



Knowledge and Regional Economic Development. Final Open Conference COST A-17

Wednesday, 08 June 2005

Knowledge and Regional Economic Development

Final Open Conference COST A-17
**Small and Medium Enterprises, Economic Development and
Regional Convergence in Europe**

Place:	University of Barcelona
Meeting place:	Facultat de Ciències Econòmiques i Empresariales
Street address:	Avinguda Diagonal, 690. Barcelona, Spain
Date(s):	9th-11th June 2005
Chairman:	Jordi Suriñach
Local Organizer:	AQR Research Group. University of Barcelona

Program

Thursday, 9th June 2005

09:00-9:30 **Registration (Reception Desk)**

09:30-10:00 **Inauguration (Aula Magna)**

Prof. Jordi Suriñach. Chairman of COST A-17, Small and Medium Enterprises, Economic Development and Convergence Regional in Europe

Mr. Alfons Garcia. Secretary for Trade, Tourism and Consumer Affairs of the Generalitat of Catalonia

Mr. David Gronbaek. Science Officer for Social Sciences and Humanities. ESF COST Office

10:00-11:30 **Plenary Session (Aula Magna)**

Chair: Edward Bergman

Prof. David Audretsch (Indiana University)

THE KNOWLEDGE SPILLOVER THEORY OF ENTREPRENEURSHIP AND REGIONAL ECONOMIC DEVELOPMENT

11:30-12:00 **Coffee Break (Close to the Reception Desk)**

12:00-13:30 **Parallel Sessions**

Room 1: Session 1- Regional Innovation Systems and Innovation Clusters (C1)

Chair: Thomas Baumert

Shibusawa, H., Haynes, K., and Kumata, Y. *The Knowledge Network and Learning in a Competitive Regional Environment (28)*

Bergman, E., Maier, G., and Vyborny, M. *Vienna's Competitive Innovation Economy (29)*

Kolehmainen, J. *Local Innovation Environments: Conceptualising Multi-Level Relations (21)*

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Room 2: **Session 2 – Growth and Regional Convergence (E1)**

Chair: Adriana di Liberto

Arbia, G., Piras, G., and Postiglione, P. *Club Convergence and Spatial Panel Data Analysis for EU-NUTS2 Regions (120)*

Basile, R. and Gress, B. *Semi-parametric Spatial Auto-covariance Models of Regional Growth Behaviour in Europe (5)*

Room 3: **Session 3 – Economic Development, Innovation and Regional Policy (F1)**

Chair: Bernard Fingleton

Crescenzi, R. *The Role of Local Innovative Activities, Education and Peripherality in the EU Regional Growth Patterns (10)*

Varga, A. and Schalk, H. *Macroeconomic Effects of the Geography of Technological Change (106)*

Andersson, M. and Karlsson, C. *Knowledge Accessibility and Regional Economic Growth - A study on Swedish Municipalities (97)*

13:30-15:00 Lunch (Close to the Reception Desk)

15:00-16:30 Parallel Sessions

Room 1: **Session 4 - Regional Innovation Systems and Innovation Clusters (C2)**

Chair: Edward Bergman

Steiner, M. *Do Clusters Think? Institutional Perspectives of Knowledge Networks (19)*

Cooke, P. *Theorising Regional Knowledge Capabilities: Economic Geography Under 'Open Innovation'. (1)*

Buesa, M., Martínez-Pellitero, M., Baumert, T. and Heijts, J. *Novel Applications of Existing Econometric Instruments to Analyse Regional Innovation Systems. The Spanish Case (138)*

Room 2: **Session 5 - Growth and Regional Convergence (E2)**

Chair: Ayda Eraydin

Kilicaslan, Y. and Ozatagan, G. *Questioning the Growth Performances of Regions in Turkey: To What Extent are Regional Differences Narrowing for 1987-2000? (39)*

Fiaschi, D. and Lavezzi, A. *Growth and Convergence Across European Regions: An Empirical Investigation (125)*

Di Liberto, A., Mura, R. and Pigliaru, F. *How to Measure the Unobservable: a Panel Technique for the Analysis of TFP Convergence (27)*

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Room 3: Session 6 - Economic Development, Innovation and Regional Policy (F2)

Chair: Prof. Atila Varga

Beran, V. and Dlask, P. *Decision Making and Regional Development* (16)

Gašparíková, J., Nemcová, E., and Páleník, M. *Regional Differentiation of Industrial Capacity in Slovak Republic* (92)

Raspe, O. and van Oort, F. *Mapping the Dutch Knowledge Economy - Extending the Regional Innovation Policy Debate in the Netherlands* (59)

16:30-16:45 Coffee Break (Close to the Reception Desk)

16:45-18:15 Parallel Sessions

Room 1: Session 7- Regional Innovation Systems and Innovation Clusters (C3)

Chair: Mark Lehrer

Molina Morales, X. and Martínez Fernández, T. *Over-embeddedness and Under-exploration Issues in Cohesive Networks. An Application to the Territorial Clusters* (25)

Eraydm, A. *The role of SME clusters on Regional Economic Growth and Innovation* (129)

Spilling, O. and Rosenberg, O. *Technology Regimes, Innovation Systems and Evolution of the Telecommunication Sector: the Case of Norway* (74)

Room 2: Session 8 – Human Capital and Education (H1)

Chair: Enrique López-Bazo

Di Liberto, A. *Convergence Clubs and the Role of Human Capital in Spanish Regional Growth* (51)

Gråsjö, U. *Accessibility to R&D and Patent Production* (131)

López-Bazo, E. and Moreno, R. *Human Capital and Regional Economic Growth. Evidence from the Dual Approach* (141)

Room 3: Session 9 - Economic Development, Innovation and Regional Policy (F3)

Chair: Riccardo Crescenzi

Horvat, J. and Verner, J. *Determinants of Customer-Perceived Service Quality as a Major Role for Economic Development* (68)

Kouloumis, E. *Regional Innovation Systems: Hard vs. Soft Inputs for Promoting Innovation in SME. The Case of Cyprus* (86)



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Santamaría Sánchez, L., Bargé Gil, A., and Modrego Rico, A. *Which Factors Underlie Public Selection of R&D Cooperative Projects? (113)*

18:15- 20:15 MC Meeting (Reception Room)

only for MC COST members

Friday, 10th June 2005

09:00-10:30 Parallel Sessions

Room 1: Session 10 - Regional Innovation Systems and Innovation Clusters (C4)

Chair: F. Xavier Molina

Lehrer, M. *Science-driven vs. Market-pioneering High Tech: Comparative German Technology Sectors in the Late 19th and Late 20th Century and Consequences for Economic Geography (66)*

Engen, O., Olsen, O., and Rosenlund, L. *Stability and Change: Technology & Knowledge Networks in the Norwegian Supplier Industry (88)*

Room 2: Session 11 – Knowledge Externalities and Agglomeration Economies (D1)

Chair: Marco Vannini

Moreno, R., Paci, R., and Usai, S. *Innovation Clusters in European Regions (75)*

Maggioni, M. and Uberti, E. *Knowledge Flows and Regional Disparities in Europe: Geographic, Functional and Sectoral Distance (93)*

Autant-Bernard, C. and Massard, N. *Pecuniary and Knowledge Externalities as Agglomeration Forces: Empirical Evidence from Individual French Data (98)*

Room 3: Session 12 - Firms, Innovation and Location Decisions (A1)

Chair: Javier Revilla-Diez

Santangelo, G.D. *FDI and Localized Spillovers in Peripheral Areas: The Role of Location Motives and Market Relationships in Etna Valley (65)*

Taylor, R. and Morone, P. *Knowledge, Innovation and Economic Geography (48)*

Audretsch, D. and Dohse, D. *The Impact of Location on Firm Growth (32)*

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10:30-11:30 Round Table (Aula Magna)

Chair: Rosina Moreno

INDUSTRIAL POLICY: THE ROLE OF R&D

Prof. María Callejón, DG SMEs Policy of the Industry, Tourism and Commerce of the Spanish Government

Prof. Maria Teresa Costa, Industry and Energy Secretariat of Labour and Industry Department of the *Generalitat* of Catalonia

Prof. Pavlopoulos DG Enterprise and Industry Unit of the European Commission

11:30-12:00 Coffee Break (Close to the Reception Desk)

12:00-13:30 Plenary Session (Aula Magna)

Chair: Raffaele Paci

Prof. Gianmarco Ottaviano (University of Bologna)

REGIONAL CONVERGENCE: THE NEW ECONOMIC GEOGRAPHY PERSPECTIVE

13:30-15:00 Lunch (Close to the Reception Desk)

15:00-16:30 Parallel Sessions

Room 1: **Session 13 - Information and Communication Technologies (ICT's) (I1)**

Chair: Flora Bellone

Vicente, J. and Suire, R. *Observational vs. Interactive Learning in Locational Choice : Evidences on "ICT Clusters" Formation and Stability (44)*

Atzeni, G. and Carboni, O. *ICT Productivity and Firm Propensity to Innovative Investment: Evidence from Italian Micro Data (90)*

Room 2: **Session 14 - Knowledge Externalities and Agglomeration Economies (D2)**

Chair: Raffaele Paci

Trullén, J. and Boix, R. *Knowledge, Networks of Cities and Growth in Regional Urban Systems (14)*

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Kipnis, B. *Spatial Concentration, Economic Elite, and Knowledge-based Economy: The Case of Metropolitan Tel Aviv* (33)

van Oort, F. and Raspe, O. *The Knowledge Economy and Urban Economic Development in the Netherlands* (60)

Room 3: **Session 15 - Firms, Innovation and Location Decisions (A2)**

Chair: David Doloreux

Pretterhofer, U. and Schrittwieser, W. *Interregional SME Cooperation: A Project Description* (38)

Capó, J., Expósito, M., and Masiá, E. *Inter-organizational Networks and Knowledge Management in SMEs. A Case Study in Spain* (50)

Federici, A. *What Kind of Relationship Between Firm Size and Innovation? The Case of Lazio's High Tech Micro, Small and Medium Enterprises* (101)

16:30-16:45 Coffee Break (Close to the Reception Desk)

16:45-18:15 Parallel Sessions

Room 1: **Session 16 - Information and Communication Technologies (ICT's) (I2)**

Chair: Jerome Vicente

Bellone, F. *ICT Adoption, Industrial Structure, and Agglomeration Economies: Implications for the Growth Prospects of Peripheral Regions* (109)

Martinelli, M., Serrecchia, I., and Serrecchia, M. *Internet Diffusion in Italy Among Individuals Using Domain Names* (122)

Room 2: **Session 17 - Knowledge Externalities and Agglomeration Economies (D3)**

Chair: Stefano Usai

Blien, U., Suedekum, J., and Wolf, K. *Local Employment Growth in West Germany: A Dynamic Panel Approach* (127)

Fingleton, B., Iglioni, D., and Moore, B. *Cluster Dynamics: New Evidence and Projections for Computing Services in Great Britain* (147)

Feser, E. and Isserman, A. *An Analysis of County Spatial Growth Diffusion: Preliminary Findings* (0)



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Room 3: Session 18 - Public Research Centers and Innovation (B1)

Chair: P. Hendrik Pellenbarg

Pellenbarg, P. *How to Calculate the Impact of a University on the Regional Economy. A Case Study of the University of Groningen, The Netherlands (15)*

Woodward, D., Figueiredo, O., and Guimaraes, P. *Beyond the Silicon Valley: University R&D, and High Technology Location (11)*

Azagra-Caro, J. *The Regional Dimension of University-Industry Interaction (95)*

20:00 Official dinner (Palau de Pedralbes)
Distinguished personality from Department of Economics and Finance of the
Generalitat of Catalunya

Saturday, 11th June 2005

09:00-11:30 Parallel Sessions

Room 1: Session 19 - Firms, Innovation and Location Decisions (A3)

Chair: Edward Feser

Koch, A. and Strotmann, H. *Determinants of Innovative Activity in Newly Founded KIBS* (26)

Rubiera Morollón, F., Pardos, E., and Gómez Loscos, A. *An Analysis of Knowledge Intensive Business Services (KIBS) Demand in a Regional Economy: Outsourcing Patterns of Aragonese Firms* (30)

Castany, L., López-Bazo, E., and Moreno, R. *Differences in Total Factor Productivity Across Firm Size. A Distributional Analysis* (80)

Plattner, M. *Impact of Product Related Services on the Mobility of Industrial Locations in Global Value Networks - A Conjoint - Analytical Approach of Locational Preferences* (123)

Ortega-Argilés, R., Moreno, R., and Suriñach, J. *Firm Competitive Strategies and the Likelihood of Survival. The Spanish Case* (128)

Room 2: Session 20 - Public Research Centers and Innovation (B2)

Chair: Henk Folmer

Schmidt, T. *Knowledge Flows and R&D Cooperation: Firm - level Evidence from Germany* (100)

Morone, P., Sisto, R., and Taylor, R. *What Lies Beyond Geographical Proximity: An Investigation Into Multirelational Networks* (49)

Liefner, I. *Knowledge Sources and Regional Learning in Shanghai* (81)

Rosenfeld, M. and Roth, D. *The Impact of Public Research Units on Regional Innovation Processes and Regional Economic Development - A Case Study on the Role of Distance for Knowledge Transfers* (144)

Room 3: Session 21 - Labour Market and Human Movements (G1)

Chair: Rosina Moreno

Riggi, M. and Maggioni, M. *Migration Flows and Clusters' Evolution: The Role of Skilled Workers* (114)

Haas, A. and Rothe, T. *Labour Market Dynamics from a Regional Perspective: The Multi-account System* (116)

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Vilalta i Bufi, M. *Knowledge Spillovers and Labor Mobility* (146)

Navarro-Díaz, C. *Economic Advancement or Social Exclusion? Less-Educated Workers and Costs of Living in High-Tech Regions* (72)

Snieska, V. and Kvainauskaite, V. *Factors of Regional Labour Market Dynamics in Transition Economies (Lithuania's case)* (83)

11:30-12:00 Coffee Break (Close to the Reception Desk)

12:00-13:00 Plenary Session (Aula Magna)

Chair: Henk Folmer

Prof. Philip McCann (The University of Reading Business School)

INDUSTRIAL CLUSTERING, INNOVATION AND REGIONAL GROWTH

13:00-13:30 Closing Ceremony (Aula Magna)

Prof. Jordi Suriñach. Chairman of COST A-17, Small and Medium Enterprises, Economic Development and Convergence Regional in Europe

Prof. Henk Folmer. Vice-Chair of COST A-17. Wageningen University (The Netherlands)

13:30-15:00 Lunch (Close to the Reception Desk)
