear Science
0944-2669	Calculus of Variations and Partial Differential Equations	0938-8974	Journal of Occupational Health Psychology
1931-4523	Communications in Number Theory and Physics	1076-8998 0272-6963	Journal of Occupational Health Psychology Journal of Operations Management
0360-5302	Communications in Partial Differential Equations	0272-0903	Journal of Organizational Behavior
0010-3640	Communications on Pure and Applied Mathematics	0022-3433	Journal of Peace Research
0010-4140	Comparative Political Studies	0022-3433	Journal of Political Economy
0963-7214	Current directions in psychological science	0022-3806	Journal of Politics
0266-4666	Econometric Theory	0022-3810	Journal of Public Economics
0012-9682	Econometrica	1548-7660	Journal of Statistical Software
			,

ISSN	Journal Name	ISSN	Journal Name
0162-14	Journal of the American Statistical Association	1572-3097	Review of Finance (formerly: European Finance Review)
1435-98	Journal of the European Mathematical Society	0893-9454	Review of Financial Studies
1435-98	Journal of the European Mathematical Society	0036-8075	Science
0964-19	,	1022-1824	Selecta Mathematica
	Statistics in Society	0036-1445	SIAM Review
1369-74	12 Journal of the Royal Statistical Society Series B: Statistical Methodology	0363-0129	SIAM Journal on Control and Optimization
0025-19	9 Management Science	1936-4954	SIAM Journal on Imaging Sciences
1523-46		0036-1410	SIAM Journal on Mathematical Analysis
0732-23	99 Marketing Science	0895-4798	SIAM Journal on Matrix Analysis and Applications
0025-56	Mathematical Programming	0036-1429	SIAM Journal on Numerical Analysis
0364-76	Mathematics of Operations Research	1052-6234	SIAM Journal on Optimization
0276-77	83 MIS Quarterly	1064-8275	SIAM Journal on Scientific Computing
0028-08	36 Nature	0378-8733	Social Networks
0028-60	New Left Review	0037-7791	Social Problems
0029-59	Numerische Mathematik	0081-1750	Sociological Methodology
0030-36	4X Operations Research	0049-1241	Sociological Methods & Research
1047-70	Organization Science	0735-2751	Sociological Theory
0749-59	Organizational Behavior and Human Decision Processes	0038-0407	Sociology of Education
1094-42	Organizational Research Methods	0883-4237	Statistical Science: A Review Journal
0031-58	Personnel Psychology	0277-6715	Statistics in Medicine
1537-59	Perspectives on Politics	0143-2095	Strategic Management Journal
1745-69	16 Perspectives on Psychological Science	1070-5511	Structural Equation Modeling: A Multidisciplinary Journal
0048-39	Philosophy and Public Affairs	0191-2615	Transportation Research Part B: Methodological
1047-19	Political Analysis	0041-1655	Transportation Science
0190-93	20 Political Behavior	0041 1033	Transportation science
1058-46	9 Political Communication		
0032-32	Politics and Society		
0178-80	Probability Theory and Related Fields		
0033-29	9 Psychological Bulletin		
1047-84	× Psychological Inquiry		
1082-98	9X Psychological Methods		
0033-29	5X Psychological Review		
0956-79	76 Psychological Science		
0033-31	74 Psychosomatic Medicine		
0033-36	2X Public Opinion Quarterly		
1759-73	23 Quantitative Economics		
1570-71	Quantitative Marketing and Economics		
0033-55	Quarterly Journal of Economics		
1554-06	Quarterly Journal of Political Science		
0741-62	RAND Journal of Economics		
0191-30	Research in Organizational Behavior		
1094-20	Review of Economic Dynamics		
0034-65	27 Review of Economic Studies		
0034-65	Review of Economics and Statistics		

Categor	ry 2 Journals	ISSN	Journal Name
		0823-9150	Contemporary Accounting Research/Recherche
ISSN	Journal Name	0044 7045	Comptable Contemporaine
1537-260X	Academy of Management Learning and Education	0011-7315	Decision Sciences
1558-9080	Academy of Management Perspectives	1078-0947	Discrete and Continuous Dynamical Systems - Series A
0001-4826	Accounting Review	0166-218X	Discrete Applied Mathematics
0361-3682	Accounting, Organizations and Society	0921-8009	Ecological Economics Econometric Reviews
0196-8858	Advances in Applied Mathematics	0747-4938	
0001-8678	Advances in Applied Probability	1368-4221 0013-0095	Econometrics Journal Economic Geography
1864-8258	Advances in Calculus of Variations	0938-2259	Economic Theory
1019-7168	Advances in Computational Mathematics	0936-2239	Economica
0001-9909	African Affairs	0261-3794	Electoral Studies
0096-140X	Aggression and Violent Behavior	1083-6489	Electronic Journal of Probability
1359-1789	Aggressive Behavior	1935-7524	Electronic Journal of Statistics
1465-7252	American Law and Economics Review	1754-0739	Emotion Review
0219-5305	Analysis and Applications	0140-9883	Energy Economics
0373-3114	Annali di Matematica Pura ed Applicata	0195-6574	Energy Journal
0020-3157	Annals of the Institute of Statistical Mathematics	1042-2587	Entrepreneurship: Theory and Practice
1941-1367	Annual Review of Financial Economics	0013-9165	Environment and Behavior
1550-3585	Annual Review of Law and Social Science	0143-3857	Ergodic Theory and Dynamical Systems
1931-6690	Bayesian Analysis	1292-8119	ESAIM: Control, Optimisation and Calculus of Variations
0001-8244	Behavior Genetics	0764-583X	ESAIM: Mathematical Modelling and Numerical
1350-7265	Bernoulli: A Journal of Mathematical Statistics and Probability		Analysis
1367-4803	Bioinformatics	0141-9870	Ethnic and Racial Studies
0006-3835	BIT Numerical Mathematics	0963-8180	European Accounting Review
1357-034X	Body & Society	0014-2921	European Economic Review
0007-1102	British Journal of Mathematical and Statistical Psychology	0960-085X	European Journal of Information Systems (EJIS)
0007-1269	British Journal of Psychology	0377-2217	European Journal of Operational Research EJOR
1052-150X	Business Ethics Quarterly	0304-4130	European Journal of Political Research
0008-1256	California Management Review	1465-1165	European Union Politics
0008-4085	Canadian Journal of Economics	1386-4157	•
1535-6841	City and Community	1386-1999	Extremes: Statistical Theory and Applications in Science, Engineering and Economics
0963-5483	Combinatorics, Probability and Computing	0894-4865	Family Business Review
1559-3940	Communications in Applied Mathematics and Computational Science	0949-2984	Finance and Stochastics
0219-1997	Communications in Contemporary Mathematics	0046-3892	Financial Management
1539-6746	Communications in Mathematical Sciences	0933-7741	Forum Mathematicum
0010-4159	Comparative Politics	1664-1078	Frontiers in Psychology
0178-7675	Computational Mechanics	0899-8256	Games and Economic Behavior
0926-6003	Computational Optimization and Applications	0891-2432	Gender & Society
0167-9473	Computational Statistics & Data Analysis	1526-3800	Global Environmental Politics
0045-7825	Computer Methods in Applied Mechanics and Engineering	1470-2266 0952-1895	Global Networks Governance
0305-0548	Computers & Operations Research	1059-6011	Group and Organization Management
0747-5632	Computers in Human Behavior	0017-8012	Harvard Business Review

ISSN	Journal Name	ISSN	Journal Name
1386-9620	Health Care Management Science	1045-5736	Journal of Democracy
1057-9230	Health Economics	0304-3878	Journal of Development Economics
0017-9124	Health Services Research (HSR)	1040-7294	Journal of Dynamics and Differential Equations
0018-7267	Human Relations	0167-2681	Journal of Economic Behavior and Organization
1053-4822	Human Resource Management Review	0165-1889	Journal of Economic Dynamics and Control
0740-817X	IIE Transactions	1468-2702	Journal of Economic Geography
0272-4979	IMA Journal of Numerical Analysis	0022-0507	Journal of Economic History
0960-6491	Industrial and Corporate Change	0167-4870	Journal of Economic Psychology
1350-1917	Information Systems Journal (ISJ)	0950-0804	Journal of Economic Surveys
1091-9856	INFORMS Journal on Computing	1058-6407	Journal of Economics and Management Strategy
0167-6687	Insurance: Mathematics and Economics	0927-5398	Journal of Empirical Finance
0160-2896	Intelligence	0095-0696	Journal of Environmental Economics and Management
1463-9963	Interfaces and Free Boundaries	1076-898X	Journal of Experimental Psychology: Applied
0020-6598	International Economic Review	1479-8409	Journal of Financial Econometrics
0029-5981	International Journal for Numerical Methods in	1386-4181	Journal of Financial Markets
	Engineering	1079-5014	Journal of Gerontology - Series B
0169-2070	International Journal of Forecasting	0167-6296	Journal of Health Economics
0167-7187	International Journal of Industrial Organization	1088-1980	Journal of Industrial Ecology
1460-8545	International Journal of Management Reviews	0022-1821	Journal of Industrial Economics
1940-1612	International Journal of Press/Politics	0268-3962	Journal of Information Technology
0167-8116	International Journal of Research in Marketing	0047-2506	Journal of International Business Studies JIBS
1049-8923	International Journal of Robust and Nonlinear Control	0261-5606	Journal of International Money and Finance
0020-8183	International Organization	0022-2186	Journal of Law and Economics
1749-5679	International Political Sociology	8756-6222	Journal of Law, Economics, and Organization
0306-7734	International Statistical Review	0742-1222	Journal of Management Information Systems
0020-8833	International Studies Quarterly	0022-2445	Journal of Marriage and Family
0169-2070	International Journal of Forecasting	0304-4068	Journal of Mathematical Economics
1460-8545	International Journal of Management Reviews	1422-6928	Journal of Mathematical Fluid Mechanics
0167-7187	International Journal of Industrial Organization	0924-9907	Journal of Mathematical Imaging and Vision
1749-5679	International Political Sociology	0022-2496	Journal of Mathematical Psychology
0266-5611	Inverse Problems	1930-5311	Journal of Modern Dynamics
1930-8337	Inverse Problems and Imaging	0022-2879	Journal of Money, Credit and Banking
1471-0358	Journal of Agrarian Change	0047-259X	Journal of Multivariate Analysis
0883-7252	Journal of Applied Econometrics	1661-6952	Journal of Noncommunitative Geometry
0021-9002	Journal of Applied Probability	0963-1798	Journal of Occupational and Organizational Psychology
0378-4266	Journal of Banking and Finance	0276-8739	Journal of Policy Analysis and Management
0894-3257	Journal of Behavioral Decision Making	0963-8016	Journal of Political Philosophy
0021-9398	Journal of Business	1743-9760	Journal of Positive Psychology
0889-3268	Journal of Business and Psychology	0737-6782	Journal of Product Innovation Management
0883-9026	Journal of Business Venturing	1053-1858	Journal of Public Administration Research and Theory
0885-064X	Journal of Complexity	0022-4146	Journal of Regional Science
1460-1559	Journal of Computational Finance	0022-4359	Journal of Retailing
1057-7408	Journal of Consumer Psychology	0022-4367	Journal of Risk and Insurance
0929-1199	Journal of Corporate Finance	0895-5646	Journal of Risk and Uncertainty
0022-0167	Journal of Counseling Psychology	1094-6136	Journal of Scheduling

ISSN	Journal Name	ISSN	Journal Name
0885-7474	Journal of Scientific Computing	1170-7690	Pharmaco Economics
1094-6705	Journal of Service Research	0031-8248	Philosophy of Science
0378-3758	Journal of Statistical Planning and Inference	0167-2789	Physica D: Nonlinear Phenomena
0963-8687	Journal of Strategic Information Systems	0304-422X	Poetics
1523-2409	Journal of Supply Chain Management	0190-292X	Policy Studies Journal
0092-0703	Journal of the Academy of Marketing Science	0962-6298	Political Geography
1536-9323	Journal of the Association for Information Systems	0162-895X	Political Psychology
	(JAIS)	1065-9129	Political Research Quarterly
0035-9254	Journal of the Royal Statistical Society Series C: Applied Statistics	0032-3217	Political Studies
0143-9782	Journal of Time Series Analysis	0098-7921	Population and Development Review
0094-1190	Journal of Urban Economics	0266-8920	Probabilistic Engineering Mechanics
0001-8791	Journal of Vocational Behavior	1059-1478	Production and Operations Management
1930-2975	Judgment and Decision Making	0893-164X	Psychology and Health
0047-4045	Language in Society	0887-0446	Psychology of Addictive Behaviors
0023-9216	Law and Society Review	1076-8971	Psychology, Public Policy, and Law
1048-9843	Leadership Quarterly	0033-3123	Psychometrika
0362-9805	Legislative Studies Quarterly	1057-9249	Psycho-Oncology
0246-0203	L'Institut Henri Poincaré. Annales (B). Probabilités	0048-5829	Public Choice
	et Statistiques	1558-8599	Pure and Applied Mathematics Quaterly
0024-6301	Long Range Planning	1468-7941	Qualitative Research
1365-1005	Macroeconomic Dynamics	0257-0130	Queueing Systems: Theory and Applications
1044-5005	Management Accounting Research	1042-9832	Random Structures and Algorithms
1740-8776	Management and Organization Review	1080-8620	Real Estate Economics
0960-1627	Mathematical Finance	0951-8320	Reliability Engineering and System Safety
0218-2025	Mathematical Models and Methods in Applied Sciences	0048-7333	Research Policy
0025-5718	Mathematics of Computation	1380-6653	Review of Accounting Studies
1521-3269	Media Psychology	1380-6645	Review of Derivatives Research
0272-989X	Medical Decision Making	1750-6816	Review of Environmental Economics and Policy
1424-9286	Milan Journal of Mathematics	1089-2680	Review of General Psychology
1540-3459	Multiscale Modeling & Simulation	1559-7431	Review of International Organizations Review of Quantitative Finance and Accounting
0027-3171	Multivariate Behavioral Research	0924-865X 0272-4332	Risk Analysis
0028-0283	National Tax Journal	0346-1238	Scandinavian Actuarial Journal
0028-3045	Networks	0347-0520	Scandinavian Journal of Economics
1074-7427	Neurobiology of Learning and Memory	0303-6898	Scandinavian Journal of Statistics: Theory and
1021-9722	Nonlinear Differential Equations and Applications	0000 0030	Applications
0951-7715	Nonlinearity	1536-0040	SIAM Journal on Applied Dynamical Systems
1070-5325	Numerical Linear Algebra With Applications	0036-1399	SIAM Journal on Applied Mathematics
0305-0483	Omega - International Journal of Management Science	0097-5397	SIAM Journal on Computing (Society for Industrial
1055-6788	Optimization Methods and Software		and Applied Mathematics)
0171-6468	OR Spectrum (formerly: OR Spektrum)	0895-4801	SIAM Journal on Discrete Mathematics
0170-8406	Organization Studies	1945-497X	SIAM Journal on Financial Mathematics
0305-9049	Oxford Bulletin of Economics and Statistics	0037-7732	Social Forces
0266-903X	Oxford Review of Economic Policy	0885-7466	Social Justice Research
1354-0688	Party Politics	0049-089X	Social Science Research

ISSN	Journal Name			
0038-0253	Sociological Quarterly			
0038-0385	Sociology			
0141-9889	Sociology of Health & Illness			
1536-867X	Stata Journal			
1017-0405	Statistica Sinica			
0962-2802	Statistical Methods in Medical Research			
0960-3174	Statistics and Computing			
1938-7989	Statistics and Its Interface			
0304-4149	Stochastic Processes and their Applications			
1932-4391	Strategic Entrepreneurship Journal			
1476-1270	Strategic Organization			
0167-6911	Systems & Control Letters			
0040-1706	Technometrics			
0304-2421	Theory and Society			
0040-585X	Theory of Probability and Its Applications			
1366-5545	Transportation Research Part E: Logistics and Transportation Review			
0140-2382	West European Politics			
0730-8884	Work and Occupations			
0267-8373	Work Stress			
0258-6770	World Bank Economic Review			
0257-3032	World Bank Research Observer			
0305-750X	World Development			

Rules for Publications Premia

The purpose of the publication premia program is to provide employees of our faculty with incentives to publish in excellent journals in the key fields of our research, i.e. in Business, Economics, Statistics and related fields.

Specifically, we consider the following JCR fields as "key fields" of our faculty: Business; Business, Finance; Economics; Management; Mathematics, applied; Mathematics, interdisciplinary applications; Operations Research & Management Science; Political Science; Psychology, applied; Psychology, multi-disciplinary; Sociology, Statistics & Probability. Publications in excellent journals outside of these fields of research can also receive premia upon application to the Faculty Research Committee. The default is that a journal that is in the top decile (D1) according to the Article Influence Score in a non-core field of our faculty is rewarded as a Cat. 2 journal.

Who is Entitled to Receive Publication Premia?

Premia are paid for outstanding success in publishing. In particular, premia are paid for articles published in journals in Category 1 or 2 in the Faculty Journal List (FJL). The FJL is publicly available (e.g. on our webpage).

- Only persons who are employed by the University of Vienna and are assigned to the Faculty of Business, Economics and Statistics or any of its sub-units at the time of payment are entitled to receive premia. For example, someone who has joined the department in October of the previous year is in principle entitled to payment, someone who has left the faculty in October is not.
- The employee must have indicated University of Vienna, or our faculty or one of its subunits as an affiliation on the publication to be entitled to payment.
- Premia are paid only for publications registered in our information system ucris.
- Premia are paid in spring for papers that have appeared in print the preceding year. Many authors post their working papers as "preprints" and journals post (sometimes unedited) preprints on their webpages. While an acceptance letter by an editor is typically as good as a printed publication for one's career and promotion, we draw the line where an issue (and page) number has been assigned to the article.

The faculty board informs those entitled to receive a premium about the amount to be paid. As a default, this amount is paid to an account at the subunit (e.g. department) where the beneficiary is affiliated.

Special rules apply for **non-tenured faculty** (i.e. anyone with full-time employment at our faculty, including PhD students). Non-tenured colleagues who have a paper

in print in the previous calendar year are also rewarded and will be informed along with and according to the same rules as their tenured colleagues. In addition, non-tenured faculty can apply for early payment of forthcoming papers. The reason for this special rule is that non-tenured faculty are more mobile and may have left the faculty by the time we effectuate the payments for the previous year. To apply, send a mail to dekanat. wiwi@univie.ac.at naming the article for which you apply and by providing clear evidence that your paper is forthcoming. A letter by the editor stating that the paper has been accepted counts as clear evidence (but he or she has to say so without any ifs and buts, i.e. we do not pay if the editor says the paper is "conditionally accepted" or is "accepted subject to minor revision". It must be "accepted for publication", plain and simple). Another way to provide the clear evidence is to send us a link to the journal homepage where your paper is listed as forthcoming (in preprint etc.).

How Much is Paid?

While the faculty board strives for continuity in payments, we consider adjusting the amount paid by publication on an annual basis to budgetary conditions. We pay x Euros for a Cat. 1 publication and y Euros for a Cat. 2, where x > y. The exact amounts will be announced by the dean.

Payments are adjusted to the number of co-authors. Every person entitled to receive the premium (see above) is paid 1/n where n is the total number of authors for the paper. For example, suppose 5 authors have jointly published a paper in a Category 1 journal in 2015, and two of these authors were employees of the Faculty at the time of payment. Then, the two employees receive x/5 Euros each, the other authors (non-employees) do not get any payment.

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