

5th ZEW/MaCCI Conference on the Economics of Innovation and Patenting
Centre for European Economic Research (ZEW) and
Mannheim Centre for Competition and Innovation (MaCCI)
June 3-4, 2013 at ZEW, Mannheim, Germany

Programme Overview (as of May 21, 2013)

Conference Venue:

ZEW

68161 Mannheim

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Monday, June 3

08:30-9:15	Registration	
09:15-09:30	Welcome Clemens FUEST (ZEW and University of Mannheim, DE)	Room Brussels
09:30-11:00	PLENARY SESSION A Chair: Bettina PETERS (ZEW and MaCCI, Mannheim, DE and University of Zurich, CH)	Room Brussels
	If Technology Has Arrived Everywhere, Why Has Income Diverged? (Joint work with Marti Mestieri, Toulouse School of Economics) Diego COMIN (Harvard Business School, Boston, US)	
	Chinese Innovation Model and its Impact to the World LIU Xielin (Graduate University of Chinese Academy of Science, Beijing, CN)	
11:00-11:30	Coffee Break	
11:30-13:00	PARALLEL SESSIONS I (see below)	
13:00-13:45	Lunch Break	
13:45-15:15	PARALLEL SESSIONS II (see below)	
15:15-15:45	Coffee Break	
15:45-16:45	PARALLEL SESSIONS III (see below)	
16:45-17:00	Coffee Break	
17:00-18:30	Panel Discussion: Mission-oriented vs. Horizontal R&D Policies? Moderator: Georg LICHT (ZEW and MaCCI, Mannheim, DE)	Room Brussels
	Panelists: Engelbert BEYER (Head of Department "Innovation Strategies"; Federal Ministry of Education and Research, Berlin, DE) Dominique FORAY (École Polytechnique Fédérale de Lausanne, CH) Stuart GRAHAM (Georgia Tech and US Patent and Trademark Office, Alexandria, US) Jochen MAAS (Sanofi-Aventis, Vice President R&D Europe and Head R&D Germany, Frankfurt, DE)	
19:30	Conference Dinner <i>Venue: Windeck Castle, Weinheim</i> <i>Departure to dinner location: 19:00 (meeting point: ZEW)</i>	

Tuesday, June 4

08:45-10:15	PARALLEL SESSIONS IV (see below)	
10:15-10:45	Coffee Break	
10:45-12:15	PARALLEL SESSIONS V (see below)	
12:15-13:15	Lunch Break	
13:15-14:00	PLENARY SESSION B Chair: Konrad STAHL (University of Mannheim, MaCCI and ZEW, Mannheim, DE) Estimating Dynamic Models of Firm R&D Using Innovation Surveys Mark ROBERTS (Pennsylvania State University, University Park, US)	Room Brussels
14:00-14:15	Coffee Break	
14:15-15:15	PARALLEL SESSIONS VI (see below)	
15:15-15:30	Coffee Break	
15:30-17:00	PLENARY SESSION C Chair: Kai Hueschelrath (ZEW and MaCCI, Mannheim and WHU Vallendar, DE) Academic Patent Licenses: Roadblocks or Signposts for Unlicensed Innovators? (Joint work with Kyriakos Drivas, University of Piraeus, GR and Zhen Lei, Pennsylvania State University, US) Brian WRIGHT (University of California, Berkeley, US) The Value of Patent Portfolios Dietmar HARHOFF (Max Planck Institute for Intellectual Property and Competition Law and LMU, Munich, DE)	Room Brussels
17:00-17:05	Closing Remarks Georg LICHT (ZEW and MaCCI, Mannheim, DE)	Room Brussels
17:05	FAREWELL DRINKS AND PRETZELS	

Conference is supported by

PARALLEL SESSIONS

11:30 – 13:00	PARALLEL SESSIONS I		Monday, June 3, 2013
Room Brussels	Room 1	Room 2	
<p>Session I A: Economic Impacts of Strength of IP Rights Chair: Ajay Bhaskarabhatla (Erasmus School of Economics, NL)</p> <p>Protection of Basic Research and R&D Incentives in an International Setting Reiko Aoki (Hitotsubashi University, JP) and Tina Kao (Australian National University, AUS) <i>Discussant: Arvids A. Ziedonis (Lundquist College of Business, University of Oregon, US)</i></p> <p>Patent Premium in Countries with Weak Intellectual Property Rights Protection Can Huang (UNU-MERIT & Maastricht University, NL) and Zhe Qu (School of Management, Fudan University, CN) <i>Discussant: Roger Svensson (IFN, SE)</i></p> <p>First-Mover Advantages Before and After TRIPS: Evidence from the Indian Pharmaceutical Industry Ajay Bhaskarabhatla (Erasmus School of Economics, NL) and Chirantan Chatterjee (Indian Institute of Management, IN) <i>Discussant: Paula Schliessler (ZEW, DE & KU Leuven, BE)</i></p>	<p>Session I B: Patents and Value of Innovation Chair: Dirk Czarnitzki (KU Leuven, Centre for R&D Monitoring (ECOOM), BE & ZEW, DE)</p> <p>Patent Races and Market Value Dirk Czarnitzki (KU Leuven, Centre for R&D Monitoring (ECOOM), BE & ZEW, DE), Katrin Hussinger (University of Luxembourg, LU, KU Leuven, BE & ZEW, DE), Bart Leten (KU Leuven, BE) and Cédric Schneider (Copenhagen Business School, DK) <i>Discussant: Christian Helmers (Universidad Carlos III de Madrid, ES)</i></p> <p>Corporate Science, Innovation and Firm Value Markus Simeth (École Polytechnique Fédérale de Lausanne, CH) and Michele Cincera (Université Libre de Bruxelles, Solvay Brussels School of Economics and Management & iCite, BE) <i>Discussant: Karin Hoisl (INNO-tec, University of Munich, DE)</i></p> <p>Are Joint Patents Collusive? Evidence from the US and Europe Andrea Fosfuri (Bocconi University, IT), Christian Helmers (Universidad Carlos III de Madrid, ES) and Catherine Roux (University of St. Gallen, CH) <i>Discussant: Michael Mazzeo (Kellogg School of Management, Northwestern University, US)</i></p>	<p>Session I C: Commercialization of Academic Research Chair: Birgit Aschhoff (ZEW, DE)</p> <p>Signaling and the Ownership of Academic Patents Nicolas Carayol (Université Bordeaux IV & GREThA - CNRS, FR) and Valerio Sterzi (Université Bordeaux IV & GREThA - CNRS, FR) <i>Discussant: Hanna Hottenrott (KU Leuven, BE & ZEW, DE)</i></p> <p>Innovation by University Employees Hans K. Hvide (University of Bergen, NO) and Ben Jones (Northwestern University, US) <i>Discussant: Andrew Toole (ERS, Washington, US)</i></p> <p>Competing Perceptions of Academic and Industrial Science and the Convergence of Institutional Logics Birgit Aschhoff (ZEW, DE) and Christoph Grimpe (Copenhagen Business School, DK) <i>Discussant: Antonio Della Malva (KU Leuven, BE)</i></p>	
13:00 – 13:45 Lunch			

13.45 – 15:15	PARALLEL SESSIONS II		Monday, June 3, 2013
Room Brussels	Room 1	Room 2	
<p>Session II A: Impact of Patent Litigation Chair: Paula Schliessler (ZEW, DE)</p>	<p>Session II B: Use of Innovation Chair: Vivek Ghosal (Georgia Institute of Technology, US, EBS, Wiesbaden & CESifo Munich, DE)</p>	<p>Session II C: Innovation and Firm Performance Chair: Reinhilde Veugelers (KU Leuven and Bruegel, Brussels, BE)</p>	
<p>Do NPEs Matter? Non-Practicing Entities and Patent Litigation Outcomes Michael J. Mazzeo (Kellogg School of Management, Northwestern University, US), Jonathan Hillel (Skadden, Arps, Slate, Meagher & Flom LLP, US) and Samantha Zyontz (Harvard University, US) <i>Discussant: Katrin Cremers (ZEW, DE)</i></p> <p>The Effect of Patent Litigation on Firm Performance - Evidence for Germany Paula Schliessler (ZEW, DE & KU Leuven, BE) <i>Discussant: Junbyoung Oh (Inha University, KR)</i></p> <p>Invalid but Infringed?! The Impact of the German Patent Enforcement System on Innovation Katrin Cremers (ZEW, DE), Fabian Gaessler (Max Planck Institute for Intellectual Property and Competition Law, DE), Dietmar Harhoff (Max Planck Institute for Intellectual Property and Competition Law & LMU, Munich, DE) and Christian Helmers (Universidad Carlos III de Madrid, ES) <i>Discussant: Deepak Hegde (New York University & USPTO, US)</i></p>	<p>Intellectual Property Rights, Distance from the Frontier and Innovation Antonio Della Malva (KU Leuven, BE) and Enrico Santarelli (University of Bologna, IT) <i>Discussant: Marit Klemetsen (University of Oslo/CREE, NO)</i></p> <p>Sourcing, Using and Exploiting New Ideas: UK Evidence Giuliana Battisti (University of Warwick, UK) and Paul Stoneman (University of Warwick, UK) <i>Discussant: Sabien Dobbelaere (VU University Amsterdam, Tinbergen Institute, NL & IZA, DE)</i></p> <p>Influence of Chain and Network Affiliation in the Adoption of Information Technology Brant Callaway (Vanderbilt University, US) and Vivek Ghosal (Georgia Institute of Technology, US, European Business School, Wiesbaden & CESifo Munich, DE) <i>Discussant: Paul David (Stanford University, US & UNU-Merit, NL)</i></p>	<p>Evaluating Returns to R&D of Manufacturing Firms: Evidence from Haidian Science Park, Beijing, China Fang Zhou (UNU-MERIT, NL & Renmin University of China) and Pierre Mohnen (UNU-MERIT & University of Maastricht, NL) <i>Discussant: Cindy Lopes-Bento (KU Leuven, BE, CEPS/INSTEAD, LU & ZEW, DE)</i></p> <p>How Important is Industry-Specific Managerial Experience for Innovative Firm Performance? Benjamin Balsmeier (KU Leuven, BE & University of Münster, DE) and Dirk Czarnitzki (KU Leuven, Centre for R&D Monitoring (ECONOM), BE & ZEW, DE) <i>Discussant: Markus Simeth (École Polytechnique Fédérale de Lausanne, CH)</i></p> <p>Innovation Budgeting During Crisis: Strategies for Strengthening Post-crisis Performance Holger Ernst (WHU, Vallendar, DE), Martin Hud (ZEW, DE & Maastricht University, NL) and Christian Rammer (ZEW, DE) <i>Discussant: Reinhilde Veugelers (KU Leuven and Bruegel, Brussels, BE)</i></p>	
15:15 – 15:45 Coffee Break			

*Presenting authors in bold

15:45 – 16:45	PARALLEL SESSIONS III		Monday, June 3, 2013
Room Brussels	Room 1	Room 2	
<p>Session III A: Venture-backed Companies and Patents Chair: Martin Watzinger (University of Munich, DE)</p>	<p>Session III B: Innovation and Standard Setting Chair: Federico Caviggioli (Politecnico di Torino, IT)</p>	<p>Session III C: Innovation and Human Capital Chair: Jochen Streb (University of Mannheim, DE)</p>	
<p>The Private Value of Patents for Entrepreneurial Ventures: Evidence from Medical Devices, Semiconductors, and Software Arvids A. Ziedonis (Lundquist College of Business, University of Oregon, US) and Rosemarie H. Ziedonis (Lundquist College of Business, University of Oregon, US) <i>Discussant: Enrico Santarelli (University of Bologna, IT)</i></p> <p>Measuring Spillovers of Venture Capital Monika Schnitzer (University of Munich, DE) and Martin Watzinger (University of Munich, DE) <i>Discussant: Claire Economidou (University of Pireaus, GR)</i></p>	<p>Just-in-time Inventions and the Development of Standards: How Firms Use Opportunistic Strategies to Obtain Standard-Essential Patents (SEPs) Rudi Bekkers (Eindhoven University of Technology & Dialogic Innovation and Interaction, NL) and Byeongwoo Kang (University of Tokyo, JP) <i>Discussant: Franz Schwiebacher (ZEW, DE and KU Leuven, BE)</i></p> <p>Patenting Strategies and Standard Setting Processes in the Telecommunication Industry. Evidence from the LTE Standard Federico Caviggioli (Politecnico di Torino, IT), Antonio De Marco (Politecnico di Torino, IT), Francesco Rogo (Finmeccanica, IT), Giuseppe Scellato (Politecnico di Torino, IT) and Daniele Terzuolo (Politecnico di Torino, IT) <i>Discussant: Stefan Wagner (ESMT European School of Management and Technology, DE)</i></p>	<p>How Does R&D Worker Recruitment Affect Technological Exploration? A Longitudinal Study of Danish R&D Active Firms Arjan Markus (Copenhagen Business School, DK) and Hans Christian Kongsted (Copenhagen Business School, DK) <i>Discussant: Dirk Czarnitzki (KU Leuven, Centre for R&D Monitoring (ECOOM), BE & ZEW, DE)</i></p> <p>The Impact on Innovation of Skills, Age and Migration. A Study on France, Germany and UK Claudio Fassio (University of Turin & BRICK, IT), Fabio Montobbio (University of Turin, BRICK & Kites, Bocconi University, IT) and Alessandra Venturini (MCP, University of Turin, IT) <i>Discussant: Jochen Streb (University of Mannheim, DE)</i></p>	
<p>16:45 – 17:00 Coffee Break</p>			

*Presenting authors in bold

8:45 – 10:15	PARALLEL SESSIONS IV		Tuesday, June 4, 2013
Room Brussels	Room 1	Room 2	
<p>Session IV A: Patent Examination and Patent Quality I Chair: Béatrice Dumont (University Paris XIII-CEPN-CNRS & College of Europe, FR)</p>	<p>Session IV B: Innovation and Intangibles Chair: Jonathan Haskel (Imperial College Business School, CEPR, UK & IZA, DE)</p>	<p>Session IV C: Public Policy and Innovation Chair: Lisa Evers (ZEW & University of Mannheim, DE)</p>	
<p>Application Information versus Patent Office Response: Which Matters Most in Patent Licensing? Kyriakos Drivas (University of Piraeus, GR), Zhen Lei (Pennsylvania State University, US) and Brian D. Wright (University of California, Berkeley, US) <i>Discussant: Gaétan de Rassenfosse (University of Melbourne & IPRIA, AUS)</i></p> <p>Deferred Patent Examination Ilja Rudyk (INNO-tec, University of Munich, DE) <i>Discussant: Can Huang (UNU-MERIT & Maastricht University, NL)</i></p> <p>Valuing Patents Using Renewal Data : An Inquiry Into the Feasibility of an Automated Patent Scoring Method Marc Baudry (University Paris X-Economix-CNRS, FR) and Béatrice Dumont (University Paris XIII-CEPN-CNRS & College of Europe, FR) <i>Discussant: Federico Caviggioli (Politecnico di Torino, IT)</i></p>	<p>Allocation of Human Capital and Innovation at the Frontier: Firm-level Evidence on Germany and the Netherlands Eric Bartelsman (VU University Amsterdam, Tinbergen Institute, NL & IZA, DE), Sabien Dobbelaere (VU University Amsterdam, Tinbergen Institute, NL & IZA, DE) and Bettina Peters (ZEW, MaCCI, DE & University of Zurich, CH) <i>Discussant: Maksim Belitski (University of Bolzano, IT & Anglia Ruskin University, UK)</i></p> <p>Training and R&D Spillovers: UK Innovative Firms Study David B. Audretsch (Institute for Development Strategies, Indiana University, US), Maksim Belitski (University of Bolzano, IT & Anglia Ruskin University, UK), Gareth Griffiths (Department for Business, Innovation and Skills, UK) and Claudio Piga (Loughborough University, UK) <i>Discussant: Jonathan Haskel (Imperial College Business School, CEPR, UK & IZA, DE)</i></p> <p>Spillovers from R&D and Other Intangible Investment: Evidence from UK Industries Peter Goodridge (Imperial College Business School, UK), Jonathan Haskel (Imperial College Business School, CEPR, UK & IZA, DE) and Gavin Wallis (University College London, UK) <i>Discussant: Ulrich Kaiser (University of Zurich, CH & ZEW, DE)</i></p>	<p>Financial Constraints: Do They Matter to R&D Subsidy Attribution? Filipe Silva (University of Coimbra, PT) and Carlos Carreira (University of Coimbra, PT) <i>Discussant: Paul Hünermund (ZEW, DE)</i></p> <p>Direct and Cross-Scheme Effects in the Flemish R and D Subsidy Program Hanna Hottenrott (KU Leuven, BE & ZEW, DE), Cindy Lopes-Bento (KU Leuven, BE, CEPS/INSTEAD, LU & ZEW, DE) and Reinhilde Veugelers (KU Leuven & Bruegel, BE) <i>Discussant: Carlos Carreira (University of Coimbra, PT)</i></p> <p>Intellectual Property Box Regimes and the Changing Nature of Taxation of Mobile Income Lisa Evers (ZEW & University of Mannheim, DE), Helen Miller (Institute for Fiscal Studies, UK) and Christoph Spengel (ZEW & University of Mannheim, DE) <i>Discussant: Hans Christian Kongsted (Copenhagen Business School, DK)</i></p>	
10:15 – 10:45 Coffee Break			

*Presenting authors in bold

10:45 – 12:15	PARALLEL SESSIONS V		Tuesday, June 4, 2013
Room Brussels	Room 1	Room 2	
<p>Session V A: Patent Examination and Patent Quality II Chair: Paula Schliessler (ZEW, DE & KU Leuven, BE)</p>	<p>Session V B: Open Innovation and Innovation Trading Chair: Gaétan de Rassenfosse (University of Melbourne & IPRIA, AUS),</p>	<p>Session V C: Quality of Innovations Chair: Diana Heger (ZEW, DE)</p>	
<p>Patent Quality and the “Public Notice” Function of Patent Rights Jing-Yuan Chiou (IMT Lucca, IT) <i>Discussant: Reiko Aoki (Hitotsubashi University, JP)</i></p> <p>Conflict Resolution, Public Goods and Patent Thickets Dietmar Harhoff (Max Planck Institute for Intellectual Property and Competition Law & LMU, Munich, DE), Georg von Graevenitz (University of East Anglia, UK) and Stefan Wagner (ESMT European School of Management and Technology, DE) <i>Discussant: Fabio Montobbio (University of Turin, BRICK & Kites, Bocconi University, IT)</i></p> <p>TBA Junbyoung Oh (Inha University, KR) <i>Discussant: TBA</i></p>	<p>Is Closeness Important for Trading Ideas? Kyriakos Drivas (University of Pireaus, GR), Claire Economidou (University of Pireaus, GR) and Sotiris Karkalakos (University of Pireaus, GR) <i>Discussant: Ajay Bhaskarabhatla (Erasmus School of Economics, NL)</i></p> <p>Do Patents Shield Disclosure or Assure Exclusivity When Transacting Technology? Gaétan de Rassenfosse (University of Melbourne & IPRIA, AUS), Alfons Palangkaraya (University of Melbourne & IPRIA, AUS) and Elizabeth Webster (University of Melbourne & IPRIA, AUS) <i>Discussant: Valerio Sterzi (Université Bordeaux IV & GREThA - CNRS, FR)</i></p> <p>Rivalry and the Rules of the Game in Collective Problem-Solving: Learning More About Open Innovation Processes from Research on the Microeconomics of Computer Coding Competitions Paul A. David (Stanford University, US & UNU-Merit, NL), Matthijs L. den Besten (Groupe Sup de Co Montpellier Business School, FR) and Andrea Pozzi (Einaudi Institute for Economics and Finance, Rome, IT) <i>Discussant: Paul Stoneman (University of Warwick, UK)</i></p>	<p>Multiproduct Multinationals and the Quality of Innovation Sasan Bakhtiari (University of New South Wales, AUS), Antonio Minniti (University of Bologna, IT) and Alireza Naghavi (University of Bologna, IT) <i>Discussant: Andreas Panagopoulos (University of Crete, GR)</i></p> <p>New and Improved? Eric Schmidbauer (Indiana University, US) <i>Discussant: Antonio Minniti (University of Bologna, IT)</i></p> <p>The Research Use Exemption from Patent Infringement and the Propensity to Patent Diana Heger (ZEW, DE) and Alexandra K. Zaby (University of Tuebingen, DE) <i>Discussant: Ilja Rudyk (INNO-tec, University of Munich, DE)</i></p>	
12:15 – 13:15 Lunch			

*Presenting authors in bold

14:15 – 15:15	PARALLEL SESSIONS VI		Tuesday, June 4, 2013
Room Brussels	Room 1	Room 2	
<p>Session VI A: Inventor Behaviour Chair: Giuliana Battisti (University of Warwick, UK)</p>	<p>Session VI B: Innovation in Young Firms Chair: Roger Svensson (IFN, SE)</p>	<p>Session VI C: Green Innovation Chair: Marit Elisabeth Klemetsen (University of Oslo/CREE, NO)</p>	
<p>The Impact of Network Structure and Network Behavior on Inventor Productivity Dietmar Harhoff (Max Planck Institute for Intellectual Property and Competition Law & LMU, Munich, DE), Maria C. Heibel (INNO-tec, University of Munich, DE) and Karin Hoisl (INNO-tec, University of Munich, DE) <i>Discussant: Giuliana Battisti (University of Warwick, UK)</i></p> <p>Do Inventors Value Secrecy in Patenting? Evidence from the American Inventor's Protection Act of 1999 Stuart Graham (USPTO & Georgia Institute of Technology, US) and Deepak Hegde (New York University & USPTO, US) <i>Discussant: Kyriakos Drivas (University of Pireaus, GR)</i></p>	<p>Startup Licensing in the Shadow of R&D Competition Andreas Panagopoulos (University of Crete, GR) and In-Uck Park (University of Bristol, UK) <i>Discussant: Jing-Yuan Chiou (IMT Lucca, IT)</i></p> <p>Creative Destruction and Productive Preemption Pehr-Johan Norbäck (IFN, SE), Lars Persson (IFN, SE & CEPR, UK) and Roger Svensson (IFN, SE) <i>Discussant: Eric Schmidbauer (Indiana University, US)</i></p>	<p>The Impact of Energy Prices on Green Innovation Marius Ley (ETH Zurich & KOF Swiss Economic Institute, CH), Tobias Stucki (ETH Zurich & KOF Swiss Economic Institute, CH) and Martin Woerter (ETH Zurich & KOF Swiss Economic Institute, CH) <i>Discussant: Van Anh Vuong (University of Cologne & EWI, Cologne, DE)</i></p> <p>Can environmental technology- and performance standards cause innovation? A firm level analysis on environmental patenting Marit Elisabeth Klemetsen (University of Oslo/CREE, NO), Brita Bye (Statistics Norway, NO) and Arvid Raknerud (Statistics Norway, NO) <i>Discussant: Vivek Ghosal (Georgia Institute of Technology, US, European Business School, Wiesbaden & CESifo Munich, DE)</i></p>	
15:15 – 15:30 Coffee Break			

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