

# 32<sup>nd</sup> European Conference on Modelling and Simulation

## ECMS 2018

Wilhelmshaven, Germany, May 22<sup>nd</sup> – May 25<sup>th</sup>, 2018

**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 2018 is hosted by Jade University of Applied Sciences, Germany



### **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.

**Research papers are sought that address all areas of modelling and simulation, including but not limited to the following:**

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

Simulation of Fluid-mechanically Effective Microstructures and Combustion Processes

Multi-physical Finite Element Simulation

Discrete Element Methods

### **Keynote Speaker:**

We are very happy to confirm to you our Keynote Speaker who will present his invited talk at the opening session of ECMS2018: [Prof. Dr. Thomas H.W. Bäck, University of Leiden, The Netherlands](#)

### 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 will be available on the conference website:

<http://www.scs-europe.net/conf/ecms2018/index.html>.

For the local webpage of the conference please visit <http://www.jade-hs.de/ecms2018>.

### Best paper awards:

All submitted papers will be evaluated for the Best Conference Paper Award. In addition, a special prize will be awarded for the best student paper.

### Location:

Wilhelmshaven is a coastal town in the German state of Lower Saxony, situated at the North Sea. It was founded in 1869 by King William I of Prussia, who later became German Emperor, as a naval base for Prussia's developing fleet. Today, Wilhelmshaven is still Germany's largest naval base. It also is Germany's only deep-water port. It is easily accessible from the airports in Hamburg and Bremen.



### Important dates:

Submission of Full-Length Papers (up to 7 pages):	2 <sup>nd</sup> February, 2018
Notification of Paper Acceptance:	9 <sup>th</sup> March, 2018
Submission of Final Papers:	6 <sup>th</sup> April, 2018
Conference dates in Wilhelmshaven:	May 22 <sup>nd</sup> – May 25 <sup>th</sup> , 2018

### 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/ecms2018/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 2017	€ 425
Student participants with paper	€ 350
New participants or new authors	€ 475

### ECMS 2018 Conference and Programme Chairs

**Lars Nolle**  
Conference Chair  
**Alexandra Burger**  
Co-Conference Chair  
**Christoph Tholen**  
Co-Conference Chair

**Jens Werner**  
Programme Chair  
**Jens Wellhausen**  
Co-Programme Chair

