

28th European Conference on Modelling and Simulation

ECMS 2014

Brescia, Italy, May 27th – 30th, 2014

Join the leading scientific forum for European simulationists

The [European Conference on Modelling and Simulation \(ECMS\)](#) is the annual conference of the European Council for Modelling and Simulation, an independent forum of European academics and practitioners dedicated to research, development, and applications of modelling and simulation. The [ECMS 2014](#) is hosted by the Department of Economics and Management of the University of Brescia, Italy.



Theme:

The human capacity to abstract complex systems and phenomena into simplified models has played a critical role in the rapid evolution of our modern industrial processes and scientific research. As a science and an art, Modelling and Simulation have been one of the core enablers of this remarkable human trace, and have become a topic of great importance for researchers and practitioners. The increasing availability of massive computational resources and interconnectivity has helped fuel tremendous advances in the field, collapsing previous barriers and redefining new horizons for its capabilities and applications.

Invited speakers:

[Stefan Thurner](#) (Head of Section for Science of Complex Systems, Medical University of Vienna)

[Volker Grimm](#) (Department of Ecological Modelling, Helmholtz Center for Environmental Research)

[Miguel Onorato](#) (Department of Physics, University of Turin)

Call for contributions: ECMS papers are listed in [DBLP](#), [ISI](#), [INSPEC](#) and [DOI](#)

The European Conference on Modelling and Simulation is the international conference dedicated to help define the state of the art in different fields involved in creating, defining and building innovative simulation systems, simulation and modelling tools and techniques, and novel applications for modelling and simulation. Prospective authors are invited to submit high-quality papers representing original results in all related areas of modelling and simulation. High quality selected papers will be considered for publication in a focused issue with some international journals. An author of each accepted paper must register and present the paper at the conference. Detailed instructions for submission are available on the conference website.

Best paper awards:

All submitted papers will be evaluated for the Best Conference Paper Award.

Local attractions:

Roman Temple and Contemporary Art Museum, Dome (11th-12th Century, with capitals from the former Basilica, 6th-7th Century) Museum of Christian Antiquities, Castle with Armaments Museum, and in the surroundings: Capo di Ponte Rock Paintings (876 scenes from the Late Bronze and Iron Age) Garda and Iseo Lakes, Franciacorta Wine Region.



The conference will include the following tracks:

Simulation of Intelligent Systems

Simulation of Complex Systems and Methodologies

Simulation in Industry, Business and Services

Agent-Based Simulation

Discrete Event Modelling and Simulation in Logistics, Transport and Supply Chain Management

Finance, Economics and Social Science

Modelling, Simulation and Control of Technological Processes

Policy Modelling

Modelling and Simulation in Computer Vision for Image Understanding

Simulation and Optimization

Simulation, Experimental Science and Engineering in Maritime Operations

Modelling and Simulation in Robotic Applications

Electrical and Electromechanical Engineering

Simulation and Visualization for Training and Education

High Performance Modelling and Simulation divided in 3 sessions:

Modelling and Simulation of Data Intensive Systems Special Session

Research and Use of Multiformalism Modeling Methods Special Session

Probability and statistical methods for modelling and simulation of high performance information systems

Important dates:

Submission of Full-Length Papers:

13th February, 2014

Notification of Paper Acceptance:

14th March, 2014

Submission of Final Papers:

9th April, 2014

Conference dates in Brescia:

27th-30th May, 2014

Social activities:

A number of social events will be prepared for the conference delegates.

Submissions and registration fee:

For paper submissions, please check: <http://www.scs-europe.net/conf/ecms2014/deadlines.html>

For any question you might have, please email to: ecms@scs-europe.net

The conference registration fee includes proceedings (printed and on CD), reception, lunches, coffee breaks, simulator tour, and the conference dinner.

Fee for **authors/participants** who have been registered in ECMS 2010 - ECMS 2013

€ 375

Student participants with paper

€ 275

New participants or new authors

€ 425

ECMS 2014 Conference and Programme Chairs

[Flaminio Squazzoni](#)

[Fabio Baronio](#)

[Claudia Archetti](#)

[Marco Castellani](#)

University of Brescia
Department of Economics and Management
Via San Faustino 74/B
25122 Brescia, Italy

<http://www.eco.unibs.it/ecms>

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