
Editorial

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Biographical notes: Federico Cecconi is Senior Researcher at CNR-ISTC, the *Institute of Cognitive Sciences and Technologies of the National Research Council of Italy*, where he runs the Laboratory on Agent Based Social Simulation (LABSS). Within LABSS, he studies the dynamics of social cognitive artifacts (norms, reputation, punishment) regulating societies of autonomous intelligent agents. He is also contents' manager for Edulabss (ICT teaching & consulting), and teaches 'Informatics' and 'Numerical methods' at LUMSA, Libera Università Maria Ss. Assunta, in Rome. His research interests are in the field of financial modelling, dynamics of cellular automata and complex networks, and microeconomic modelling using agent-based simulation. He is the author of several books and articles in indexed journals (among others PNAS, JASSS, and Lecture Notes in AI).

Giovanni Cerulli is Researcher in Applied Economics and Econometrics at IRCrES-CNR, the *Research Institute on Sustainable Economic Growth of the National Research Council of Italy*. He received a Degree in Statistics from Sapienza University, where he also took a PhD in Economic Sciences. He is Editor-in-Chief of the *International Journal of Computational Economics and Econometrics (IJCEE)*. His research interests are focused on applied econometric modelling with a focus on program evaluation econometric methods, and simulated agent-based models. He has published his papers in high-quality peer-reviewed journals, and is the author of the book: *Econometric Evaluation of Socio-Economic Programs: Theory and Applications* (Springer-Verlag, 2015).

Maria Augusta Miceli is Professor of economic theory at the Faculty of Economics, Sapienza University of Rome. Graduated in Statistics, she took a MPhil at Cambridge University, UK in Mathematical Economics and Econometrics, and she was post-doc visiting and teaching fellow at Harvard University, Department of Economics. She currently teaches microeconomics, macroeconomics, and industrial organisation in undergraduate programs. Her main scientific interests are in computational economics and econometrics applied to industrial organisation.

This *IJCEE* special issue on *Advances in Computational Economics and Econometrics* is made of eight papers whose early-stage drafts were presented at *IWCee13 – International Workshop on Computational Economics and Econometrics*, held at Sapienza University of Rome, Faculty of Economics, on July 12–13, 2013.

The quality of these papers is guaranteed by a two-step selection process: the first has concerned a quality assessment of the extended abstracts submitted to participate to *IWCee13*; the second has followed the usual *IJCEE* double-blind reviewing process carried out by at least two anonymous referees per each paper.

This special issue is an appropriate representation of *IJCEE* main topics of interests, by including papers dealing with theoretical agent-based computational models, evolutionary models of economic dynamic and structural change, advanced applied models for econometric forecasting, and software implementation for macro-econometric policy evaluation.

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