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

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

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<th>Time</th>
<th>Event Description</th>
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| Monday 18, 09.00-09.30 | Opening the conference by Peter Maskell, Director of DRUID  
Words of welcome by Rector Finn Kjærsdam, Aalborg University and Finn Junge-Jensen, President of CBS |
| Monday 18, 10.00-11.30 | **Signals and Syndicates.** 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).  
**Discussants:** Anne Marie Knott and Toke Reichstein |
| Monday 18, 11.30-12.30 | **User Innovation: Off-label use of Pharma**  
**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 | **Open and proprietary Innovation Regimes.** 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)  
**Discussants:** David Gann and Grazia D. Santangelo |
| Monday 18, 15.00-15.30 | Coffee break |
| Monday 18, 15.30-17.00 | **Evolutionary Economic Geography** 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)  
**Discussants:** 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  
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Parallel Sessions |
| Monday 18, 19.00-19.45 | Pre-dinner drinks reception hosted by *Industry and Innovation* and their publisher: Routledge Journals (at CBS Kilen) |
### 2nd DAY

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<th>Day</th>
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<tr>
<td>Monday 18</td>
<td>20.00-22.00</td>
<td>Dinner (included in conference fee) at CBS Dalgas Have</td>
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<tr>
<td>Tuesday 19</td>
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<td>Tuesday 19</td>
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<td>Lunch (included in conference fee) at CBS Solbjerg Plads</td>
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<tr>
<td>Tuesday 19</td>
<td>13.30-15.00</td>
<td>DRUID Debate on <em>Methodological individualism versus scientific progress</em>. Chair: Keld Laursen</td>
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<td>Motion: &quot;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&quot;</td>
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<td><em>Peter Abell and Nicolai Foss</em> speaking for the motion.</td>
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<td><em>Sidney G. Winter and Thorbjørn Knudsen</em> speaking against the motion.</td>
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<td>Tuesday 19</td>
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<td>Excursion. Busses will leave sharply on time. Board outside CBS Solbjerg Plads. Busses will return directly to the Conference Dinner.</td>
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<td>Tuesday 19</td>
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<td>Conference Dinner (included in conference fee) at CBS Porcelænshaven, Ovnhallen</td>
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<td>Wednesday, 09:00-10:30</td>
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<td>Coffee break</td>
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| Wednesday, 11:00-12:30 | Knowledge Transfer and Geography. Chair: Bent Dalum  
Discussants: Rajneesh Narula and Paola Criscuolo |
| Wednesday, 12:30-13:30 | Lunch (included in conference fee) at CBS Solbjerg Plads               |
| Wednesday, 13:30-15:00 | DRUID Debate on Dynamic Capabilities and Adaptation 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. |
| Wednesday, 15:00-15:30 | Coffee break                                                           |
| Wednesday, 15:30-17:00 | Boundary Spanning in Problem Solution 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)  
Discussants: Serden Özcan, Stefano Brusoni |
| 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
17:30 -19:00 Room: S 08, Chair: Andy Davies
- 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
- Oliver Falck, Stephan Heblich "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
- 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
- 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 Gergersen, 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  
- 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 Kassberger "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 Sorn-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 Praest 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
- 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 Kastelle "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
- 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
- Devrim Goktepe "Profiling Serial inventors and Creative Research Milieus: what Matters-nature, Nurture or Something Else?"
- 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 Dattee
- 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
- 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 Sorn-Friese

29 Collaboration and Knowledge Flows
11:00 -12:30 Room: 205, Chair: Odile Janne
- 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
- 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
- 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 Kliknaite "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, Thorbjorn Knudsen "Taming the Antagonistic forces of Exploration and Exploitation"
  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, Jerôme 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**
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