



**Workshop on “Innovation, Employment, and Economic Growth”**  
**University of Bologna, Faculty of Statistics and Department of Economics**  
**28 and 29 November 2003**

The workshop is part of a research project sponsored by the Italian MIUR (Year 2001; protocol #133591\_2; project leader: Enrico Santarelli), aimed at exploring, from both a theoretical and an empirical viewpoint, the innovation/employment and innovation/growth relationship. The papers presented will provide an overview of the main methodologies and empirical findings, discussing the impact of innovation on the economic performance of firms and countries and providing suggestions for industrial, innovation, and labour policy.

**Program**

Friday, 28 November 2003 – University of Bologna, [Faculty of Statistics](#) (Room I) -  
Via delle Belle Arti, 41

h. 10:45

**Chair: Enrico Santarelli**

**Welcome address:** Franco Tassinari - Dean of the Faculty of Statistics

1) **Mario Pianta**, *Innovation and Employment*;

Discussant: **A. Roy Thurik**.

2) **Jacques Mairesse**, *Innovation and Productivity: a Presentation and Some Comments on On Going Line of Research*;

Discussant: **Marco Vivarelli**

3) **Paolo Manasse** and L. Stanca, *Working on the Train? Wages, Trade and Technology in Italian Manufacturing*;

Discussant: **Alfred Kleinknecht**.

4) Z. Acs, **David B. Audretsch**, **Pontus Braunerhjelm** and B. Carlsson, *The Missing Link: The Knowledge Filter and Entrepreneurship in Endogenous Growth*;

Discussant: **Isabel Grilo**.

**Lunch 13:30 (Room III)**

h. 15:00

**Chair: Jacques Mairesse**

1) D. B. Audretsch, M. A. Carree and **A. Roy Thurik**, *Does Self-employment Reduce Unemployment?*;

Discussant: **Enrico Santarelli**.

2) **Alfred Kleinknecht**, *The Job Creation Miracle in the Netherlands: What can Others Learn?*;

Discussant: **Jacques Mairesse**.

3) **Mariacristina Piva**, E. Santarelli and M. Vivarelli, *The Skill-bias Effect of Technological and Organisational Change: Evidence and Policy Implications*;

Discussant: **Massimo G. Colombo**.

4) **Isabel Grilo**, *Entrepreneurship in the EU: To Wish or Not to Be?*;

Discussant: **Salvatore Torrasi**.

h. 20:00 Dinner

Saturday, 29 November 2003 – University of Bologna, Department of Economics  
(Seminar Room) - Strada Maggiore, 45

h.9:30

Chair: A. Roy Thurik

1) G. Barba Navaretti and **Davide Castellani**, *Does Investing Abroad Affect Performance at Home? Comparing Italian Multinational and National Enterprises*;

Discussant: **Grazia D. Santangelo**.

2) **Riccardo Lucchetti**, S. Staffolani and **Alessandro Sterlacchini**, *Computers, Wages and Working Hours in Italy*;

Discussant: **Davide Castellani**.

3) M. L. Parisi, F. Schiantarelli and **Alessandro Sembenelli**, *Productivity, Innovation Creation and Absorption, and R&D: Micro Evidence for Italy*;

Discussant: **Claudio A. Piga**.

4) M. Frenz, C. Girandone and **Grazia Ietto-Gillies**, *Multinationality and Innovation. An Analysis of the Community Innovation Survey 2 for the UK Financial Services*;

Discussant: **Mario Pianta**.

**12:30 Lunch**

14:00

Chair: Alfred Kleinknecht

1) G. Medda, **Claudio A. Piga**, D. Siegel, *On the Relationship between R&D and Productivity: A Treatment Effect Analysis*;

Discussant: **Riccardo Lucchetti**.

2) P. Pini and **Grazia D. Santangelo**, *Innovation and Labour Organisation: A Comparison of Foreign and Domestic Firms in the Reggio Emilia Industrial District*;

Discussant: **Mariacristina Piva**.

3) G. Cainelli, R. Evangelista and **Maria Savona**, *Innovation and Economic Performance in Services. A Firm Level Analysis*;

Discussant: **Alessandro Sembenelli**.

4) M. Giarratana and **Salvatore Torrisci**, *Emerging Clusters in the International Production of Software: Technology, Brand Building and International Linkages*.

Discussant: **Maria Savona**.

## Participants

**David B. Audretsch**, Institute for Development Strategies, Indiana University  
**Giorgio Barba Navaretti**, Università di Milano, Dipartimento di Economia Politica e Aziendale.  
**Pontus Braunerhjelm**, SNS- Center for Business and Policy Studies, Stockholm  
**Davide Castellani**, Università di Urbino, Istituto di Scienze Economiche.  
**Laura Chies**, Università di Trieste, Dipartimento di Scienze Economiche e Statistiche.  
**Massimo G. Colombo**, Politecnico di Milano, Dipartimento di Ingegneria Gestionale.  
**Grazia Ietto-Gillies**, South Bank University Business School.  
**Isabel Grilo**, European Commission, Enterprise Directorate-General.  
**Alfred Kleinknecht**, TU Delft – Faculty of Technology, Policy and Management.  
**Riccardo Lucchetti**, Università Politecnica delle Marche, Dipartimento di Economia.  
**Jacques Mairesse**, INSEE – Centre de Recherche en Economie et Statistique, and NBER.  
**Paolo Manasse**, Università di Bologna, Dipartimento di Scienze Economiche  
**Claudio A. Piga**, Nottingham University Business School.  
**Mario Pianta**, Università di Urbino, Istituto di Scienze Economiche.  
**Mariacristina Piva**, Università Cattolica di Piacenza, Dipartimento di Scienze Economiche e Sociali  
**Maria Savona**, SPRU, University of Sussex.  
**Grazia D. Santangelo**, Università di Catania, Dipartimento di Analisi dei Processi Politici, Sociali e Istituzionali.  
**Enrico Santarelli**, Università di Bologna, Dipartimento di Scienze Economiche.  
**Alessandro Sembenelli** Università di Torino, Dipartimento di Scienze Economiche e Finanziarie “G. Prato”.  
**Alessandro Sterlacchini**, Università Politecnica delle Marche, Dipartimento di Management e Organizzazione Industriale.  
**Salvatore Torrìsi**, Università di Camerino, Dipartimento di Scienze Giuridiche e Politiche.  
**A. Roy Thurik**, Centre for Advanced Small Business Economics (CASBEC), and Tinbergen Institute at Erasmus University Rotterdam.  
**Marco Vivarelli**, Università Cattolica di Piacenza, Dipartimento di Scienze Economiche e Sociali.  
**Antonello Zanfei**, Università di Urbino, Istituto di Scienze Economiche.