

7th ZEW/MaCCI Conference on the Economics of Innovation and Patenting

Final Version: May 11, 2017

Mannheim, May 15-16, 2017

Conference venue: ZEW, L7, 1, 68161 Mannheim

P R O G R A M M E

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08:30	Arrival and Registration
09:00	Welcome Address <i>Georg Licht, ZEW & MaCCI Mannheim, DE</i>
09:15 Room Brussels	PLENARY SESSION A <i>Chair: Georg Licht, ZEW & MaCCI Mannheim, DE</i>
	Are "Patent Boxes" a Good Way to Encourage Innovation? <i>Bronwyn H. Hall, University of Berkeley and NBER, US</i>
	All Patents Great and Small - A Big Data Network Approach to Valuation <i>Andrew W. Torrance, University of Kansas School of Law, US</i>
11:00	Coffee Break
11:20	PARALLEL SESSIONS I
12:20	Lunch Break
13:15 Room Brussels	PLENARY SPEED PAPER DATING (Part A: Presentation) <i>Chair: Dirk Czarnitzki, KU Leuven, DE</i>
14:15	INDIVIDUAL PAPER DATING (Part B: Poster) & Coffee
15:15	PARALLEL SESSIONS II
16:45	Coffee Break
17:00	PARALLEL SESSIONS III
18:30	End of First Day
19:00	Bus Trip to Conference Dinner (Meeting point: 19:00 ZEW foyer – 3-minute walk to the bus; bus departure: 19:15 Mannheim Castle / entrance: Ehrenhof)

Conference Dinner

<https://www.kellerskeller.de/%C3%BCber-uns/>

Keller's Keller, Obergasse 10, 67152 Ruppertsberg

P R O G R A M M E

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09:30	PARALLEL SESSIONS IV
11:00	Coffee Break
11:30	PLENARY SESSION B
Room Brussels	<i>Chair: Katrin Hussinger, University of Luxembourg, LU</i>
	Does Science Advance One Funeral at a Time? <i>Pierre Azoulay, MIT Sloan School of Management and NBER, US</i>
12:30	Lunch Break
13:30	PARALLEL SESSIONS V
15:00	Coffee Break
15:20	PLENARY SESSION C
Room Brussels	<i>Chair: Bettina Peters, ZEW & MaCCI Mannheim, DE and University of Luxembourg, LU</i>
	Migration and Innovation <i>Francesco Lissoni, University of Bordeaux, FR</i>
16:20	Concluding Remark <i>Georg Licht, ZEW and MaCCI Mannheim, DE</i>
16:30	FAREWELL DRINKS AND PRETZELS
Optional:	Evening trip to Schwetzingen

13:15

PLENARY SPEED PAPER DATING (Part A: Presentation)

Chair: Dirk Czarnitzki, KU Leuven, BE

Introduction: Dirk Czarnitzki

13:20

International Mobility and Research Careers: Evidence from a Mobility Grant Program

Stefano Baruffaldi (MPI for Innovation and Competition, Munich, DE)

13:25

Potluck or Chef de Cuisine? Knowledge Diversity and Award-Winning Inventor Teams

Dennis Verhoeven (KU Leuven, BE)

13:30

Immigration and Innovation: Empirical Evidence from the Collapse of the Soviet Union

Gaëtan de Rassenfosse (EPFL Lausanne, CH), **Gabriele Pellegrino** (EPFL Lausanne, CH) and Julio Raffo (WIPO Geneva, CH)

13:35

The Quality and Orientation of University Research and its Attraction to Inward Investments in Research and Development

Rene Belderbos (KU Leuven, BE), **Nazareno Braitto** (KU Leuven, BE) and Jian Wang (KU Leuven, BE)

13:40

Discrimination Against Foreigners in the Patent System: Evidence from Standard-Essential Patents

Gaëtan de Rassenfosse (EPFL Lausanne, CH), **Emilio Raiteri** (EPFL Lausanne, CH), and Rudi Bekkers (Eindhoven University of Technology, NL)

13:45

Measuring Patent Quality Based on ISR Citations: Development of Indices and Application to Chinese Firm-Level Data

Philipp Boeing (ZEW Mannheim, DE) and Elisabeth Mueller (German Graduate School of Management and Law, DE)

13:50

Patent Count vs. Patent Breadth and the Differential Effect of Trade Secret Law on Firms' Patenting Strategy

David T. Angenendt (University of Bologna, IT)

13:55

Production of Knowledge in European Large Firms in Chemicals and Pharma/Biotech Sectors: Where is the Knowledge Produced?

Patricia Laurens (Université Paris-Est, FR), Antoine Schoen (Université Paris-Est, FR), Alfredo Yegros (Leiden University, NL) and Philippe Larédo (Université Paris-Est, FR)

14:00

Taking the Crowd by the Hand –The Intermediary Role of Crowdfunding Platforms

Fabian Gaessler (MPI for Innovation and Competition, Munich, DE)

14:05

Public Procurement as Policy Instrument for Innovation

Dirk Czarnitzki (KU Leuven, BE), **Paul Hünermund** (ZEW Mannheim, DE) and Nima Moshgbar (KU Leuven, BE)

14:15

INDIVIDUAL PAPER DATING (Part B: Poster)

Posters are presented at the foyer and outside of room “Brussels”. Authors of the papers are happy to discuss their contribution with the audience there while having a coffee, tea or refreshment available during the poster session in both locations.

PARALLEL SESSIONS

11:20-12:20	PARALLEL SESSIONS I		Monday, May 15
Room Brussels	Room 1	Room 2	
<p>Session I A: Orientation of Scientific Research Chair: Maikel Pellens (ZEW Mannheim, DE)</p> <p>Funding Portfolio for Academic Research and its Impact on Scientists' Research Orientation Stefano Bianchini (BETA, University of Strasbourg, FR) and Patrick Llerena (BETA, University of Strasbourg, FR)</p> <p>Discussant: Matthias Geissler (Technical University Dresden, DE)</p> <p>Commercialization of Academic Research: Implications for Individual's Scientific Productivity and Research Agenda Composition Florence Blandinieres (ZEW Mannheim, DE) and Maikel Pellens (ZEW Mannheim, DE)</p> <p>Discussant: Cornelia Lawson (University of Bath, UK)</p>	<p>Session I B: Competition and Innovation Chair: Kornelius Kraft (TU Dortmund, DE)</p> <p>How Antitrust Enforcement Can Spur Innovation: Bell Labs and the 1956 Consent Decree Martin Watzinger (LMU Munich, DE), Thomas A. Fackler (LMU Munich, DE), Markus Nagler (LMU Munich, DE) and Monika Schnitzer (LMU Munich, DE)</p> <p>Discussant: Paul Hünermund (ZEW Mannheim, DE)</p> <p>Escaping Competition and Competency Traps: Identifying How Innovative Search Strategy Enables Market Entry Benjamin Balsmeier (ETH Zurich, CH), Gustavo Manso (University of California at Berkeley, US) and Lee Fleming (University of California at Berkeley, US)</p> <p>Discussant: Christoph Grimpe (Copenhagen Business School, DK)</p>	<p>Session I C: Market for Technology Chair: Bettina Peters (ZEW Mannheim, DE)</p> <p>Firm Matching in the Market for Technology Pere Arqué-Castells (Northwestern University, US) and Daniel F. Spulber (Northwestern University, US)</p> <p>Discussant: Philipp Boeing (ZEW Mannheim, DE)</p> <p>Shooting Ourselves in the Foot to Kill a Fly? Patent Enforcement and Market for Technology Pooyan Khashabi (LMU Munich, DE) and Senem Aydin (Northeastern University, US)</p> <p>Discussant: Stefan Wagner (ESMT European School of Management and Technology, Berlin, DE)</p>	
<p>12:20 – 13:15 Lunch Break 13:15 – 14:15 Plenary Speed Paper Dating 14:15 – 15:15 Individual Paper Dating</p>			

*Presenting authors in bold

15:15-16:45	PARALLEL SESSIONS II		Monday, May 15
Room Brussels	Room 1	Room 2	
<p>Session II A: Knowledge Production Chair: Karin Hoisl (Mannheim University, DE)</p>	<p>Session II B: Tax Incentives and R&D Subsidies Chair: Oliver Koppel (Cologne Institute of Economic Research, DE)</p>	<p>Session II C: Impact of Patent Protection Chair: Jacques Mairesse (CREST-ENSAE, Paris, FR)</p>	
<p>The Role of Informational Public Goods in Science: Evidence From a Randomized Controlled Trial of How Science is Shaped by Wikipedia Neil C. Thompson (MIT Sloan School of Management, US) and Douglas Hanley (University of Pittsburgh, US)</p> <p>Discussant: Myra Mohnen (University of Essex, UK)</p> <p>Nobel Prizes in Economics and Post-Award Attention: Who Cares About What? Zakaria Babutsidze (SKEMA Business School, Sophia Antipolis, FR) and Mark J. McCabe (SKEMA Business School, Sophia Antipolis, FR)</p> <p>Discussant: Orion Penner (EPLF Lausanne, CH)</p> <p>Stars and Brokers: Knowledge Spillovers among Medical Scientists Myra Mohnen (University of Essex, UK)</p> <p>Discussant: Katrin Hussinger (University of Luxembourg, LU)</p>	<p>Do Tax Incentives for Research Increase Firm Innovation? An RD Design for R&D Antoine Dechezleprêtre (London School of Economics, UK), Elias Einiö (LSE, UK), Ralf Martin (Imperial College Business School, London, UK), Kieu-Trang Nguyen (LSE, UK) and John Van Reenen (MIT, US)</p> <p>Discussant: Martin Watzinger (LMU Munich, DE)</p> <p>Spillover from the Haven: Cross-border Externalities of Patent Box Regimes within Multinational Firms Thomas Schwab (ZEW & University of Mannheim, DE) and Maximilian Todtenhaupt (ZEW & University of Mannheim, DE)</p> <p>Discussant: Boris Lokshin (Maastricht University, NL)</p> <p>How Persistent is the Firms' Participation in R&D Subsidy and Tax Credit Programs? Marina Rybalka (Statistics Norway, NO)</p> <p>Discussant: María García-Vega (University of Nottingham, UK)</p>	<p>Patents, Data Exclusivity, and Clinical Trial Outcomes Fabian Gaessler (MPI for Innovation and Competition, Munich, DE) and Stefan Wagner (ESMT European School of Management and Technology, Berlin, DE)</p> <p>Discussant: Christian Fons-Rosen (Universitat Pompeu Fabra, ES)</p> <p>Patent Duration, Breadth and Costly Imitation: Evidence from the US Pharmaceutical Market Olena Izhak (University of Helsinki, FI), Tanja Saxell (VATT, FI) and Tuomas Takalo (Hanken School of Economics, FI)</p> <p>Discussant: Vanessa Behrens (ZEW Mannheim, DE)</p> <p>The Impact of International Patent Systems: Evidence from Accession to the European Patent Convention Bronwyn Hall (University of California at Berkeley, US) and Christian Helmers (Santa Clara University, US)</p> <p>Discussant: Andrew Toole (US PTO, Washington, US)</p>	
<p>16:45 – 17:00 Coffee Break</p>			

17:00-18:30	PARALLEL SESSIONS III		Monday, May 15
Room Brussels	Room 1	Room 2	
<p>Session III A: Globalisation of R&D Chair: Mark J. McCabe (SKEMA Business School, Sophia Antipolis, FR)</p>	<p>Session III B: Crisis and Innovation Chair: Matthias Geissler (Technical University Dresden, DE)</p>	<p>Session III C: Implications of Patent Systems Chair: Bronwyn H. Hall (University of Berkeley, US)</p>	
<p>The Impact of Founder Teams Diversity on Innovativeness – The Effect of Cultural, Job-Related and Background-Related Diversity on a New Venture’s R&D Efforts and Innovation Performance Niclas Ruffer (University of Mannheim, DE), Suleika Bort (University of Mannheim, DE), Simona Wagner (ZEW Mannheim, DE) and Johannes Bersch (ZEW, Mannheim, DE)</p> <p>Discussant: Egle Vaznyte (University of Ghent, BE)</p> <p>Multinationals and the Globalization of R&D María García-Vega (University of Nottingham, UK), Patricia Hofmann (University of Hohenheim, DE) and Richard Kneller (University of Nottingham, UK)</p> <p>Discussant: : Martin Hud (ZEW Mannheim, DE)</p> <p>Diversity of Top Management Teams and the Effectiveness of Global R&D: Executive Nationality and International Work Experience Rene Belderbos (KU Leuven, BE), Boris Lokshin (Maastricht University, NL), Christophe Boone (University of Antwerp, BE) and Jojo Jacob (Grenoble Ecole de Management, FR)</p> <p>Discussant: Karin Hoisl (Mannheim University, DE)</p>	<p>The Impact of the Financial Crisis on Financing of Innovations Marek Giebel (TU Dortmund, DE) and Kornelius Kraft (TU Dortmund, DE)</p> <p>Discussant: Marek Dietl (Warsaw School of Economics, PL)</p> <p>Access to Finance as a Pressing Problem: Evidence from Innovative European Firms Anabela Santos (Université Libre de Bruxelles, BE) and Michele Cincera (Université Libre de Bruxelles, BE)</p> <p>Discussant: Marius Berger (ZEW Mannheim, DE)</p> <p>From Innovation to Exporting in Times of Crisis Mattia Di Ubaldo (The Economic and Social Research Institute, Dublin, IE)</p> <p>Discussant: Kornelius Kraft (TU Dortmund, DE)</p>	<p>Patents and Cumulative Innovation - Evidence from Post-Grant Patent Oppositions Fabian Gaessler (MPI for Innovation and Competition, Munich, DE), Dietmar Harhoff (MPI for Innovation and Competition, Munich, DE) and Stefan Sorg (MPI for Innovation and Competition, Munich, DE)</p> <p>Discussant: Maikel Pellens (ZEW Mannheim, DE)</p> <p>The Effect of Fee Shifting on Litigation: Evidence from a Court Reform in the UK Christian Helmers (Santa Clara University, US), Yassine Lefouili (Toulouse School of Economics, FR), Brian Love (Santa Clara University, US) and Luke McDonagh (City, University of London, UK)</p> <p>Discussant: Emanuele Tarantino (University of Mannheim, DE)</p> <p>Mixing to Imitate: On the Need for Intellectual Property Rights Klaus Kultti (University of Helsinki, FI) and Tuomas Takalo (Hanken School of Economics, FI)</p> <p>Discussant: Alexandra Zaby (University of Tübingen, DE)</p>	
<p>18:30 End of First Day</p>			
<p>19:00 Bus to Conference Dinner</p>			

09:30-11:00		PARALLEL SESSIONS IV		Tuesday, May 16
Room Brussels	Room 1	Room 2	Room HKH	
<p>Session IV A: Inventor Networks Chair: Elisabeth Mueller (German Graduate School of Management and Law, DE)</p>	<p>Session IV B: Knowledge Spillovers and Knowledge Diffusion Chair: Pierre Azoulay (MIT Sloan School of Management, US)</p>	<p>Session IV C: Learning and Innovation Chair: Georg Licht (ZEW Mannheim, DE)</p>	<p>Session IV D: Intangible Assets Chair: Andrew Torrance (University of Kansas School of Law, US)</p>	
<p>Social Ties for Labor Market Access – Lessons from the Migration of East German Inventors Karin Hoisl (Mannheim University, DE), Matthias Dörner (MPI, Munich, DE), Dietmar Harhoff (MPI, Munich, DE), Tina Hinz (FAU Nürnberg, DE) and Stefan Bender (RDSC Frankfurt, DE)</p> <p>Discussant: Mark J. McCabe (SKEMA Business School, Sophia Antipolis, FR)</p>	<p>Colocation and Knowledge Diffusion: Evidence from Million Dollar Plants Christian Fons-Rosen (Universitat Pompeu Fabra, ES), Vincenzo Scrutinio (London School of Economics, UK) and Katalin Szemerédi (London School of Economics, UK)</p> <p>Discussant: Olof Ejerme (Lund University, SE)</p>	<p>Consumer Preferences for Product Updates Under Digitization: A Model of Demand for Smartphone Applications Benjamin T. Leyden (University of Virginia, US)</p> <p>Discussant: Antoine Dechezleprêtre (London School of Economics, UK)</p>	<p>The Dynamic Relationship between Investments in Brand Equity and Firm Profitability: Evidence using Trademark Registrations Dirk Crass (ZEW Mannheim, DE), Dirk Czarnitzki (KU Leuven, BE), Andrew A. Toole (United States Patent and Trademark Office, US)</p> <p>Discussant: Klaus Kultti (University of Helsinki, FI)</p>	
<p>Highly Skilled Migrant Networks and the Internationalization of Knowledge Claudia Noumedem Temgoua (Université de Bordeaux, FR)</p> <p>Discussant: Elisabeth Mueller (German Graduate School of Management and Law, DE)</p>	<p>The Lives of the Others: Knowledge Spillovers from Subsidized R&D and the Productivity of Non-Subsidized Firms Hanna Hottenrott (TUM School of Management, Munich, DE) and Cindy Lopes-Bento (Maastricht University, NL)</p> <p>Discussant: Areti Gkypali (University of Warwick, UK)</p>	<p>Learning When to Quit Bernhard Ganglmair (University of Texas, US), Timothy Simcoe (Boston University, US) and Emanuele Tarantino (University of Mannheim, DE)</p> <p>Discussant: Mark J. Roberts (Penn State University, State College, US)</p>	<p>Patents and Standards as Knowledge Sources for Innovation Knut Blind (TU Berlin, DE) and Jakob Pohlisch (TU Berlin, DE)</p> <p>Discussant: Fabian Gaessler (MPI for Innovation and Competition, Munich, DE)</p>	
<p>Do Immigrants Return Knowledge Home? The Evidence on Knowledge Dissemination via Wikipedia Olga Slivko (ZEW Mannheim, DE)</p> <p>Discussant: Claudia Noumedem Temgoua (Université de Bordeaux, FR)</p>	<p>Patenting Activity in the Solar Industry Hans Lööf (KTH, Stockholm, SE) and Luis Pérez (KTH, Stockholm, SE)</p> <p>Discussant: Matthias Mertens (IWH, Halle, DE)</p>	<p>Buyer Competence and Innovation Procurement Francesco Decarolis (Boston University, US), Gaéтан de Rassenfosse (EPFL, CH), Leonardo Giuffrida, Elisabetta Iossa, Vincenzo Mollisi (University of Rome Tor Vergata, IT), Emilio Raiteri (EPFL, CH), and Giancarlo Spagnolo (Stockholm School of Economics, SE)</p> <p>Discussant: Benjamin Balsmeier (ETH Zurich, CH)</p>	<p>Radical Technological Change and the Involvement of Incumbents in Research Grant Competitions Anders Ørding Olsen (Copenhagen Business School, DK), Wolfgang Sofka (Copenhagen Business School, DK) and Christoph Grimpe (Copenhagen Business School, DK)</p> <p>Discussant: Marina Rybalka (Statistics Norway, NO)</p>	
11:00 – 11:30 Coffee Break				

13:30-15:00	PARALLEL SESSIONS V			Tuesday, May 16
Room Brussels	Room 1	Room 2	Room HKH	
<p>Session V A: Productivity of scientists Chair: Cornelia Lawson (University of Bath, UK)</p>	<p>Session V B: R&D Collaborations Chair: Francesco Lissoni (University of Bordeaux, FR)</p>	<p>Session V C: Drivers of Productivity Chair: Mark Roberts (Pennsylvania State University, US)</p>	<p>Session V D: Patent Pendency Chair: Andrew A. Toole (United States Patent and Trademark Office, US)</p>	
<p>University Invention and the Abolishment of the Professor's Privilege in Finland Olof Ejerme (Lund University, SE) and Hannes Toivanen (VTT Technical Research Centre of Finland, FI)</p> <p>Discussant: Dirk Czarnitzki (KU Leuven, BE)</p> <p>The Effects of Intellectual Property Rights on Publications of University Scientists Laurent Bergé (University of Luxembourg, LU), Thorsten Doherr (ZEW, Mannheim, DE) and Katrin Hussinger (University of Luxembourg, LU)</p> <p>Discussant: Stefano Bianchini (BETA, University of Strasbourg, FR)</p> <p>What's behind Multiple Institutional Affiliations in Economics and Management Research? Hanna Hottenrott (TUM School of Management, Munich) and Cornelia Lawson (University of Bath, UK)</p> <p>Discussant: Simona Wagner (ZEW Mannheim, DE)</p>	<p>Absorbing Partner Knowledge in R&D Collaborations –The Influence of Founders on Knowledge Recognition, Assimilation, and Exploitation Elisabeth Mueller (German Graduate School of Management and Law, Heilbronn, DE), Lorna Syme (Frankfurt School of Finance and Management, DE), and Carolin Haeussler (University of Passau, DE)</p> <p>Discussant: Jakob Pohlisch (TU Berlin, DE)</p> <p>Does Learning from Prior Collaboration Help Firms to Overcome the 'Two Worlds' Paradox in University-Business Collaboration? Nola Hewitt-Dundas (Queen's University Belfast, IE), Areti Gkypali (University of Warwick, UK) and Stephen Roper (University of Warwick, UK)</p> <p>Discussant: Yuya Ikeda (NISTEP, Tokyo, JP)</p> <p>The Contribution of Academic Expertise in Corporate Technology Development: When Do Firms Benefit? Hanne Peeters (KU Leuven, BE) and Bart Van Looy (KU Leuven, BE)</p> <p>Discussant: Hans Lööf (KTH, Stockholm, SE)</p>	<p>The Dynamic Impact of R&D Investment on Productivity and Export Demand in Swedish Manufacturing Florin G. Maican (KU Leuven, BE), Matilda Orth (IFN Stockholm, SE), Mark J. Roberts (Pennsylvania State University, US) and Van Anh Vuong (University of Cologne, DE)</p> <p>Discussant : Pere Arqué-Castells (Northwestern University, US)</p> <p>Import Competition and Multi Product Firms' Productivity Richard Bräuer (IWH, Halle, DE), Matthias Mertens (IWH, Halle, DE) and Viktor Slavtchev (IWH, Halle, DE)</p> <p>Discussant: Van Anh Vuong (University of Cologne, DE)</p> <p>Assessing Measurement Errors in the CDM Research-Innovation-Productivity Relationships Jacques Mairesse (CREST-ENSAE, Paris, FR) and Stéphane Robin (University of Paris 1 Pantheon-Sorbonne, FR)</p> <p>Discussant: Bettina Peters (ZEW Mannheim, DE)</p>	<p>Pendency and Thickets Marek Dietl (Warsaw School of Economics, PL), Lukasz Skrok (Warsaw School of Economics, PL), Pablo Benalcazar (Polish Academy of Sciences, Cracov, PL) and Mateusz Gatkowski (University of Essex, UK)</p> <p>Discussant: Tanja Saxell (VATT, FI)</p> <p>Limited Patent Disclosure Diana Heger (IHS Economics, Frankfurt, DE) and Alexandra Zaby (University of Tübingen, DE)</p> <p>Discussant: Leonardo Giuffrida (University of Rome Tor Vergata, IT)</p> <p>Reducing Patent Pendency: Has the Patent Prosecution Highway been Effective? Vanessa Behrens (ZEW Mannheim, DE), Dirk Czarnitzki (KU Leuven) and Andrew Toole (United States Patent and Trademark Office, US)</p> <p>Discussant: Stefan Sorg (MPI for Innovation and Competition, Munich, DE)</p>	

15:00 – 15:20 Coffee Break