

# 31<sup>st</sup> European Conference on Modelling and Simulation

## ECMS 2017

Budapest, Hungary, May 23<sup>rd</sup> – May 26<sup>th</sup>, 2017

### 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.

ECMS 2017 is hosted by two Universities in Budapest:



[CORVINUS University of Budapest](#)



[Budapest University of Technology and Economics](#)

### 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:

[István P. Székely](#) (European Commission, Corvinus University of Budapest)

[Jin Ooi](#) (The University of Edinburgh)

### ECMS2017 is asking for papers on the following topics:

Agent-Based Simulation

Simulation of Intelligent Systems

Modelling, Simulation and Control of Technological Processes

Simulation in Industry, Business and Services  
(which includes Logistics and Transportation management)

Finance and Economics and Social Science

Simulation and Optimization

High Performance Modelling and Simulation

## Call for contributions:

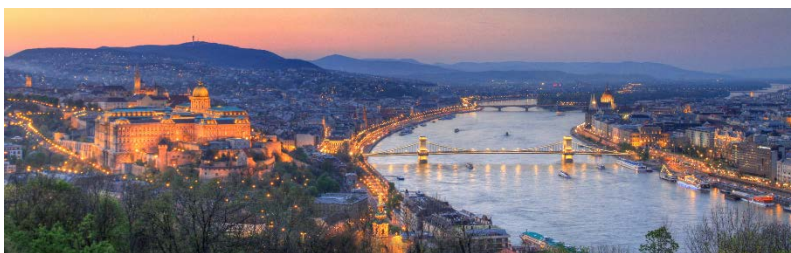
The European Conference on Modelling and Simulation is the international conference dedicated to help define the state of the art in different fields involved in creating, defining and building innovative simulation systems, simulation and modelling tools and techniques, and novel applications for modelling and simulation. Prospective authors are invited to submit high-quality papers representing original results in all related areas of modelling and simulation. Published papers will be indexed by [DBLP](#), [ISI](#), [INSPEC](#), [SCOPUS](#) and [DOI](#). 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: <http://www.scs-europe.net/conf/ecms2017/index.html>. For the local webpage of the conference please visit <http://gt3.bme.hu/ecms17/>.

## Best paper awards:

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

## Local attractions:

Budapest is the capital of Hungary. The city is centrally located in the country and divided into two parts by the river Danube. Located along the left bank of the river, Pest is the flat side of the city. Across the river sprawls Buda which is surrounded by low mountains. There is a



remarkable cave system, formed by the thermal waters, under some of the hills. Budapest has about 126 thermal springs, which produce 70 million litres of thermal water a day, and made Budapest one of the most popular spa cities of Europe.

The UNESCO World Heritage Committee has listed the view of the Danube embankments and the Buda Castle District as a World Heritage site, which is one of the most beautiful and romantic parts of the city. Both the Pest and Buda embankments of the Danube stretching from the Liberty Bridge all the way up to the Margaret Bridge, the area encompassed by the Chain Bridge and some of the buildings belonging to the Budapest University of Technology and Economics, the Gellért Bath, the Gellért Hill with the Statue of Liberty and the Citadel, the Castle of Buda, the Baroque churches and Turkish baths of the so-called Water Town - these are all parts of the World Heritage today. On the Pest embankment of the Danube, the listed items are the Parliament building, Roosevelt Square, the Academy of Sciences and the Gresham Palace (which today gives home to the Four Seasons Hotel). Detailed travel Information: <http://budapest.com> or <http://visitbudapest.travel>

## Important dates:

Submission of Full-Length Papers (up to 7 pages):

3<sup>rd</sup> February, 2017

Notification of Paper Acceptance:

10<sup>th</sup> March, 2017

Submission of Final Papers:

6<sup>th</sup> April, 2017

Conference dates in Budapest:

May 23<sup>rd</sup>- May 26<sup>th</sup>, 2017

## Social activities:

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

## Submissions and registration fee:

For paper submissions, please check: <http://www.scs-europe.net/conf/ecms2017/deadlines.html>

For any question you might have, please email to: [ecms@scs-europe.net](mailto:ecms@scs-europe.net)

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

Fee for authors/participants who have been registered in ECMS 2009 - ECMS 2016

€ 425

Student participants with paper

€ 350

New Participants or new authors

€ 475

## ECMS 2017 Conference and Programme Chairs

**Zita Zoltay-Paprika**

Conference Chair

**Péter Horák**

Programme Chair

**Kata Váradi Péter Tamás Zwierczyk**

Co-Conference Chairs

**Ágnes Vidovics-Dancs János Péter Rádics**

Co-Programme Chairs