## The Governance of a Complex World 18-20 June 2014

http://gcw2014.sciencesconf.org

## Smart, Sustainable and Inclusive Growth

Final conference of the PICK-ME project

Venue:

Campus Luigi Einaudi (CLE) Lungo Dora Siena 100, Turin (Italy)















	Wednesday 18 of June 2014	ROOMS
14.00- 16.00	Registration to the conference	BLOCCO D1
16.00- 16.30	Opening - Welcome address - Cristiano Antonelli (University of Torino, Italy), Jackie Krafft (GREDEG, CNRS and University of Nice)	AULA MAGNA
16.30- 17.30 17.30- 18.30	Keynote lecture 1 – <b>David Audretsch</b> (Indiana University, USA) Chariman and Discussant: Marco Vivarelli (Università Cattolica del Sacro Cuore, Italy)  Keynote lecture 2 – <b>Jeroen van den Bergh</b> (ICREA, Univ. Autònoma de Barcelona, and VU University Amsterdam)	AULA MAGNA
18.30- 19.30	Chairman and Discussant: Massimiliano Mazzanti (University of Ferrara, Italy)  Welcome reception	BLOCCO D1
	Thursday 19 of June 2014	
09.00- 11.00	Parallel sessions 1	CONFERENCE ROOMS
	Parallel Session 1.1 – Firm age and performance  Chair. Giulio Bottazzi  1. Firm Age, Financial Constraints and Firm Productivity. New evidence from a panel of Italian manufacturing firms M. Molinari  2. Processes of ageing among firms: a survey A. Coad  3. Small, young, and early exporters: New evidence on the determinants of firm growth M. Grazzi, D. Moschella	ROOM A3
	Parallel Session 1.2 - Knowledge flows and innovation  Chair: Albert Jolink  1. Are knowledge flows all alike? Evidence from European regions F. Quatraro, S. Usai  2. European Integration and Knowledge Flows across European Regions R. Cappelli, F. Montobbio  3. Localization externalities in the United States G. Bottazzi, U. Gragnolati  4. Knowledge externalities and the cost of knowledge C. Antonelli, A. Colombelli	ROOM A2

	Parallel Session 1.3 – Knowledge, innovation and start-ups	
	Chair: David Audretsch	
	<ol> <li>Innovative startups in Italy: insights from the Knowledge Spillover Theory of Entrepreneurship</li> <li>C. Rossi-Lamastra, M. Guerini, N. Ghio</li> </ol>	
	<ol> <li>Innovative startups and local knowledge base: Evidence from Italian NUTS 3 regions</li> <li>A. Colombelli</li> </ol>	ROOM B1
	<ol> <li>Revisiting the role of Incubators during Fiscal Austerity Times: The Case of PSP, Greece.</li> <li>A. Gkypali, V. Kokkinos, C. Bouras, K. Tsekouras</li> </ol>	
	<ol> <li>The Impact of the University Context on the Creation of Academic Spin-Offs: Lack of Academic Job Opportunities and Administrative Inadequacy</li> <li>M. Meoli, S. Vismara</li> </ol>	
	Parallel Session 1.4 - Policy and eco-Innovation (I)	
	Chair : Fernando Diaz Lopez	
	<ol> <li>Waste performances, waste technology and policy effects</li> <li>D. Antonioli, D. Biolcati Rinaldi, M. Mazzanti, F. Nicolli</li> </ol>	ROOM A1
	<ol> <li>Policy complexity and the green transformation of the economies: the role of transition systems</li> <li>F. Crespi</li> </ol>	
	<ol> <li>Diversely moving towards the green economy. CO2 abating techno-organisational trajectories and environmental policy in EU sectors M. Mazzanti, U. Rizzo</li> </ol>	
	Parallel Session 1.5 – Smart, sustainable and Inclusive growth	
	Chair: Mike Dietrich	
	<ol> <li>Innovation, structural change and demand evolution: Does demand saturate?</li> <li>A. Pyka, P.P. Saviotti</li> </ol>	
	<ol> <li>Meeting the Challenges of the EU-2020 Agenda A Fitness Check for the EU Countries regarding their Future-Orientation</li> <li>H. Hanusch, Y. Hara</li> </ol>	ROOM D1
	<ol> <li>Transferred price and the productive services sector as the key precondition to sustainable growth</li> <li>P. Wawrosz, R. Valencik</li> </ol>	
	<ol> <li>Inclusive Growth Strategies for Pakistan (Revisited) - A Myth or Reality for Pakistan</li> <li>Atif, S. Mohazzam</li> </ol>	
11.00- 11.30	Coffee break	BLOCCO D1
11.30- 12.30	Keynote lecture 3 – <b>Luciano Pietronero</b> (U. of Roma La Sapienza, Italy Chariman and Discussant: Cristiano Antonelli (University of Torino, Italy)	AULA MAGNA
12.30- 14.00	Lunch	BLOCCO D1

14.00- 16.00	Parallel sessions 2	CONFERENCE ROOMS
	Parallel Session 2.1 – Firm age and innovation	
	Chair: Alex Coad	ROOM A2
	<ol> <li>Firm age and the probability of product innovation. Do CEO tenure and product tenure matter?</li> <li>M. Cucculelli</li> </ol>	
	<ul><li>Obstacles to innovation: can firm' age help attenuating them?</li><li>G. Pellegrino</li></ul>	
	<ol> <li>Corporate Governance, age and innovation: insights on the corporate lifecycle</li> <li>S. Bianchini, J. Krafft, F. Quatraro</li> </ol>	
	Parallel Session 2.2 – Network and geography	
	Chair: Pier Paolo Saviotti	
	<ol> <li>Global Virtual Water Trade: Integrating Structural Decomposition Analysis with Network Theory. A case study from 1995 to 2009.</li> <li>T. Di Stefano, G. Marin, M. Riccaboni</li> </ol>	ROOM A3
	<ol> <li>Communities of inventors and knowledge flows: Transcending social and geographic distances</li> <li>B. Sanditov</li> </ol>	NOOW AS
	<ol> <li>How network influences regional innovation</li> <li>M. Coffano, D. Foray, M. Pezzoni</li> </ol>	
	Parallel Session 2.3 – Financing innovation and startups	
	Chair: Marco Vivarelli	
	<ol> <li>Angel financing and the performance of high-tech start-ups</li> <li>Ughetto, A. Croce, M. Guerini, F. Tenca</li> </ol>	ROOM A1
	<ol> <li>Financing constraints and young technology-oriented firms: Results from a survey</li> <li>W. Hoelzl, A. Reinstaller</li> </ol>	NOOW AT
	<ol> <li>Innovation by Combination: Start-up Alliances and the Impact of Venture Capital</li> <li>A. Jolink</li> </ol>	
	Parallel Session 2.4 – Regions, sectors and eco-innovation	
	Chair: Nicoletta Corrocher	
	<ol> <li>Home green home. Unveiling eco-innovation in energy efficient appliances.</li> <li>N. Barbieri, V. Costantini, F. Crespi, A. Palma</li> </ol>	
	<ol> <li>Value creation and value capture in smart grid services? A literature review and an analysis of smart grid pilot projects</li> <li>E. Niesten, F. Alkemade, C. Wolfert</li> </ol>	ROOM B1
	<ol> <li>Is green knowledge improving environmental performances? Sectoral Evidence from Italian Regions</li> <li>C. Ghisetti, F. Quatraro</li> </ol>	
	<ol> <li>Calculation of Emission Multipliers in Italy, Spain and Germany (1995-2009) An Environmental Input Output Analysis</li> <li>M. Deldoost, M. Mazzanti, G. Marin</li> </ol>	

16.00- 16.30	Coffee break	BLOCCO D1
16.30- 18.30	Parallel sessions 3	CONFERENCE ROOMS
	Parallel Session 3.1 – Country analyses of growth and development	
	Chair: Mike Dietrich	
	<ol> <li>A Decline in the Quality of Jobs? A cross-sectional and longitudinal study of work organisation in European nations J.R. Holm, E. Lorenz</li> </ol>	
	<ol> <li>Reconciling Schumpeter and Georgescu-Roegen - Entropy in a Schumpeterian Model of Growth</li> <li>A. Alcouffe, S. Ferrari, T. Kuhn,</li> </ol>	ROOM A3
	<ol> <li>The effect of SME productivity increases on large firm productivity in the EU-27</li> <li>N. De Vries, A. van Stel, J.de Kok</li> </ol>	
	4. Specialization Patterns Through Biased Technological Change R. <b>Kataishi</b>	
	Parallel Session 3.2 - Geography, innovation and firm performance	
	Chair: Fabio Montobbio	
	<ol> <li>R&amp;D, productivity and spatial proximity at firm level: evidence from Italy</li> <li>P. Cardamone</li> </ol>	ROOM A2
	<ol> <li>Fly to learn: interregional integration and firms' innovative productivity</li> <li>G. Burghouwt, S. Baruffaldi</li> </ol>	
	<ol> <li>Investigating the impact of small versus large firms on economic performance of countries and industries</li> <li>J. Albiol, A. Stel</li> </ol>	
	Parallel Session 3.3 – Founders' characteristics and start-ups	
	Chair: Werner Hoelzl	
	<ol> <li>The characteristics of founders and public support for new technology based firms</li> <li>F. Rojas, E. Huergo</li> </ol>	
	<ol> <li>Entrepreneurial teams' characteristics and founders' exit paths: Sales of shares to internal vs. external buyers</li> <li>E. Piva, C. Rossi-Lamastra</li> </ol>	ROOM A1
	<ol> <li>The effect of age on entrepreneurial cognition: a lifespan psychology approach</li> <li>T. Minola</li> </ol>	
	<ol> <li>Innovative start-up performance and the role of human, social and organizational capital: evidence from Italy</li> <li>A. Colombelli, M. Molino</li> </ol>	

	<ol> <li>Parallel Session 3.4 – Firms and the environment (I)</li> <li>Chair: Christian Le Bas</li> <li>Towards green growth - the influence of European product policy on innovation         S. Braungardt, S. Discher</li> <li>Financial constraints and eco-innovation: An empirical analysis on Small and Medium European companies         G. Cecere, N. Corrocher, M.L. Mancusi</li> <li>Do financial constraints make the environment worse off? Understanding the effects of financial barriers on environmental innovations         C. Ghisetti, M. Mazzanti, M. Zoli, S. Mancinelli</li> </ol>	ROOM B1
20.00-	Conference dinner – Società Canottieri Caprera	
	Friday 20 of June 2014	
09.00- 11.00	Parallel sessions 4	CONFERENCE ROOMS
	<ol> <li>Parallel Session 4.1 – Firm performance analyses</li> <li>Chair: Francesco Quatraro         <ol> <li>What does (or does not) determine persistent corporate high growth?</li> <li>Bianchini, G. Bottazzi, F. Tamagni</li> </ol> </li> <li>Public support for New Technology-Based Firms. Does it encourage employment? Spanish experience</li></ol>	ROOM A2
	Parallel Session 4.2 – Firm performance and innovation  Chair: Jackie Krafft  1. Innovation Strategies and Firm Growth: New Longitudinal Evidence from Spanish Firms S. Bianchini, G. Pellegrino, F. Tamagni  2. Business model design & lean startup approach: a liaison between strategy and entrepreneurship A. Ghezzi, A. Cavallaro, A. Rangone  3. Do innovative inputs lead to different innovative outputs in mature and young firms? G. Pellegrino, M. Piva	ROOM A1

	ROOM A3
<ol> <li>ICT and Environmental Innovations in a Complementary Fashion. Is the joint adoption by firms economically visible?</li> <li>D. Antonioli, G. Cecere, M. Mazzanti</li> </ol>	
<ol> <li>The technological contribution to cleaner energy of the world's largest firms: what tell us patent data.</li> <li>C. Le Bas</li> </ol>	
<ol> <li>Analysing barriers to eco-innovation: The case of the LED sector</li> <li>Gossart</li> </ol>	
Parallel Session 4.4 – Country level analyses of eco-innovations	
Chair : Davide Antonioli	
<ol> <li>Inclusive and sustainable growth: lessons and challenges from South Africa</li> <li>Ravetti</li> </ol>	ROOM B1
<ol> <li>Incentives and barriers to eco-innovation in Mexico</li> <li>F. Diaz Lopez, D. Rivera Delgado, D. Villavicencio</li> </ol>	ROOM BI
Determinants of eco-innovations. The evidence from Poland     M. Marczewska	
Coffee break	BLOCCO D1
Keynote lecture 4 – <b>Mario Pianta</b> (U. of Urbino, Italy) Chairman and discussant: Pier Paolo Saviotti (INRA-GAEI, Grenoble)	AULA MAGNA
Lunch	BLOCCO D1
Parallel sessions 5	CONFERENCE ROOMS
Parallel Session 5.1 - Policy and eco-innovation (II)	
Chair: Alessio D'Amato	
<ol> <li>Carbon abatement, sector heterogeneity and policy responses: evidence on induced eco innovations in the EU</li> <li>S. Borghesi, F. Crespi, A. D'Amato, M. Mazzanti, F. Silvestri</li> </ol>	
Environmental certifications and innovation in European firms     F. Montobbio, I. Solito	ROOM A3
<ol> <li>Policy coordination and the integration of renewable energy ? A three country case study</li> <li>K. Friesenbichler</li> </ol>	
<ol> <li>From outsourcing to productivity, passing through training: microeconometric evidence from Italy</li> <li>R. Antonietti</li> </ol>	
	2. The technological contribution to cleaner energy of the world's largest firms; what tell us patent data. C. Le Bas 3. Analysing barriers to eco-innovation: The case of the LED sector C. Gossart  Parallel Session 4.4 – Country level analyses of eco-innovations  Chair: Davide Antonioli 1. Inclusive and sustainable growth: lessons and challenges from South Africa C. Ravetti 2. Incentives and barriers to eco-innovation in Mexico F. Diaz Lopez, D. Rivera Delgado, D. Villavicencio 3. Determinants of eco-innovations. The evidence from Poland M. Marczewska  Coffee break  Keynote lecture 4 – Mario Pianta (U. of Urbino, Italy) Chairman and discussant: Pier Paolo Saviotti (INRA-GAEI, Grenoble)  Lunch  Parallel Session 5.1 - Policy and eco-innovation (II) Chair: Alessio D'Amato 1. Carbon abatement, sector heterogeneity and policy responses: evidence on induced eco innovations in the EU S. Borghesi, F. Crespi, A. D'Amato, M. Mazzanti, F. Silvestri 2. Environmental certifications and innovation in European firms F. Montobbio, I. Solito 3. Policy coordination and the integration of renewable energy ? A three country case study K. Friesenbichler 4. From outsourcing to productivity, passing through training: microeconometric evidence from Italy

	Parallel Session 5.2 - Global innovation and production patterns	
	Chair : Stefano Usai	
	<ol> <li>R&amp;D, innovation and international performance A model and a test on European industries</li> <li>D. Guarascio</li> </ol>	
	<ol> <li>Determinants of innovative solo self-employment: a regional approach</li> <li>N. De Vries, S. Koster</li> </ol>	ROOM A1
	3. Knowledge Base, Exporting Activities, Innovation Openness and Innovation Performance: A SEM approach towards a unifying framework S. Arvanitis, A. <b>Gkypali</b> , K. Tsekouras	
	<ol> <li>The cost of knowledge and productivity dynamics: An empirical investigation on a panel of OECD countries</li> <li>C. Antonelli, A. Gehringer</li> </ol>	
	Parallel Session 5.2 – Geography and green innovation	
	Chair: Francesco Quatraro	
	<ol> <li>Regional pathways of smart specialization: the case of wind energy in Spain</li> <li>C. Matti, D. Consoli</li> </ol>	
	<ol> <li>Windfall Gains or Eco-Innovation? Green' Evolution in the Swedish Innovation System</li> <li>M. Range, M. Sandberg</li> </ol>	ROOM A2
	<ol> <li>The geography of green inventions and greenhouse gas emission dynamics-A closer look on provincial Italian data W. Ding, M. Mazzanti, F. Nicolli</li> </ol>	
	<ol> <li>Environmental innovations and firm's boundaries: evidence from two ecological industries in NorthEast Italy</li> <li>R. Leoncini, S. Montresor, F. Rentocchini</li> </ol>	
16.00- 16.30	Coffee break	MAIN HALL
16.30- 17.30	Keynote lecture 5 – <b>Gabriel Yoguel</b> (National University of General Sarmiento (UNGS), Argentina)  Chairman and Discussant : Stan Metcalfe End of the conference	ROOM A1