



Program for the
DRUID Summer Conference 2007 on
APPROPRIABILITY, PROXIMITY, ROUTINES and INNOVATION

June 18-20, 2007

at Copenhagen Business School (CBS), Solbjerg Plads 3, Frederiksberg, DENMARK
e-mail: Summer2007@druid.dk

Website: <http://www.druid.dk/summer2007> (all papers in the program are available through this website, **sometimes listed under a co-author**)

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.

Overhead projectors and computer projectors or beamers will be available for PowerPoint presentations. Please bring your presentation on transparencies or on a USB memory device.

Plenary Overview									
Monday 18, 09.00-09.30	Opening the conference by Peter Maskell , Director of DRUID								
	Words of welcome by Rector Finn Kjærdsdam , Aalborg University and Finn Junge-Jensen , President of CBS								
Monday 18, 10.00-11.30	<i>Signals and Syndicates</i> . Chair: Mark Dodgson David Hsu : "The Signaling Value of Patents: Evidence from Semiconductor Start-ups" (co-authored with Rosemarie Ziedonis) David Audretsch : "Nascent Entrepreneurs, Innovation and External Finance" (co-authored with Werner Boente and Prashanth Mahagaonkar) Anita McGahan : "The More the Merrier: Institutions and Syndicate Size in Venture Capital investments" (co-authored with Isin Guler). <i>Discussants</i> : Anne Marie Knott and Toke Reichstein								
Monday 18, 11.30-12.30	<i>User Innovation: Off-label use of Pharma</i> Eric von Hippel : "The Major Role of Clinicians in the Discovery of Off-Label Drug Therapies" (Co-authored with Harold J. DeMonaco and Ayfer Ali)								
Monday 18, 12.30-13.30	Lunch (included in conference fee) at CBS Solbjerg Plads								
Monday 18, 13.30-15.00	<i>Open and proprietary Innovation Regimes</i> . Chair: Lee Davis Johann Peter Murmann : "The Complex Role of Patents in Creating Technological Competencies" Keld Laursen and Ammon J. Salter : "The Paradox of Openness. Appropriability and the Use of External Sources of Knowledge for Innovation" Luigi Marengo : "Knowledge, Competition and Appropriability: Is strong IPR protection always needed for more and better Innovations?" (co-authored with Giovanni Dosi, Corrado Pasquali and Marco Valente) <i>Discussants</i> : David Gann and Grazia D. Santangelo								
Monday 18, 15.00-15.30	Coffee break								
Monday 18, 15.30-17.00	<i>Evolutionary Economic Geography</i> Chair: Koen Frenken Ron Boschma : "Related variety and regional growth in Italy" (Co-authored with Simona Iammarino) Thomas Brenner : "Factors and Mechanisms Causing the Emergence of Local Industrial Clusters - A Meta-Study of 159 Cases" (Co-authored with André Mühlig) Olav Sorenson : "Home sweet home? Entrepreneurs' location choices and the performance of their ventures" (Co-authored with Michael Dahl) <i>Discussants</i> : Ronald L Martin and Jim Love								
Monday 18, 17.00-17.30	Coffee break								
Monday 18, 17.30-19.00	1st Parallel	Sessions	Parallel	Sessions	Parallel	Sessions	Parallel	Sessions	Parallel
Monday 18, 19.00-19.45	Pre-dinner drinks reception hosted by <i>Industry and Innovation</i> and their publisher: Routledge Journals (at CBS Kilen)								

Monday 18, 20.00-22.00	Dinner (included in conference fee) at CBS Dalgas Have								
2nd DAY									
Tuesday 19, 09.00-10.30	2nd Parallel	Sessions	Parallel	Sessions	Parallel	Sessions	Parallel	Sessions	Parallel
Tuesday 19, 10.30-11.00	Coffee break								
Tuesday 19, 11.00-12.30	3rd Parallel	Sessions	Parallel	Sessions	Parallel	Sessions	Parallel	Sessions	Parallel
Tuesday 19, 12.30-13.30	Lunch (included in conference fee) at CBS Solbjerg Plads								
Tuesday 19, 13.30-15.00	<p>DRUID Debate on <i>Methodological individualism versus scientific progress</i>. Chair: Keld Laursen Motion: "Let it be resolved that this conference believes that the lack of methodological individualism applied in strategy research seriously limits scientific progress in the field" Peter Abell and Nicolai Foss speaking for the motion. Sidney G. Winter and Thorbjørn Knudsen speaking against the motion.</p>								
Tuesday 19, 15.00-15.30	Coffee								
Tuesday 19, 15.30-17.00	4th Parallel	Sessions	Parallel	Sessions	Parallel	Sessions	Parallel	Sessions	Parallel
Tuesday 19, 17.15-19.30	Excursion. Busses will leave sharply on time. Board outside CBS Solbjerg Plads. Busses will return directly to the Conference Dinner.								
Tuesday 19, 20.00-22.30	Conference Dinner (included in conference fee) at CBS Porcelænshaven, Ovnhallen								

3rd DAY									
Wednesday, 09.00-10.30	5th Parallel	Sessions	Parallel	Sessions	Parallel	Sessions	Parallel	Sessions	Parallel
Wednesday, 10.30-11.00	Coffee break								
Wednesday, 11.00-12.30	<p><i>Knowledge Transfer and Geography</i>. Chair: Bent Dalum Joanne Oxley: "Alliance structure and the scope of knowledge transfer: Evidence from US-Japan agreements" (co-authored with Tetsuo Wada). Mariko Sakakibara "Assessing the Role of University Patent Rights: U.S.-Japan Comparison of University-Industry Knowledge Transfer" Michael Storper: The Geographical Processes behind Innovation: A Europe-United States Comparative Analysis (Co-authored with Riccardo Crescenzi and Andrés Rodríguez-Pose) <i>Discussants</i>: Rajneesh Narula and Paola Criscuolo</p>								
Wednesday, 12.30-13.30	Lunch (included in conference fee) at CBS Solbjerg Plads								
Wednesday, 13.30-15.00	<p>DRUID Debate on <i>Dynamic Capabilities and Adaptation</i> Chair: Peter Maskell Motion: "Let it be resolved that this conference believes that the study of dynamic capabilities leads to a dead end. Rather, to further our understanding of firm performance we need to study organizational adaptation rather than dynamic capabilities". Dan Levinthal and William C Ocasio speaking for the motion. Gautam Ahuja and Kathleen Eisenhardt speaking against the motion.</p>								
Wednesday, 15.00-15.30	coffee break								
Wednesday, 15.30-17.00	<p><i>Boundary Spanning in Problem Solution</i> Chair: Lazaric Nathalie Kathleen Eisenhardt "Complexity Theory, Market Dynamism, and the Strategy of Simple Rules" (Co-authored with Jason P. Davis and Christopher B. Bingham) Allan Afuah: "Technological Change and the Negative Effects of Embeddedness" (Co-authored with Rosa Grimaldi) Lars Bo Jeppesen: " Attracting Needles from the Haystack: the Importance of Marginality in a Broadcast Search and Solution Attraction Problem Solving Process" (Co-authored with Karim R. Lakhani) <i>Discussants</i>: Serden Özcan, Stefano Brusoni</p>								
Wednesday, 17.00-17.15	Closing of the conference								

Parallel Conference Paper Sessions

MONDAY, JUNE 18, 2007 - Parallel Sessions 1

1 Industry-University Relationship: Nature and Determinants 1

17:30 -19:00 Room: S 08, Chair: Andy Davies 1

- **Tobias Schmidt** "The Modes of Industry-science Links"
- **Pablo D'Este, Markus Perkmann** "Why Do Academics Work With Industry? A Typology of Rationales across Different forms of Collaboration"
- **Isabel Maria Bodas Freitas, Rudi Bekkers** "Exploring Patterns of Knowledge Transfer from University to Industry: Do Sectors Matter?"
Discussants: Finn Valentin, Naohiro Shichijo

2 Evolution of Clusters

17:30 -19:00 Room: S 10, Chair: Kerstin Press 10

- **Oliver Falck, Stephan Heblch** "Modern Location Factors in Dynamic Regions"
- **Pierpaolo Andriani, Frank Siedlok** "The Collapse and Regeneration of Complex Clusters: Some Evolutionary Considerations"
- **Peter Maskell** "Transient Inter- Firm Projects in Creative industries: Local and Global Search for Knowledge and Solutions"
Discussants: Christian R. Østergaard, Michael Storper

3 Science-based Industries

17:30 -19:00 Room: 112 Chair: Cees van Beers 44

- **Francisco Fatas-Villafranca, Julio Sanchez, Gloria Jarne** "Industrial Leadership in Science-based industries. A Coevolution Model."
- **Lori Depaauw** "The Affects of Institutional Systems on the Early Stage Development of Dedicated Biotechnology Firms"
- **Verena Eckl, Dirk Engel** "Benefiting from Public Supported Pre-competitive Program: differences between in- and Outsiders"
Discussants: Ludovic Dibiaggio, Marc Isabelle

4 Technology and Innovation Systems

17:30 -19:00 114 Chair: Maria Theresa Larsen 13

- **Mi-Ae Jung, Youn-Hee Choi, Eunnyeong Heo** "The Dynamics of the Bio-industry: What Is the Main force for Generating Biotechnology by Firms?"
- **Maj Munch Andersen** "Knowledge Dynamics, Technological Trajectories and Emerging Innovation Systems - Lessons from Naotechnology"
- **Mads Borup, Birgitte Gregersen, Anne Nygaard Madsen** "Development Dynamics and Conditions for New Energy Technology Seen in an Innovation System Perspective"
Discussants: Keith Smith, Åge Mariussen

5 Economic Development

17:30 -19:00 Room: 205 Chair: Christopher Palmberg 17

- **Chris Papenhausen** "Long Waves of Economic Development and their Causal Mechanisms"
- **André Lorentz, Maria Savona** "Evolutionary Micro-dynamics and Changes in the Economic Structure"
- **Zoltan Acs, David Audretsch, Pontus Braunerhjelm, Bo Carlsson** "The Knowledge Filter, Entrepreneurship, and Economic Growth"
Discussants: Esben Sloth Andersen, Marion Frenz

6 IPR Strategies

17:30 -19:00 Room: 207, Chair: Alexander Frenzel Baudisch 24

- **Stefanie Pangerl, Joachim Henkel** "Alternatives to the Patent Arms Race: an Empirical Study of Defensive Publishing"
- **Jesper Lindgaard Christensen** "The IPR System and Capital Markets – Contributions and Distortions"
- **Elena Novelli, Giovanna Padula, Rekha Rao** "Technology Trade, Downstream Complementary Assets and Firm Age. Understanding the Determinants of the Propensity to Licensing by innovative SMEs"
Discussants: Odile Janne, Lee Davis

7 Strategy, Structure and Fitness

17:30 -19:00 Room: 208, Chair: Nils Stieglitz 27

- **Michael G Jacobides, Sidney G. Winter, Stefan Kassarberger** "Wealth, Profit or Sustained Advantage: Which Should Be the Dependent Variable for Strategy?"
- **Torben Andersen, Thorbjørn Knudsen** "Strategic organization: an Integrative Strategy Making Model"
- **Hagen Worch** "Intrinsic Motivation and the Development of the Firm"
Discussants: Nicolai Juul Foss, Brian Loasby

8 Labour Mobility and Knowledge

17:30 -19:00 Room: 210, Chair: Henrik Sornn-Friese 31

- **Alexander Oettl, Ajay Agrawal** "International Labor Mobility and Knowledge Flow Externalities"
- **Karin Hoisl** "Does Mobility Increase the Productivity of inventors? New Evidence from a Quasi-experimental Design"
- **Camilla Lenzi** "Methodological Issues on Workers' Mobility: A Comparative Analysis between Patent and Survey Data"
Discussants: Michael S. Dahl, Olav Sorensen

9 Innovation Networks Structure

17:30 -19:00 Room: 212, Chair: Mette Præst Knudsen 36

- **Aimilia Protogerou, Yannis Caloghirou, Evangelos Siokas** "The Structure of Innovation Networks Developed in the Context of Emerging New Industrial Activities"
- **Ana Colovic, Manuel Cartier** "Co-evolution and Networks Adaptation"
- **Markus Becker, Francesco Zirpoli** "Coordinating Innovation in Networks: from Task Decomposition by Product Architecture to Replicating Template Platforms"

Discussants: Bettina Peters, Despoina Filiou

10 Open Innovation 1

17:30 -19:00 Room: 213, Chair: René Nesgaard Nielsen 40

- **Elad Harison, Heli Koski** "Innovative Software Business Strategies: Evidence from Finnish Firms"
- **Keld Laursen, Mikko Paananen, Ammon Salter** "Profiting from Openness: Exploring the Relationship between Profits and Openness among innovating Firms"
- **Linus Dahlander, David Gann** "How Open is Innovation?"

Discussants: Roberto Fontana, Stephen Roper

11 Competition, Innovation and Firm Strategies

17:30 -19:00 Room: 214, Chair: Jasjit Singh 46

- **Annabelle Gawer, Michael Cusumano** "Winning Strategies for Platform Leader Wannabes"
- **Mirva Peltoniemi** "Beyond Efficiency and Market Shares: Competition within the Finnish Games Industry"
- **Joel West, Michael Mace** "Entering a Mature Industry through Innovation: Apple's Iphone Strategy"

Discussants: Lars Bo Jeppesen, Mark Dodgson

12 Institutions and Firm Behaviour

17:30 -19:00 Room: 216, Chair: Grazia D. Santangelo 54

- **Gil Avnimelech** "Performances of VC Agents: Evidence from the Israeli VC Market"
- **Florian Taeube, Mark Lorenzen** "The Banyan and the Birch Tree: Institutional Field Overlaps and Network Relations in the Indian Film Industry in Bollywood"
- **Norbert Morawetz** "Finance, Policy and industrial Dynamics – the Rise of Co-productions in the Film Industry"

Discussants: Bram Timmermans, Ron Boschma

TUESDAY, JUNE 19, 2007 - Parallel Sessions 2

13 Industry-University Relationship: Nature & Determinants 2

09:00 -10:30 Room: S 07, Chair: Paola Criscuolo 2

- **Liney Manjarrés, Antonio Gutierrez-gracia, Jaider Vega** "University-industry Relations and Academic Research: Coexistence or Something Else?"
- **Sandra Kliknaite** "How Proximity Matters in Industry-university Collaboration"
Discussants: Christopher Palmberg, Maria Theresa Larsen

14 Institutional Issues and Policy Outcomes

09:00 -10:30 Room: S 08, Chair: Lars Bo Jeppesen 6

- **Cees Van Beers, Elina Berghall, Tom Poot** "R&D Internationalization, R&D Collaboration and Public Knowledge Institutions in Small Economies: Evidence from Finland and the Netherlands"
- **Daniel Ljungberg, Mattias Johansson, Maureen Mckelvey** "Does Structure Matter For Science?: The Matthew Effect In The Swedish University Sector"
- **Marc Isabelle and John Gabriel Goddard:** "Explaining the balance between publications and patents as outputs from public-private collaborative R&D"
Discussants: Pierpaolo Andriani, Myriam Mariani

15 Dynamics of Innovation Systems

09:00 -10:30 Room: S 10, Chair: Anita McGahan 9

- **Fulvio Castellacci** "Technological Paradigms, Regimes and Trajectories - Manufacturing and Service industries in a New Taxonomy of Sectoral Patterns of Innovation"
- **Michael Fritsch, Viktor Slavtchev** "What Determines the Technical Efficiency of Regional Innovation System"
- **Jochen Markard** "Exploration of Socio-Technical and Organizational Variations: Analysis of Development Options in the Innovation System for Stationary Fuel Cells in Germany"
Discussants: Bent Dalum, Sandro Montresor

17 Economic Development, Trade and Innovation

09:00 -10:30 Room: 113, Chair: Francesco Rullani 18

- **Tim Kastle** "The Impact of the Evolution of the International Trade Network on Economic Development"
- **Elif Bascavusoglu-moreau** "Does Trade Transfer Technology to Emerging Countries? A Patent Citation Analysis"
- **Rekha Rao** "The Employment Effects of Innovation"
Discussants: Karin Hoisl, Camilla Lenzi

18 Partner Selection

09:00 -10:30 Room: 205, Chair: Keld Laursen 20

- **Gjalt de Jong** "The impact of contracting behaviour on high-tech alliance performance"
- **Grazia D. Santangelo, Rajneesh Narula** "Location and R&D Alliances in the European ICT Industry"
- **Toke Reichstein** "Innovative Scope in Biotech Business - Effects of Aligning Partner Types with the Firm's Science Base"
Discussants: Allan Afuah, Joanne Oxley

19 Search and Adaptation

09:00 -10:30 Room: 207, Chair: Nicolai Juul Foss 28

- **Jenny Gibb, Jarrod Haar** "How Co-evolving Boundaries Are Developed: Intermediary Start-up Survival Tactics Across Mature industries"
- **Stephan Billinger, Michael Jacobides** "Fending off Commoditization and Softening Competition through Strategic Boundary Design"
- **Nils Stieglitz, Stephan Billinger** "Organizational Tradeoffs and the Dynamics of Search and Coordination"
Discussants: David Bryce, Roy Hamans

20 Entrepreneurship and Survival Models

09:00 -10:30 Room: 208, Chair: Koen Frenken 32

- **Jose Mata** "Founding Conditions and the Survival of New Firms"
- **Elena Cefis, Orietta Marsili** "Going, Going, Gone. Innovation and Exit in Manufacturing Firms"
- **Serden Ozcan** "Only the Lonely? the Influence of Spouse on the Transition to Self-employment"
Discussants: Thomas Astebro, Hagen Worch

21 Industry and Technology Evolution

09:00 -10:30 Room: 210, Chair: Christian R. Østergaard 42

- **Kerstin Press, Markus Geipel, Frank Schweitzer** "The Nature of Production and organisation. an N/K Model of Modularity, (dis)integration and Performance"
- **Brice Dattee** "Challenging the S-curve: Patterns of Technological Substitution"
- **Marcela Miozzo, Gil Nuno** "Implementing Innovations in Infrastructures in the Built Environment: the Role of Clients, Customers and Users"
Discussants: Jordi Molas-Gallart, Guido Buenstorf

22 Firms and Regions

09:00 -10:30 Room: 212, Chair: Elad Harison 48

- **Martha Prevezer** "India and China: new Regions of Technological Advantage"
- **Ana Colovic** "Attractiveness of Territories for R&D Localisation"
Discussants: Mark Lorenzen, Andrew Tylecote

23 Tech Adoption

09:00 -10:30 *Room: 213, Chair: Bettina Peters 49*

- **Alessandro Nuvolari, Bart Verspagen** "Technical Choice, Innovation and British Steam Engineering"
- **Mamata Parhi** "Global Push, Competitiveness, and Adoption of New Technologies: Reflections from Indian Automotive Firms"
- **Katja Goerlitz** "Does ICT Adoption Increase Employer's Training investments?"

Discussants: Luca Grilli, David Audretsch

24 Knowledge Transfer and Management

09:00 -10:30 *Room: 214, Chair: Marion Frenz 57*

- **Marcus Wagner** "The Influence of Environmental Management Systems and tools on Innovation"
- **Larissa Rabbiosi, Ram Mudambi, Lucia Piscitello** "Mandates and Mechanisms: the Impact on Reverse Knowledge Transfer in MNEs"
- **Jörg Ohnemus** "Does IT-outsourcing Increase Firm Success? A firm-level investigation for Germany"

Discussants: Joel Stiebale, Jasjit Singh

TUESDAY, JUNE 19, 2007 - Parallel Sessions 3

25 Industry-University Relationship: Performance Issues 1

11:00 -12:30 Room: S 07, Chair: Jesper Lindgaard Christensen 3

- **Maria Theresa Larsen** "Too Close for Comfort? The Effect of University-industry Collaboration on the Scientific Performance of University Professors."
- **Naohiro Shichijo, Yasunori Baba** "The Effect of Industry-University Collaboration on Scientific Research at Universities: the Case of Advanced Materials"
- **Christopher Palmberg** "Modes, Challenges and Outcomes of Nanotechnology Transfer - A Comparative Analysis of University and Company Researchers"

Discussants: Daniel Ljungberg, Cees van Beers

26 Public Research, Knowledge Transfer and Learning

11:00 -12:30 Room: S 08, Chair: Bent Dalum 7

- **Devrim Goktepe** "Profiling Serial inventors and Creative Research Milieus: what Matters-nature, Nurture or Something Else?"
- **Tuomo Nikulainen** "What Makes a Gatekeeper? Insights from the Finnish Nano-community"
- **Guido Buenstorf, Matthias Geissler** "Not invented Here: Knowledge Transfer and Technology Licensing from a German Public Research organization"

Discussants: Martin Woerter, Lionel Nesta

27 National, Regional and Technological Innovation Systems

11:00 -12:30 Room: S 10, Chair: Brice Dattée 8

- **Horst Hanusch, Andreas Pyka** "Applying a Comprehensive Neo-Schumpeterian Approach to Europe and Its Lisbon Agenda"
- **Giuseppe Vittucci Marzetti, Sandro Montresor** "Innovation Clusters in Technological Systems: A Network Analysis of 15 OECD Countries for the Middle '90s"
- **Bart Verspagen, Tommy Clausen, Svein Olav Nås** "Norwegian Innovation and industrial Structure: Insiders and Outsiders?"

Discussants: Fulvio Castellacci, Bo Carlsson

28 Location and Proximity

11:00 -12:30 Room: 113, Chair: Roberto Fontana 15

- **Damien Talbot** "Institutions as Creators of Proximities"
- **Daniel Gabaldon-Estevan, Ignacio Fernandez De Lucio, Enrique Tortajada Esparza** "How does Structure affect Industrial Districts Innovation?"
- **Marie Coris** "From Myth to Reality: How Proximity Still Matters in the Software Sector"
Discussants: Ron Martin, Henrik Sornn-Friese

29 Collaboration and Knowledge Flows

11:00 -12:30 Room: 205, Chair: Odile Janne 22

- **Elodie Loubaresse** "How Does Context Influence Broker Role in industrial Clusters? an Analysis in Terms of Embeddedness"
- **Myriam Mariani, Paola Giuri** "Proximity of inventors and Knowledge Flows"
- **Christian R. Østergaard** "Knowledge Flows through Social Networks in a Cluster: Interfirm vs. University-industry Contacts"
Discussants: Gil Avnimelech, Dirk Fornahl

32 Entrepreneurship

11:00 -12:30 Room: 208, Chair: Karin Hoisl 33

- **Saradindu Bhaduri, Hagen Worch** "The Influence of Education and Experience on Entrepreneurial Behavior in Dynamic Markets: Some Econometric Evidence from the Indian Pharmaceutical Industry"
- **Maryann Feldman, Jiwoong Yoon, Finn Valentin:** "Organizational Legacy and Firm Performance"
Discussants: David Hsu, Viktor Slavtchev
- **Lee Davis, Jerome Davis** ""Spare Time" Invention: What Is It, What Motivates It, and Why Does It Matter?"
Discussants: Rudi Bekkers, Martha Prevezer

33 Users and Online Communities

11:00 -12:30 Room: 210, Chair: Annabelle Gawer 38

- **Linus Dahlander, Lars Frederiksen** "The Bonfire of the Boundaries? Boundary Spanning and Technological Competence in a Firm-hosted online Community"
- **Christoph Hienerth, Marion Pötz, Eric Von Hippel** "Exploring Key Characteristics of Lead User Workshop Participants: Who Contributes Best to the Generation of Truly Novel Solutions?"
- **Sigvald Harryson, Sandra Kliiknaite** "Killing the Myth of Web Based Creativity"
Discussants: Marcela Miozzo, Francesco Rullani

34 Technology Diffusion and Adoption

11:00 -12:30 *Room: 212, Chair: Gjalt Jong 41*

- **Luca Grilli, Massimo G. Colombo** "Broadband Access and Broadband-based Applications: an Empirical Study of the Determinants of Adoption among Italian SMEs"
- **Grazia Cecere** "Voip Diffusion among New Entrants and Incumbents: Path Dependent Process"
- **Davide Arduini** "ICT Diffusion"

Discussants: Katja Görlitz, and Jérôme Vicente

35 Absorptive Capacity and Knowledge Sharing

11:00 -12:30 *Room: 214, Chair: Pierpaolo Andriani 47*

- **Antonino Vaccaro, Stefano Brusoni, Francisco Veloso** "The Role of Virtual Design Tools on Knowledge Replication and Recombination: an Empirical investigation."
- **Jaider Vega, Antonio Gutierrez-gracia, Ignacio Fernández-de Lucio** "An Analytical Model of Absorptive Capacity"
- **Mette Præst Knudsen** "Redundancy-010307"

Discussants: Kristina Dahlin, Federica Ceci

36 Innovation and MNCs

11:00 -12:30 *Room: 216, Chair: Rajneesh Narula 51*

- **Joel Stiebale, Frank Reize** "Does FDI Affect Innovation in Target Firms?"
- **Marco Guerzoni** "The Impact of Market Size and Users' Sophistication on Innovation: the Patterns of Demand"

Discussants: Tina Claudia Ambos, Larissa Rabbiosi

TUESDAY, JUNE 19, 2007 - Parallel Sessions 4

37 Industry-University Relationship: Performance Issues 2

15:30-17:00 Room: S 07, Chair: Birgitte Gregersen 4

- **Jasjit Singh** "External Collaboration, Social Networks and Knowledge Creation: Evidence from Scientific Publications"
- **Tina Claudia Ambos, Kristiina Makela, Julian Birkinshaw, Pablo D'este Cukierman** "When Does University Research Get Commercialised? Institutional and individual Level Predictors of Commercial Outputs from Research-council Funded Projects"
- **Peter Lotz, Maria Theresa Larsen, Lee Davis** "To What Effect? Scientists' Perspectives on the Unintended Consequences of University Patenting"

Discussants: Markus Perkmann, Johann Peter Murmann

38 Learning and Coordination in Clusters or Regions 1

15:30-17:00 Room: S 10, Chair: Kristina Dahlin 11

- **Daniela Freddi** "In Which Ways and Through Which Channels Do Firms in Traditional Mechanical Clusters Learn, Absorb and Incorporate Radical New Technologies? Evidence from an Italian Mechatronic Cluster"
- **Fiorenza Belussi, Alessia Sammarra, Silvia Sedita** "Learning At the Boundaries in an "open Regional Innovation System": A Focus on Firms' Innovation Strategies in the Emilia Romagna Life Science Industry"
- **Chuan-kai Lee, Annalee Saxenian** "Coordination in the Regional World: an industrial System Analysis of the Taiwanese Information Technology Cluster"

Discussants: Kerstin Press, Tommy Clausen

39 Economic Development & Innovation

15:30-17:00 Room: 112, Chair: Michael Storper 16

- **Mario Coccia** "Economic Growth and Funding for Research: Optimization and Research Policy Implications"
- **Keith Smith** "Does Europe Perform too Little Corporate R&D?"
- **Thomas Kemeny** "How to Climb Out of Technological Backwardness: Lessons from Cross-national Evidence"

Discussants: Norbert Morawetz, Joost Heijs

40 Collaborative Outcomes and Performance

15:30-17:00 Room: 113, Chair: Grazia D. Santangelo 21

- **Finn Valentin and Henrich Dahlgren** "Alliances of Scandinavian Biotech Start-ups and their Effects on Financial Performance"
- **Keld Laursen, Francesca Masciarelli** "The Effect of Social Capital and External Knowledge Acquisition on Process and Product Innovation"

Discussants: Gautam Ahuja, Rekha Rao

41 IPR and Collaboration

15:30-17:00 Room: 114, Chair: Luca Grilli 25

- **Jordi Molas-Gallart, Puay Tang** "Intellectual Property in Collaborative Projects: Navigating the Maze"
- **Marcus Wagner** "On the Relationship between Environmental Management, Environmental Innovation and Patenting"
- **Odile Em Janne, Marion Frenz** "Patents and Collaborations for Innovation: an Analysis of the Fourth UK Community Innovation Survey"

Discussants: Stefanie Pangerl, Luigi Marengo

42 Search and Transitions

15:30-17:00 Room: 205, Chair: Torben Andersen 30

- **Koen Frenken, Malte Schwoon, Floortje Alkemade, Marko Hekkert** "A Complex Systems Methodology to Transition Management"
- **Nils Stieglitz, Thorbjørn Knudsen** "Taming the Antagonistic forces of Exploration and Exploitation"
- **Marc Tiri** "Innovation Propensity and Unobserved Firm-heterogeneity: Estimating a Varying-coefficients Binary Choice Model Using the Generalized Maximum Entropy Method"

Discussants: William C Ocasio, Francisco Fatas-Villafranca

43 Innovation Performance

15:30-17:00 Room: 207, Chair: Michael S. Dahl 34

- **Paola Criscuolo, Nicos Nicolaou, Ammon Salter** "The Elixir or Burden of Youth? Exploring Differences among Start-ups and Established Firms in Innovation Behaviour in the UK"
- **Pablo D'este, Simona Iammarino, Maria Savona, Nick Von Tunzelmann** "Revealed Versus Deterring Barriers to Innovation: Evidence from the CIS4"
- **Bettina Peters** "Nothing's Gonna Stop Innovators Now? An Empirical Investigation on the 'Success Breeds Success' Hypothesis"

Discussants: Toke Reichstein, Alessandro Nuvolari

44 Open Innovation 2

15:30-17:00 Room: 208, Chair: Jerome Davis 39

- **Paola Giuri, Francesco Rullani, Salvatore torrisi** "A Test of Lazear's theory of Entrepreneurship in the Open Source Software Virtual Community"
- **Jean Béhue Guetteville** "The Vision as the Architecture of Innovation?"
- **Olivier Brossard, Jérôme Vicente** "The Complex Trade-off between Appropriation and Accessibility in Knowledge Networks: an Exploratory Study in the European ICT Sector"

Discussants: Tobias Schmidt, Tuomo Nikulainen

45 Evolution of Capabilities

15:30-17:00 Room: 210, Chair: Peter Abell 43

- **Lionel Nesta** "Market Selection along the Firm Life Cycle"

- **Ludovic Dibiaggio** "Evolutionary Dynamics of Technological Diversification in the Semiconductor Industry"
- **Sidney Winter, David Bryce** "Capabilities Overlap and Diversification"
Discussants: Gjalt Jong, Dan Levinthal

46 Innovation and Performance

15:30-17:00 *Room: 212 Chair: Mark Lorenzen 45*

- **Jim Love, Stephen Roper, Jun Du** "Innovation, Ownership and Profitability"
- **Christoph Grimpe, Wolfgang Sofka** "Managing Innovation and Learning in Dynamic Environments: the Role of Rapid Response Capabilities"
- **Marco Guerzoni, Roberto Fontana** "Incentives and Uncertainty: an Empirical Analysis of the Impact of Demand on Innovation"
Discussants: Anita McGahan, Mikko Paananen

47 Theory of the Firm and Cognition

15:30-17:00 *Room: 214, Chair: Mette Præst Knudsen 50*

- **Christian Cordes** "A Naturalistic Approach to the theory of the Firm: the Role of Cooperation and Cultural Evolution"
- **Brian Loasby** "Imagination and Order"
- **Alexander Frenzel Baudisch** "How Demand Specificity Shapes Transaction Costs Explaining the Dynamics of the Liberalising British Electricity Sector 1990-2005"
Discussants: Markus Becker and Jochen Markard

48 Diversity and Innovation Performance

15:30-17:00 *Room: 216, Chair: Joel West 52*

- **Martin Woerter** "Industry Diversity and Its Impact on the Innovation Performance of Firms"
- **René Nesgaard Nielsen** "Educational Diversity, organisational Creativity, and Innovation: Introduction of Highly Educated Labour in Small Danish Firms"
- **Thomas Astebro, Carlos Serrano** "Teamwork"
Discussants: Lazaric Nathalie, Thomas Brenner

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49 Managing Innovation Networks

09:00 -10:30 Room: S 07, Chair: Jesper Lindgaard Christensen 37

- **Lise Aboen** "The Internal, Semi-internal and External Ties of an Incubator Located New Technology-based Firm"
- **Despoina Filiou** "Processes for Cooperation: insights on Absorptive Capacity, Combinative Capabilities and Inter-Organisational Routines from a Case Study on a Large Firm in Pharmaceuticals"
- **Florian Taeube, Jennifer Whyte** "Technology Sourcing, Knowledge Management and Governance in International Inter-Organisational Innovation Networks"

Discussants: Aimilia Protogerou, Sigvald Harryson

51 Learning and Coordination in Clusters or Regions 2

09:00 -10:30 Room S 08, Chair: Michael Storper 12

- **Anja Cotic Svetina** "Collective Learning Channels in Clusters"
- **Alexander Cole** "The Localized Learning Perspective: A Critical Re-examination"
- **Isabel Bortagaray** "The Building of Agricultural Biotechnology Capabilities in Small Countries: the Cases of Costa Rica, New Zealand, and Uruguay"

Discussants: Fiorenza Belussi, Chuan-Kai Lee

52 formal Evolutionary Models, R&D and Growth

09:00 -10:30 Room: 205 Chair: Allan Afuah 19

- **Giovanni Cerulli, Bianca Poti** "Sensitivity Analysis for Intersectoral R&D Spillovers Using Monte Carlo Simulations: an Application to Italy"
- **Esben Sloth Andersen** "Bridging the Gap between Schumpeterian Competition and Evolutionary Game theory"
- **Thorbjorn Knudsen, Sidney G. Winter** "An Evolutionary Model of Spatial Competition"

Discussants: Koen Frenken, Elad Harison

53 Routines and Capabilities

09:00 -10:30 Room: 207, Chair: Lionel Nesta 26

- **Peter Kesting** "Dynamic Capabilities: What obstacles do they have to address"
- **Lazarc Nathalie** "Are Routines Solely Reducible to Cognitive Mechanisms"
- **Roy Hamans** "Beyond Dynamic Capabilities: toward a Process Model of Dynamic Fit"

Discussants: Alexander Frenzel Baudisch, Andy Davies

55 Innovation and Policy

09:00 -10:30 Room: 210, Chair: Sandro Montresor 53

- **Liliana Herrera, Joost Heijs , Mariano Nieto** "Distribution and Effect of R&D Subsidies: A Comparative Analysis According to Firm Size"
- **Åge Mariussen** "Innovation - Profitability Fields Exploring Dynamic Rationalities"
- **Tommy Clausen** "Access (not) Granted: What Kinds of Firms Participate in Technology Programs?"

Discussants: Tim Kastelle, Mario Coccia

56 Evolution of Technical Standards

09:00 -10:30 Room: 212, Chair: Martin Woerter 55

- **Ranjita Singh, Kristina Dahlin** "A Standard's Journey: Success, Multitude and Dynamism of Technical Standards"
- **Hui Yan** "The 3g Standard Setting Strategy and indigenous Innovation Policy in China: Is TD-SCDMA a Flagship?"
- **Tor Borgar Hansen, Helge Godø** "Innovations and Technological Regimes in M-commerce: Convergence as a Barrier to Entrepreneurship in the Dotcom Period?"

Discussants: Chris Papenhausen, Brice Dattee

57 Building Capabilities

09:00 -10:30 Room: 213, Chair: Thomas Bøtker Mortensen 56

- **Federica Ceci, andrea Masini** "How to offer Integrated Solutions? A Classification of Providers Strategies"
- **Jiajia Liu, Andrew Tylecote** "Corporate Governance and Technological Capability Development - Three Case Studies in the Chinese Auto Industry"
- **Volker Mahnke, Jonathan Wareham** "The Capabilities of the Offshore Middlemen"

Discussants: Torben Andersen, Christoph Grimpe

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Keld Laursen, Peter Maskell (chair), Serden Özcan

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