

**IWcee15 - International Workshop on Computational Economics and Econometrics**  
*The Complexity of Economics and the Economics of Complexity*

<b>Day 1 – May 28, 2015</b>		<b>Plenary Session (room: Aula 1, chairman: K. Baum)</b>	
9.00-9.30	<b>Welcome address</b>		
9.30-10.30	“Simple bounds for complex processes”, by prof. <b>Andrew Chesher</b> , <i>Dept. of Economics, University College London</i>		
<b>Parallel Sessions</b>			
<b>Economics 1 (room: Aula 1, chairman: K. Baum)</b>		<b>Networks 1 (room: Issirfa, chairman: G. Ferraro)</b>	
<b>10.30-11.00</b>	<b>Coffee break</b>		<b>Coffee break</b>
11.00-11.30	<b>B. Demeshev</b> , A. Tikhonova, <i>Default Prediction for Small-Medium Enterprises: Evidence from Russia</i>		E. Gaffeo, <b>M. Molinari</b> , <i>Interbank operations among cooperative banks: a network approach</i>
11.30-12.00	<b>A. Ilbeigi</b> , R. Gabriele, E. Zaninotto, <i>Research and Development (R&amp;D) Policy Model</i>		A. V. Korolev, <b>V. Matveenko</b> , <i>Equilibria in a Network Game with Production and Knowledge Externalities</i>
12.00-12.30	<b>G. Capone</b> , M., Malerba, L. Orsenigo, <i>Spinoffs in contexts: entry and performance across industries</i>		A. Iovanella, G. Ferraro, <b>G. Pratesi</b> , <i>Nodes’ characteristics, intensity of dyads and their influence on inter-organizational innovation networks</i>
12.30-13.00	A. Zaccaria, L. Napolitano, L. Pietronero, <b>E. Pugliese</b> , <i>Firms’ Complexity: Technological Scope, Coherence and Performance</i>		C. Lupi, <b>C. Roy</b> , <i>Consistent Risk Acceptance Criteria through Networks</i>
<b>13.30-14.30</b>	<b>Lunch</b>		<b>Lunch</b>

Parallel Sessions		
	<b>Economics 2</b> (room: <b>Aula 1</b> , chairman: <b>L. Morettini</b> )	<b>Agent-based models</b> (room: <b>Issirfa</b> , chairman: <b>A. Roventini</b> )
14.30-15.00	<b>R. Balmer</b> , <i>Entry and Competition in Local Newspaper Retail Markets: When two are enough</i>	M. Duenser, S. Martin, <b>M. Paier</b> , T. Scherngell, <i>Knowledge bases evolving under policy scenarios: An empirical agent-based simulation of Austrian biotechnology</i>
15.00-15.30	<b>N. Mathew</b> , Giovanni Dosi, Marco Grazzi, <i>Learning as a non-magical process: Evidence from Indian manufacturing</i>	M. Odifreddi, <b>L. Sella</b> , Identifying labour policy implications: an agent-based model with endogenous matching
15.30-16.00	G. Cimini, <b>A. Gabrielli</b> , F. Sylos Labini, <i>The Scientific Competitiveness of Nations</i>	<b>F. Andreottola</b> , S. Capasso, L. Guadalupi, <i>The joining between input-output approach and agent-based modeling: measuring the impact of tourism in Campania</i>
16.00-16.30	<b>R. Balmer</b> , <i>Competition and market strategies in the Swiss fixed telephony market</i>	P. Angelini, F. Cecconi, <b>G. Cerulli</b> , A. Miceli, <i>R&amp;D simulab: an R&amp;D policy simulator in a network economy</i>
16.30-17.00	<b>Coffee break</b>	<b>Coffee break</b>
<b>Plenary Session</b> (room: <b>Aula 1</b> , chairman: <b>A. Chesher</b> )		
17.00-18.00	<b>"New Metrics for Economic Complexity"</b> , by prof. <b>Luciano Pietronero</b> , <i>Dept. of Physics, Sapienza University of Rome</i>	
20.30	<b>Social dinner</b>	
<b>Day 2 – May 29, 2015</b>		
<b>Plenary Session</b> (room: <b>Aula 1</b> , chairman: <b>L. Pietronero</b> )		
9.00-10.00	<b>"A policy-friendly model of endogenous growth and business cycles"</b> , by prof. <b>Andrea Roventini</b> , <i>Sant'Anna School of Advanced Studies</i>	

Parallel Sessions		
	<b>Economics 3</b> (room: <b>Aula 1</b> , chairman: <b>B. Potì</b> )	<b>Econometrics</b> (room: <b>Issirfa</b> , chairman: <b>A. Chesher</b> )
10.00-10.30	<b>M. Catalano</b> , C. Di Guilmi, <i>Dynamic Stochastic Generalised Aggregation in a Multisectoral Macroeconomic Model</i>	<b>R. Grant</b> , R. Hood, <i>Inference in complex systems</i>
10.30-11.00	<b>E. Guglielminetti</b> , M. Morteza pouraghdam, <i>Labor Market Volatility and Macroeconomic Shocks</i>	<b>B. Rodrigues</b> , <i>Monte Carlo study of discrete-continuous choice models: a comparison of maximum likelihood estimation and Bayesian estimation</i>
<b>11.00-11.30</b>	<b>Coffee break</b>	<b>Coffee break</b>
11.30-12.00	<b>T. Distefano</b> , S. Kelly, <i>Are we in deep water? Water scarcity and its limits to economic growth</i>	<b>S. Mestiri</b> , A. Farhat, <i>Credit Risk Prediction based on Bayesian estimation of logistic regression model with random effects</i>
	<b>Economics 4</b> (room: <b>Aula 1</b> , chairman: <b>A. Miceli</b> )	<b>Network 2</b> (room: <b>Issirfa</b> , chairman: <b>A. Iovanella</b> )
12.00-12.30	<b>M. A. Annunziata</b> , A. Petri, Pontuale G., A. Zaccaria, <i>Is your country log-normal? An analysis of the statistical distribution of the exported volumes of products</i>	<b>P. Angelini</b> , D. Guarascio, B. Potì, <i>An ERGM for patent networks in the biotech sector</i>
12.30-13.00	R. Cerqueti, <b>M. Ventura</b> , <i>Optimal R&amp;D investment under uncertainty</i>	<b>G. Sellitto</b> , <i>The emergence of polarization in micro-blogs: the role of stereotyped micro-dynamics</i>
13.00-13.30	L. Morettini, E. Primeri, E. Reale, <b>A. Zinilli</b> , <i>Career trajectories of PhD holders in the SSH: do early career choices matter?</i>	A. Almog, D. Garlaschelli, <b>T. Squartini</b> , <i>A GDP-driven model for the binary and weighted structure of the International Trade Network</i>
<b>13.30-14.30</b>	<b>Lunch</b>	
<b>14.30-15.00</b>	<b>Farewell</b>	

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**Invited speakers:****Prof. Andrew Chesher**

*Department of Economics  
University College London*

**Prof. Luciano Pietronero**

*Sapienza University of Rome,  
Physics Department  
Founder of the Institute of Complex Systems, CNR*

**Prof. Andrea Roventini**

*Sant'Anna School of Advanced Studies  
Institute of Economics*

**Invited scholars:****Prof. Christopher F Baum**

*Department of Economics  
Boston College*

**Organizers:****Dr. Giovanni Cerulli and Dr. Bianca Potì**

*CNR-IRCrES, Research Institute on Sustainable Economic Growth  
National Research Council of Italy*

**Dr. Giovanna Ferraro and Dr. Antonio Iovanella**

*Department of Enterprise Engineering  
University of Rome Tor Vergata*

**Sponsor:**

*CNR-ISC, Institute for Complex Systems  
National Research Council of Italy*

**Administrative staff:**

Daniela Girone  
Francesca Ceccucci

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