



DRUID

Final program for the

DRUID Society Summer Conference 2009 on

INNOVATION, STRATEGY and KNOWLEDGE

June 17-19, 2009

at Copenhagen Business School (CBS), Solbjerg Plads 3, Copenhagen, DENMARK

Conference **website**: <http://www.druid.dk/summer2009>

Papers in the program are available online at the conference website where also **DRUID Award Nominees** and their work are presented.

Main publishers will display their latest books and journals during the conference and sign up promising authors for mutually beneficial cooperation.

Check the program carefully on arrival - last minute program changes may occur.

Basic format of all paper sessions (plenary as well as parallel)

Each session normally includes three papers and lasts about one and a half hours. The standard time schedule looks like this:


- . First paper presentation by the author = 15 minutes
- . Second paper presentation by the author = 15 minutes
- . Third paper presentation by the author = 15 minutes
- . First discussant of all three papers = 12 minutes
- . Second discussant of all three papers = 12 minutes
- . General discussion and replies from the authors = approximately 20 minutes.

Projectors (beamers) and PCs will be available for PowerPoint presentations. Please bring your presentation on a USB memory device.

Wednesday, June 17, 2009							
Wednesday 17, 09.00-0930	Welcome and Opening Statement by Peter Maskell						
Wednesday 17, 09.30-10.30	State of the Union Address by Anita McGahan						
Wednesday 17, 10.30	Coffee break - the registration desk is still open						
Wednesday 17, 11.00-12.30	<p>Industry Dynamics and Resource Advantage <i>Chair: Nils Stieglitz</i></p> <ul style="list-style-type: none"> • Michael Lenox: "Interdependencies, Competitive Dynamics, and Firm Choice of Innovation Policy" (Co-authored with Scott Rockart) • Daniel Snow: "Demand Heterogeneity and Graceful Technology Retreats: a New Perspective on Responding to Dominant Technological Threats" (Co-authored with Ron Adner) • Sidney Winter: "The Role of Scale Adjustment in Industry Dynamics" (Co-authored with Thorbjørn Knudsen and Daniel Levinthal) <p>Discussants: <i>Michael Jacobides and Luigi Marengo</i></p>						
Wednesday 17, 12.30	Buffet Lunch at CBS Solbjerg Plads						
Wednesday 17, 13.30-15.00	<p>DRUID Debate on Prediction. <i>Moderator: David Gann</i></p> <p>Motion: <i>Let it be resolved that this conference believes that the notion of prediction has high value as a criterion for research in social sciences.</i></p> <p>Speaking for the motion: Will Mitchell and Anne Marie Knott Speaking against the motion: Geoffrey M. Hodgson and Paul Nightingale</p>						
Wednesday 17, 15.00	Coffee break – with Poster Session I						
Wednesday 17, 15.30-17.00	<p>University Strategies and the Knowledge Economy (Session co-organized with DIME) <i>Chair: Maureen McKelvey</i></p> <ul style="list-style-type: none"> • Alan Hughes: "Universities and the Commercialisation of Science: Retrospect and Prospect" • Lan Xue: "Integration into the Global Innovation System: the Roles of Universities in China" • Markus Perkmann: "Why do academics engage with industry? the entrepreneurial university and individual motivations" (Co-authored with Pablo D'Este) <p>Discussants: <i>Patrick Llerena and Thomas Åstebro</i></p>						
Wednesday 17, 17.00	Coffee break - with Poster Session II						
Wednesday 17, 17.30-19.00	Parallel Sessions 1-11	Parallel	Sessions	Parallel	Sessions	Parallel	Sessions
Wednesday 17, 20.00-22.30	Dinner at CBS Porcelæns Haven, Ovnhallen (walk through <i>Frederiksberg Have</i>)						



Thursday, June 18, 2009					
Thursday 18, 09.00-10.30	<p>Appropriability Chair: Lee Davis</p> <ul style="list-style-type: none"> • Russell Coff: "The Co-evolution of Rent Appropriation and Capability Development" • Andrea Fosfuri: "Managing Licensing in the Market for Technology" (Co-authored with Ashish Arora and Thomas Rønde) • Michael Ryall: "The Two Sides of Competition and their Effect on the Economic Performance of Organizations" <p>Discussants: <i>Keld Laursen and Karin Hoisl</i></p>				
Thursday 18, 10.30	Announcement by the new CBS President Johan Roos (taking office on August 1, 2009)				
Thursday 18, 10.35	Coffee break - with Poster Session III				
Thursday 18, 11.00-12.30	<p>Strategy and Competition Chair: Bent Dalum</p> <ul style="list-style-type: none"> • Ludovic Dibiaggio: "Technological Platforms, Business Diversification and Economic Performance" (Co-authored with Maryam Nasiriyar and Lionel Nesta) • Massimo G. Colombo: "The Managerial Professionalization of High-Tech Entrepreneurial Ventures: The Determinants of the Creation of a Middle-Management Layer." (Co-authored with Luca Grilli) • Tobias Kretschmer: "Product Line Extension in Hypercompetitive Environments - Evidence From the US Video Game Industry" (Co-authored with Thorsten Grohsjean) <p>Discussants: <i>Tammy Madsen and Sidney Winter</i></p>				
Thursday 18, 12.30-13.30	Buffet lunch at CBS Solbjerg Plads				
Thursday 18, 13.30-15.00	Parallel sessions 12-21	Parallel	Sessions	Parallel	Sessions
Thursday 18, 15.00	Coffee break - with Poster Session IV				
Thursday 18, 15.30-17.00	Parallel sessions 22-32 + Dissertation Award Session	Parallel	Sessions	Parallel	Sessions
Thursday 18, 17.00-18.30	Excursion (included in conference fee) – On-line registration needed (use the link provided in the 'next week' mail from the organizers. All destinations/tours have limitations on number of participants. First come, first served.				
Thursday 18, 19.00-20.00	Key note: Jan Fagerberg: "The Future of Innovation Studies" Chair: <i>Christian Østergaard</i>				
Thursday 18, 20.30-23.00	Conference dinner at Moltke's Palace (see www.moltkes.com/page397.aspx). Dress Code: Nice, informal.				

Friday, June 19, 2009								
Friday 19, 09.00-10.30	Parallel sessions 33-43	Parallel	Sessions	Parallel	Sessions	Parallel	Sessions	Parallel
Friday 19, 10.30-11.00	Coffee break							
Friday 19, 11.00-12.30	Parallel sessions 44-54	Parallel	Sessions	Parallel	Sessions	Parallel	Sessions	Parallel
Friday 19, 12.30-13.15	Buffet lunch at CBS Solbjerg Plads							
Friday 19, 13.15-14.45	<p>DRUID Debate on Evolutionary Processes Moderator: Mark Dodgson (Invited) Motion: <i>Let it be resolved that this conference believes that empirical evidence on industrial dynamics favors organizational ecology</i> Speaking for the motion: Laszlo Polos and Stanislav D. Dobrev Speaking against the motion: Giovanni Dosi and Bart Verspagen</p>							
Friday 19, 14.45	Coffee break - with Poster Session V							
Friday 19, 15.15-16.45	<p>Eco-innovation (Session co-organized with DIME) Chair: Jesper L. Christensen</p> <ul style="list-style-type: none"> • René Kemp: "From End-of-Pipe to System Innovation. the Implications for Policy" • Tim Foxon: "Climate Change Mitigation Policies: Transforming Innovation Systems for Eco-innovation" (Co-authored with Maj Munch Andersen) • Philip N. Cooke: "Transition Regions: Green Innovation and Economic Development" Discussants: <i>Keith Smith and Peter G. Klein</i>							
Friday 19, 16.45-17.00	Closing of the conference. Looking ahead							

PARALLEL PAPER SESSIONS

All sessions take place at SP = Solbjerg Plads (same building as the conference registration desk)

Room key: The first character in the room number indicates level: s = ground floor, 1 = first floor, 2 = second floor.

Projectors (beamers) and PCs will be available for PowerPoint presentations in all rooms. Please bring your presentation on a USB memory device.

Wednesday, June 17, 2009

1 Industry Life-Cycles

17:30 -19:00 Room: SP s12 Chair: Thorbjørn Knudsen 12

- **Claudio Wolter, Michael Jacobides, Francisco Veloso** "Scope, Boundary Choices and Profit Evolution Over the Industry Life-cycle"
- **Christina Guenther** "Towards Automated Manufacturing - Creation, Fusion and Destruction of Submarkets in the German Machine Tool Market"
- **Masatoshi Kato** "Firm Survival and the Evolution of Market Structure in the Japanese Motorcycle Industry"
Discussants: Michael Lenox, J.P. Eggers

2 Industrial Dynamics

17:30 -19:00 Room: SP s14 Chair: Finn Valentin 55

- **Isabel Maria Bodas Freitas** "The Diffusion of ISO 9000 and ISO 14001 Certification, Cross Sectoral Evidence From Eight OECD Countries"
- **Elif Bascavusoglu-moreau, Suma Athreye** "Distance and Direction of Disembodied Technology Trade"
- **Ayfer H. Ali** "Translating Inventions Into Products: Inventors' Educational Background and Speed of Licensing"
Discussants: Spyros Arvanitis, Masaru Yarime

3 Coordination of Innovation

17:30 -19:00 Room: SP 213 Chair: Geoffrey M. Hodgson 10

- **Alan O'sullivan** "Design-domain Innovation and Alignment as the Basis for Vertical (dis)integration for Product Development"

- **Philipp Tuertscher, Raghu Garud, Markus Nordberg** the Emergence of Architecture in Modular Systems: Coordination Across Boundaries at Atlas, Cern"
- **Markus Becker, Francesco Rullani, Francesco Zirpoli** "Coordinating Distributed Innovation Processes: the Case of the Automotive and Open Source Software Industries"
Discussants: Russell Coff, Kannan Srikanth

4 Theory of the Firm

17:30 -19:00 Room: SP s07 Chair: Tyler Chamberlin 20

- **Virgile Chassagnon** "The Theory of the Firm Revisited From a Power Perspective" Nominated for the DRUID Best Young Scholar Paper Award 2009
- **Brian John Loasby** "Evolutionary Concepts Within and Beyond Economics: What 'principles of Continuity'?"
- **Carl Henning Reschke** "Strategy, Information Organization and Knowledge Evolution. Perspectives on Strategy and Innovation From Social and Natural Sciences"
Discussants: Bo Carlsson, Alexander Peine

5 Empirics of the Firm

17:30 -19:00 Room: SP s08 Chair: Oliver T Alexy 19

- **José Lejarraga, Ester Martinez-Ros** "Revisiting the Size-R&D Productivity Relation"
- **Evan Rawley** "Information, Knowledge and Asset Ownership in Taxicab Fleets"
- **Yen Tran** "Timing of Knowledge Flow: How Does HQ Responsiveness Influence Subsidiary Performance"
Discussants: Massimo G. Colombo, Arianna Martinelli

6 Multi-National Enterprises

17:30 -19:00 Room: SP s03 Chair: Bart Verspagen 17

- **Vivien Procher, Dirk Engel, Christoph M. Schmidt** "Foreign Market Dynamics and the Symmetric Role of Firm-specific Characteristics - Evidence for French Firms" Nominated for the DRUID Best Paper Award 2009
- **Stephan D. Manning, Marja Roza, Arie Y. Lewin, Henk W. Volberda** "Why Distance Matters: the Dynamics of Offshore Location Choices"
- **John Cantwell, Ranfeng Qiu** "General Purpose Technology (GPT), Firm Technological Diversification and the Restructure of MNC International Innovation Networks"
Discussants: Keld Laursen, Grazia D. Santangelo

7 Innovation and Financial Structures

17:30 -19:00 Room: SP 113 Chair: Ludovic Dibiaggio 5

- **David Charles Lingelbach, Evan Gilbert** "Toward a Process Model of Venture Capital Emergence: the Case of Botswana"

- **Massimo Molinari, Giorgio Fagiolo, Silvia Giannangeli** "Financial Structure and Corporate Growth, Evidence From Italian Panel Data"
- **Justin Doran, Eoin O Leary, Declan Jordan** "The Effects of Geography on Innovation by Small and Medium Sized Enterprises in Ireland"
Discussants: Ammon Salter, Benjamin Engelstätter

8 New Perspectives on Entrepreneurship

17:30 -19:00 Room: SP 114 Chair: April Franco 1

- **Anita McGahan, Peter Klein, Joseph Mahoney, Christos Pitelis** "The Economic Organization of Public Entrepreneurship"
- **Riccardo Fini, Rosa Grimaldi, Gian Luca Marzocchi, Maurizio Sobrero** "The Foundation of Entrepreneurial Intention"
- **Sampsa Samila, Olav Sorenson** "Non-Compete Covenants: Incentives to Innovate or Impediments to Growth"
Discussants: Serden Özcan, Atsushi Ohyama

9 Innovation and Institutional Change

17:30 -19:00 Room: SP 207 Chair: Andreas Mattig 34

- **Andrew Davies, Mark Dodgson, David Gann** "From Iconic Design to Lost Luggage: Innovation at Heathrow Terminal 5"
- **María Del Carmen Sánchez Carreira, Xavier Vence Deza** "Effects of Privatization on Innovation: Evidence of the Spanish Case"
Discussants: Rolf G. Sternberg, Erik Stam

10 Industry-University Collaborations

17:30 -19:00 Room: SP 208 Chair: Bent Dalum 47

- **Markus Perkmann, Kathryn Walsh** "The Two Faces of Collaboration: Impacts of University-Industry Relations on Public Research"
- **Michael Roach** "When Do Firms Use Public Research? The Determinants of Knowledge Flows from Universities and Government Labs to Industrial R&D"
- **Albert Banal-Estanol, Mireia Jofre-Bonet, Cornelia Meissner** "The Determinants and Implications of University-Industry-Collaborations. A Twenty Year Longitudinal Study of the UK"
Discussants: Antonio Messeni Petruzzelli, Annamaria Conti

11 Intellectual Property Rights

17:30 -19:00 *Room: SP 112 Chair: Tim Kastelle 30*

- **Kenneth G. Huang** "Knowledge Production in Innovative Firms under Uncertain Intellectual Property Conditions"
- **Patrick F.E. Beschoner** "Do Shorter Product Cycles Induce Patent Thickets?"
- **Silvia Appelt** "Early Entry and Trademark Protection - An Empirical Examination of Barriers to Generic Entry"
Discussants: Rudi Bekkers, Toke Reichstein

Thursday, June 18, 2009

12 Markets for Technologies

13:30 -15:00 Room: SP s07 Chair: Francesco Rullani 11

- **Anand Nandkumar, Ashish Arora** "Securing their Future? Markets for Technology and Survival in the Information Security Industry"
- **Cees Van Beers, Ronald Dekker** "Acquisitions, Divestitures and Innovation Performance in the Netherlands"
- **Maria Isabella Leone, Paolo Boccadelli, Mats Magnusson, Toke Reichstein** "Fuel on the Invention Funnel: Technology Licensing-In, Antecedents and Invention Performance"

Discussants: Andrea Fosfuri, Victor Dos Santos Paulino

13 Innovation and Firm Performance

13:30 -15:00 Room: SP s14 Chair: Philipp Tuertscher 4

- **Eleonora Bartoloni** "Profitability and Innovation: New Empirical Findings Based on Italian Data 1996-2003"
- **Rene Belderbos, Vincent Van Roy, Florence Duvivier** "International and Domestic Technology Transfers and Productivity Growth: Firm Level Evidence"
- **Pedro Faria, Francisco Lima** "Firm Decision on Innovation Types: Evidence on Product, Process and Organizational Innovation"

Discussants: Anne Marie Knott, Evan Rawley

14 Experimentation, Decision-Making and Organization

13:30 -15:00 Room: SP s12 Chair: Martha Judith Prevezer 6

- **Ronald Klingebiel** "Strategic Decision-Making in Response to Emerging Uncertainties"
- **Thomas Astebro, Jose Mata, Luis Santos-Pinto** "Preference for Skew in Gambling, Lotteries and Entrepreneurship"
- **Kannan Srikanth, Stephan Billinger, Thorbjørn Knudsen** "How Does Time Pressure Impact Organizational Search"

Discussants: Daniel Snow, Oliver Baumann

15 Industry Architectures

13:30 -15:00 Room: SP s08 Chair: Markus Becker 8

- **Richard Tee, Annabelle Gawer** "How Does Industry Architecture Affect Platform Deployment? a Case Study of the I-Mode Mobile Internet Service"
- **Michael G Jacobides, C Jennifer Tae** "Who Becomes the Winner in an Industry? How Dynamics Within a Segment Shape the Segment's Position in the Industry Architecture"
- **Bernhard Lobmayr** "Markets, Innovation and Competition – Industrial Dynamics in High-Risk Medical Devices"
Discussants: Michael Lenox, Sebastian Spaeth

16 Networks and Innovation

13:30 -15:00 Room: SP s03 Chair: Karina Skovang Christensen 23

- **Michiel Pieters, John Hagedoorn, Wim Vanhaverbeke, Vareska Van De Vrande** "The Impact of Network Position Within the Clique"
- **Ammon Salter, Paola Criscuolo, Linus Dahlander** "Outside in Inside Out: the Impact of Knowledge Heterogeneity, Intra- and Extra Organizational Ties"
- **Meera Sarma, Jean-Paul Lamberfont-Ford, Ed Clark** "Virtual Innovation Within a Hacker Community an Empirical Study of Open Source Software Development"
Discussants: Ludovic Dibiaggio, Larissa Rabbiosi

17 Managing Projects and Collaborations

13:30 -15:00 Room: SP 113 Chair: Peter Lotz 22

- **Rosileia Das Mercedes Milagres** "The Social Context and Learning Process in Networks: Evidences About the Genolyptus Network"
- **Andreas Hartmann, Andrew Davies, Lars Frederiksen** "Trajectories of Project Capability Building"
- **Despoina Filiou, Silvia Massini** "Cooperation And Innovation: The Role Of Alliance Capability Creation"
Discussants: Marie Louise Mors, Paul Nightingale

18 Institutions and Learning

13:30 -15:00 Room: SP 114 Chair: Birgitte Gregersen 35

- **Heiko Stüber, Udo Brixy, Rolf Sternberg** "The Selectiveness of the Entrepreneurial Process"
- **Aimilia Protogerou, Yannis Caloghirou, Evangelos Siokas** "Policy-Driven EU Research Networks: Impact on the Greek S&T System"
- **Serghei Floricel, John Michela, Mark George** "Resource Feedbacks for Continuous Innovation: the Articulation of Firm, University, and Government Roles"
Discussants: Nigel Stuart Wadeson, Andreas Mattig

19 Employee Mobility and Entrepreneurship

13:30 -15:00 Room: SP 207 Chair: Gordon Walker 36

- **Liliana Herrera, Maria Felisa Muñoz Doyague, Mariano Nieto** "The Mobility of Public Researchers, Scientific Knowledge Transfer and the Firm's Innovation Process"
- **Federica Angeli, Rosa Grimaldi, Alessandro Grandi** "Directions and Paths of Knowledge Flows Through Personnel Mobility: a Social Capital Perspective"
- **Benjamin Campbell, Martin Ganco, April Franco, Rajshree Agarwal** "Who Leaves, to Go Where, and Does It Matter?: Employee Mobility, Employee Entrepreneurship and the Effects on Parent Firm Performance"

Discussants: Gordon Walker, Bram Timmermans

20 Internationalization and Investments

13:30 -15:00 Room: SP 208 Chair: Jeffrey Funk 41

- **Grazia D. Santangelo** "The Tension Between Competition and Strategy: Effects on Subsidiary Embeddedness"
- **Federico Munari, Laura Toschi** "Are Academic Spinoffs Able to Attract VC Financing? Evidence from the Micro and Nanotechnology Sector in the United Kingdom"
- **Francesca Masciarelli, Keld Laursen, Andrea Prencipe** "Trapped by Over-Embeddedness: the Effects of Regional Social Capital on Internationalization"

Discussants: John Cantwell, Masatoshi Kato

21 Economic Development and Innovation Systems

13:30 -15:00 Room: SP 213 Chair: Cristina Rossi Lamastra 42

- **Tim Kastelle, Jason Potts, Mark Dodgson** "The Evolution of Innovation Systems"
- **Paulo N Figueiredo** "Industrial Policy, Innovation Capability Accumulation and Discontinuities" **Nominated for the DRUID Best Paper Award 2009**
- **Bo Carlsson** "New Knowledge: the Driving Force of Innovation, Entrepreneurship, and Economic Development"

Discussants: Brian John Loasby, Oliver T Alexy

22 Public and Private Research

15:30 -17:00 Room: SP 114 Chair: Xavier Vence Deza 50

- **Anders Broström, Maureen McKelvey** "How Do Organisational and Cognitive Distances Shape Firms' Interaction with Universities and Public Research Institutes?"
- **Sandra Klikaite** "How Symbiotic Industry-University Collaboration Contributes to the Knowledge Economy"
- **Daniel Ljungberg** "On the Relative Importance of Firms' Academic Patents: a Proposed Method for Studying Academic Patenting"

Discussants: Finn Valentin, Justin Andrew Doran

23 Corporate Strategy under Uncertainty

15:30 -17:00 Room: SP s14 Chair: Carolin Haeussler 13

- **J.P. Eggers** "First-Movers and Technological Uncertainty: Commitment Timing and the Benefits of Making Mistakes"
- **Michael Christensen, Thorbjørn Knudsen, Nils Stieglitz** "Resource Learning and the Dynamics of Strategic Factor Markets"
- **David J. Bryce** "The Effects of Uncertainty on the Performance of Diversification Strategies"

Discussants: Will Mitchell, Giovanni Dosi

24 Information and Communication Technologies

15:30 -17:00 Room: SP s12 Chair: Stephan Billinger 18

- **Ferdinand Mahr, Tobias Kretschmer** "Performance Effects of Aligning Information Technology with Organization and Product Market Strategy"
- **Benjamin Engelstätter** "Enterprise Systems and Labor Productivity: Disentangling Combination Effects"
- **Francesco Vona, Davide Consoli** "Innovation, Earnings and Human Capital: Towards a Dynamic Life-Cycle Approach"

Discussants: Ronald Klingebiel, Anand Nandkumar

25 Collective Learning and Strategic Alliances

15:30 -17:00 Room: SP s08 Chair: Majella Giblin 25

- **Anne L.J. Ter Wal** "The Dynamics of the Inventor Network in German Biotechnology: Geographical Proximity Versus Triadic Closure"
- **Elad Harison, Heli Koski** "Organizing High-Tech R&D – Secrets of Successful Innovation Alliances"
- **Alexander Peine** "Ludwik Fleck's Model of Collective Learning and Innovation - Theoretical Insights From an Early Student of Knowledge Production"

Discussants: Mark Freel, Ronald Dekker

26 User-Producer Interactions

15:30 -17:00 Room: SP s07 Chair: Ellen H.M. Moors 26

- **Marion Kristin Poetz, Martin Schreier** "The Value of Crowdsourcing: Can Users Really Compete with Professionals in Generating New Product Ideas?"
- **Gloria Sanchez Gonzalez, Liliana Herrera** "Effects of User's Cooperation and Location on Innovation Activity of Firms: an Input-Output Approach"
- **Ellen H.M. Moors, Roel Nahuis** "User Producer Interaction in Context. From Integration to Configuration in Therapeutic Antibody Development"

Discussants: Martha Judith Prevezer, Lars-Bo Jeppesen

27 Antecedents and Effects of IPR

15:30 -17:00 Room: SP s03 Chair: Giancarlo Lauto 31

- **Rudi Bekkers, René Bongard, Alessandro Nuvolari** "Essential Patents in Industry Standards: the Case of Umts"
- **Lee N Davis** "Leveraging Trademarks to Capture Innovation Returns"
- **Harhoff Dietmar, Hoisl Karin, Bruno Van Pottelsberghe** "Languages, Fees and the International Scope of Patenting"

Discussants: David Charles Lingelbach, Marco Valente

28 Innovation and Appropriability

15:30 -17:00 Room: SP 112 Chair: Heidi Wiig Aslesen 51

- **Yuan-Chieh Chang** "Managing Academic Entrepreneurship: : Towards an Organizational Ambidexterity Perspective"
- **Victor Dos Santos Paulino, Michel Callois** "Innovation and Reliability Strategies in the Military, Space and Semiconductor Industries: a Comparative Analysis"
- **Peter Lotz, Francesco Lissoni, Jens Schovsbo, Adele Treccani** "Academic Patenting and the Professor's Privilege"

Discussants: Michael Roach, Kenneth G. Huang

29 Managing Universities

15:30 -17:00 Room: SP 113 Chair: Spyros Arvanitis 52

- **Linda Ana Carine Van Bouwel** "Does University Quality Drive International Student Flows?"
- **Chiara Franzoni** "Changing Incentives to Publish and the Consequences for Submission Patterns"
- **Lars Alkærsig** "Cognitive Diversity and Research Performance"

Discussants: Lan Xue, Alice Lam

30 Industry-University Linkages

15:30 -17:00 Room: SP 208 Chair: Toke Reichstein 48

- **Annamaria Conti** "Are the United States Outperforming Europe in University Technology Licensing?"
Nominated for the DRUID Best Young Scholar Paper Award 2009
- **Antonio Messeni Petruzzelli** "University-Industry R&D Collaborations: a Joint-Patents Analysis"
- **Alessandro Muscio, Andrea Pozzali** "Why All the Fuss About Cognitive Distance in University-Industry Collaborations? Some Evidence From Italian Universities"

Discussants: Alan Hughes, Markus Perkmann

31 Public Policy in Innovation Systems

15:30 -17:00 Room: SP 213 Chair: Rene Belderbos 44

- **Pere Arque** "How and When Can Subsidies Be Effectively Used to Induce Entry Into R&D? Micro-Dynamic Evidence from Spain"
- **Birgit Aschhoff** "The Effect of R&D Project Subsidies on R&D Revisited – the Role of Firm's Subsidy History and Subsidy Size"
- **Mu-Yen Hsu** "R&D Cooperation Linkages in Taiwan Innovation System"

Discussants: Evan Gilbert, Rene Belderbos

32 Formation and Dynamics of Regional Clusters

15:30 -17:00 Room: SP 207 Chair: Andrew Davies 38

- **Matthias Geissler, Guido Buenstorf** "The Origins of Entrants and the Geography of the German Laser Industry"
- **Erik Stam, Elizabeth Garnsey** "Decline and Renewal of High-Tech Clusters: the Cambridge Case"
- **Andac Arikan** "Inter-Firm Knowledge Exchanges and the Knowledge Creation Capability of Clusters"

Discussants: Bent Dalum, Luciana Lazzeretti

SPECIAL SESSION: DRUID Best Dissertation Award 2008

15.30: -17:00 Room: SP 214 Chair: Christian Østergaard

- **Oliver Alexy**: "Marching with the Penguin? Companies, their Employees and Open Source Software"
- **Karina Skovvang Christensen**: "Intrapreneurship: Exploration and Exploitation of Internal Resources"
- **Oliver Baumann**: "Problem Solving in Complex Systems: Essays on Search, Design and Strategy"

Friday, June 19, 2009

33 Organizational and Industrial Change

09:00 -10:30 Room: SP 208 Chair: Evan Gilbert 54

- **Michael S. Dahl** "The Cancer of Organizational Change"
- **Susan Elizabeth Lynch, Louise Mors** "Reversing the Flow of Influence"
- **Arianna Martinelli** "Market Dynamics and Technological Competences in Oligopolistic Sectors: the Case of Telecom Switches"

Discussants: Stephan Billinger, Mark Jonathan Dodgson

34 Closed Vs Open Innovation Systems

09:00 -10:30 Room: SP s12 Chair: Brice a Dattee 45

- **Martha Judith Prevezer** "Patenting and Open-Source and Effects on Innovation and Research: Comparison of Biotechnology with Software and of Agricultural Biotech with Biomedical Biotech"
- **Ulrich Dewald, Bernhard Truffer** "Markets and Space in Technological Innovation Systems. Diffusion of Photovoltaic Applications in Germany"
- **Cristina Rossi Lamastra** "Firms' Participation in Open Source Projects: Which Impact on Software Quality and Success"

Discussants: Francesco Rullani, Oliver Alexy

35 Regional Clusters: Dynamics and Policy

09:00 -10:30 Room: SP s08 Chair: Bengt-Åke Lundvall 39

- **Sylvain Amisse** "The Logics Underlying Cluster Dynamics and Strategies of Inter-Firm Collaboration"
- **Luciana Lazzeretti, Rafael Boix, Francesco Capone** "Why Do Creative Industries Cluster? An Analysis of the Determinants of Clustering of Creative Industries"
- **Satyasiba Das** "Agglomeration and Innovation: an Exercise on Norway"

Discussants: Andac Arikian, Matthias Geissler

36 Environmental Performance and Policy

09:00 -10:30 Room: SP s07 Chair: Alexander Peine 33

- **Lubomir Lizal, Dietrich Earnhart** "Does Better Environmental Performance Affect Revenues, Costs, or Both? Evidence From a Transition Economy"
- **Linda Manon Kamp, Simona Ottavia Negro, Véronique Vasseur, Marjan Prent** "The Functioning of Photovoltaic Technological Innovation Systems - a Comparison Between Japan and the Netherlands"
Discussants: René Kemp, Giovanni Marin

37 Knowledge Dynamics in Networks

09:00 -10:30 *Room: SP s03 Chair: Ammon Salter 28*

- **Federica Ceci, Dajana D'andrea** "Knowledge Dynamics in Fragmented Industries"
- **Alexandre Trigo De Campos** "Patterns of Networks and Innovation in Spanish Service Firms"
- **Liliana Doganova, Massimo Colombo, Evila Piva, Diego D'Adda, Philippe Mustar** "The Impact of Ambidextrous Alliances on Innovation"
Discussants: Michael Ryall, Markus C. Becker

38 Innovation, Strategy and Knowledge

09:00 -10:30 *Room: SP 112 Chair: Keld Laursen 29*

- **Ying Li, Wim Vanhaverbeke, Vareska Van De Vrande** "Technological Exploration with and Beyond Firms' External Corporate Venturing Partners"
- **Sarah M. G. Otner** "Revising Reputation: Towards a Theory of Credit"
- **Torben Schubert** "Marketing and Organisational Innovations in Entrepreneurial Innovation Processes and their Relation to Market Structure and Firm Characteristics"
Discussants: Bart Verspagen, Aimilia Protogerou

39 Antecedents of Entrepreneurship

09:00 -10:30 *Room: SP 113 Chair: Kenneth G. Huang 2*

- **Pablo D'Este, Surya Mahdi, Andy Neely** "Academic Entrepreneurship: What are the Factors Shaping the Capacity of Academic Researchers to Identify and Exploit Entrepreneurial Opportunities?"
- **Lee N Davis, Jerome D. Davis, Karin Hoisl** "What Inspires Leisure Time Invention?"
- **Jacob Rubæk Holm** "Entrepreneurs and Economic Selection"
Discussants: Riccardo Fini, Yuan-Chieh Chang

40 Academic Entrepreneurship

09:00 -10:30 *Room: SP s14 Chair: Victor Dos Santos Paulino 53*

- **Alice Lam** "From 'Ivory Tower Traditionalists' to 'Entrepreneurial Scientists'? Academic Scientists in Fuzzy University-Industry Boundaries"

- **Daniel Ljungberg, Magnus Holmén** "What Do Academics Do?: An Opportunity Perspective on the University Literature"
- **Finn Valentin, Giancarlo Lauto** "Effects of Complex Goal Setting in Science"
Discussants: Sandra Klikaite, Carolin Haeussler

42 Complex Technologies and Industry Dynamics

09:00 -10:30 Room: SP 114 Chair: Kannan Srikanth 9

- **Georg Von Krogh, Matthias Stuermer, Markus Geipel, Sebastian Spaeth, Stefan Haefliger** "How Component Dependencies Predict Change in Complex Technologies"
- **Jeffrey Funk** "Improvements in Components and Discontinuities in Systems: the Case of Computers"
- **Marco Valente, Luigi Marengo** "Industry Dynamics with Product Innovation: an Evolutionary Model"
Discussants: Raghu Garud, Thorbjørn Knudsen

43 Comparing Innovation Systems

09:00 -10:30 Room: SP 213 Chair: Benjamin Engelstätter 43

- **Spyros Arvanitis, Stephen Roper** "From Knowledge to Added Value: a Comparative, Panel-Data Analysis of the Innovation Value Chain in Irish and Swiss Manufacturing Firms"
- **Michele Mastroeni, Enda Hannon, Catherine Truss, Edel Conway, Patrick Flood, Grainne Kelly, Kathy Monks** "The Importance of Nested Scales to National Systems of Innovation: a Cross-National Comparison of the UK and Ireland"
- **Lori De Pauw** "Institutional Entrepreneurship in Constructing Alternative Paths: a Comparison of Biotech Hybrids"
Nominated for the DRUID Best Young Scholar Paper Award 2009

Discussants: Pedro Faria, Tim Kastelle

44 Dynamic Capabilities

11:00 -12:30 Room: SP 208 Chair: Bo Carlsson 15

- **Samira Reis** "Organizational Experience in the US TV Industry 1950-2002" **Nominated for the DRUID Best Young Scholar Paper Award 2009**
- **Stephan Billinger, Jenny Gibb** "Temporary Competitive Advantage and the Role of Prediction and Control"
- **Anuja Gupta, Sidney Winter** "Dynamic Capabilities of the Firm and Strategic Change"
Discussants: Lourdes Sosa, Jeffrey Funk

45 Development Dynamics

11:00 -12:30 Room: SP s12 Chair: Pedro Faria 46

- **Andrea Morrison, Lorenzo Cassi, Roberta Rabellotti** "Catching Up Countries and the Geography of Science in the Wine Industry"

- **Yanghua Huang** "Exchange Rate Regimes, Financial Development and 'Innovative Destruction': Schumpeterian Development Hypothesis in Open Economy and Evidence"
- **Christian Binz, Bernhard Truffer** "Leapfrogging in Infrastructure - Identifying Transition Trajectories Towards Decentralized Urban Water Management Systems in China"

Discussants: Patrick F.E. Beschorner, Majella Giblin

46 Barriers to Industry-University Collaborations

11:00 -12:30 Room: SP s08 Chair: Ronald Klingebiel 49

- **Valentina Tartari, Stefano Breschi** "Set Them Free: Scientists' Perceptions of Benefits and Cost of University-Industry Research Collaboration"
- **Hsing-Fen Lee, Marcela Miozzo** "The Impact of University-Industry Collaborations on Academic Research Training and Career of PhDs in Science and Engineering: the UK Case"
- **Ammon Salter, Johan Bruneel, Pablo D'Este** "Investigating the Factors That Diminish the Barriers to University-Industry Collaboration"

Discussants: Heidi Wiig Aslesen, Giancarlo Lauto

47 Public Policy and Regional Clusters

11:00 -12:30 Room: SP s07 Chair: Blanca De-Miguel-Molina 40

- **Junichi Nishimura, Hiroyuki Okamuro** "Has the Industrial Cluster Project Improved the R&D Productivity of University-Industry Partnership in Japan?"
- **Dennis Stockinger, Rolf Sternberg, Matthias Kiese** "Cluster Policy in Co-Ordinated Vs. Liberal Market Economies: a Tale of Two High-Tech States"
- **Nobuya Fukugawa** "Determinants in Licensing Activities of Local Public Technology Centers in Japan"

Discussants: Torben Schubert, Satyasiba Das

48 Eco-Innovation

11:00 -12:30 Room: SP s03 Chair: Elif Bascavusoglu-Moreau 32a9

- **Giovanni Marin, Massimiliano Mazzanti** "Emissions Trends and Labour Productivity Dynamics: Sector Analyses of Decoupling/recoupling on a 1990-2005 Namea"
- **Masaru Yarime** "Eco-Innovation through University-Industry Collaboration Network: Co-Evolution of Technology and Institution for the Development of Lead-Free Solders"
- **Jesper Lindgaard Christensen** "Greens Rush in Cleantech Venture Capital Investments - Prospects or Hype?"

Discussants: Birgitte Gregersen, Timothy Foxon

49 Corporate Strategy and Intangible Assets

11:00 -12:30 Room: SP 112 Chair: Nigel Stuart Wadeson 16

- **Grazia D. Santangelo, John Cantwell** "The Restructuring of Dynamic Capabilities Through Corporate Expansion"
- **Tatiana Plotnikova** "Technology, Competition and the Time of Entry: Diversification Patterns in the Development of New Drugs"
- **Rosa Maria Morales** "Market Valuation and Intangibles in the Biopharmaceutical Industry"

Discussants: Aimilia Protogerou, Richard Tee

50 Knowledge Sharing

11:00 -12:30 Room: SP 114 Chair: Marco Valente 7

- **Carolyn Haeussler** "A Comparison of Information-Sharing Between Scientists in Academia and the Industry"
- **Sam Macaulay** "How Do People Find Knowledge in Complex Organizations? A Process Perspective on Problemistic Search"
- **Larissa Rabbiosi, Kristiina Makela, Larissa Rabbiosi** "Organizational Climate and Knowledge Sharing: an Individual-Level Perspective"

Discussants: Evan Rawley, Yen Tran

51 Employee Entrepreneurship and Mobility

11:00 -12:30 Room: SP 207 Chair: April Franco 3

- **Martin Ganco** "The Influence of Technological Interdependence on Employee Entrepreneurship and Mobility: Evidence From the Semiconductor Industry"
- **Atsushi Ohyama, Serguey Braguinsky, Steven Klepper** "Schumpeterian Entrepreneurship"
- **Gordon Walker, Tammy Madsen** "Entrant Growth and the Network of Inter-Firm Mobility"

Discussants: Alessandro Grandi, Liliana Herrera

52 Antecedents of Collaborations

11:00 -12:30 Room: SP 213 Chair: Michele Mastroeni 27

- **Farah Abdallah, Anu Wadhwa** "Collaborating with Your Rivals: Identifying Sources of Cooperative Performance"
- **Mark Freel, Jeroen De Jong, Tyler Chamberlin** "Who Co-Operates for Innovation, and Where? Evidence from the 4th UK Innovation Survey"
- **Ming Hui Chen** "Innovation Intermediaries in Creative and Cultural Industries: the Case of Taiwan"

Discussants: Tyler Chamberlin, Marion Kristin Poetz

53 Knowledge and Labor Dynamics

11:00 -12:30 Room: SP 113 Chair: Despoina Filiou 37

- **Tuomo Nikulainen, Mika Maliranta** "Labour Flow Paths as Industry Linkages: a Perspective on Clusters and Industry Life Cycles"

- **Jacob Rubæk Holm, Edward Lorenz, Bengt-Åke Lundvall, Antoine Valeyre** "Organisational Learning and Systems of Labour Market Regulation in Europe"
- **Bram Timmermans** "The Effect of Previous Co-Worker Experience on Firm Survival"
Discussants: Lubomir Lízal, Cristina Rossi Lamastra

54 Alliance Networks

11:00 -12:30 *Room: SP s14 Chair: David J. Bryce 24*

- **Lena Lee, Wong Poh Kam** "Firms' Innovative Performance: the Mediating Role of Innovative Collaborations"
- **You-Ta Chuang, Jung-Chin Shen, Peggy Ng** "The Roles of Alliance Networks in Dyadic Competitive Interaction in the Context of Mergers and Acquisitions"
- **Andrés Barge-Gil, Aurelia Modrego** "The Impact of Research and Technology Organizations on Firm Competitiveness. Measurement and Determinants"
Discussants: Christos Pitelis, Thorsten Grohsjean

POSTER SESSIONS

POSTER SESSION I – Wednesday, June 17 at 15.00

Andrés Barge-Gil "Cooperation-Based Innovators and Peripheral Cooperators: an Empirical Analysis of their Characteristics and Behaviour"

April Franco "Incentives and the Structure of Teams"

Jose-Luis Hervas-Oliver, Jose Albors, Blanca De-Miguel-Molina "Who Is Going to Be My Tech. Partner? Technology Cooperation Agreements and Absorptive Capacity. Evidence for Spanish Firms"

Bernhard Truffer, Harald Rohracher, Jochen Markard "The Analysis of Institutions in Technological Innovation Systems - a Conceptual Framework Applied to Biogas Development in Austria"

Carl Henning Reschke "Systemic Processes of Evolutionary Knowledge Organization in Pharmaceuticals"

POSTER SESSION II - Wednesday, June 17 at 17.00

Hung-Hsiang Kao, Jen-Fang Lee "An unintended Result of a Well-Intentioned Policy - a Deep-Dive Into China's Mobile Phone Industry Policy"

Heidi Wiig Aslesen, Knut Onsager "Knowledge Bases, Open Innovation and City Regions"

Jose-Luis Hervas-Oliver, Jose Albors, Blanca De-Miguel-Molina "The Role of Firms' Absorptive Capacity and the Access to R&D Institutions in Clusters: Sound or Misleading?"

Wen Chiang Chieng, Yuan Chieh Chang, Ting Lin Lee "The Evolution of MNEs R&D Centers in Host Countries: a Survey in Taiwan"

POSTER SESSION III - Thursday, June 18 at 10.30

Majella Giblin "A balancing Act: Managing the Global-Local Dimensions of Industrial Clusters Through the Mechanism of Lead Organisations"

Marie Ferru "The Multi-Scale Dimension of Innovation: a Proximitist Analysis of Partnerships Build-Up"

Marie Louise Mors "The Investment of Individual Resources in Professional Relationships"

Mo LI, Paul Stoneman "Competition Vs. Collaboration in the Generation and Adoption of a Sequence of New Product Technologies: the Case of Certainty"

POSTER SESSION IV - Thursday, June 18 at 15.00

Nassef Hmimda "Institutional Entrepreneurship and Bricolage: the Creation of a Technological Path"

Nigel Stuart Wadson "Market Disequilibrium, the Firm, and the Coordination of Productive Resources"

Pieter Ballon "Platform Types and Gatekeeper Roles: the Case of the Mobile Communications Industry"

Tim Kastelle "Generative Mechanisms of the World Trade Web"

Cristina Odasso, Mario Calderini "Intellectual Property Portfolio Securitization: An Evidence Based Analysis"

Patrik Wikström, Jordi Comas, Ted Tschang "Once Upon a Social Web: Social Media and Firms' Learning Behavior in Two Worlds"

Jose-Luis Hervas-Oliver, Jose Albors, Blanca De-Miguel-Molina "Science in the Kitchen. a Paradigm for Culinary Services Innovation"

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