

# 27th European Conference on Modelling and Simulation ECMS 2013

Ålesund, Norway, May 27<sup>th</sup> – 30<sup>th</sup>, 2013

## 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 2013](#) is hosted by the [Aalesund University College \(AAUC\)](#), a university with five faculties and more than 200 staff. The University College offers a wide range of study programmes in engineering, marine operations, biotechnology, business, and health.



AAUC Campus

### 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.

### 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 ISI, INSPEC and DOI. 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, and Best Student Paper Award.

### Local attractions:

Ålesund is beautifully situated on several islands on the coast of Sunnmøre, and is the gateway to some of the world's most famous fjords and natural attractions. The town has a strong and vibrant history, dating back to the Viking era, even though it wasn't granted municipal status until 1848. After devastated in an enormous fire on January 23rd 1904, Ålesund was rebuilt in the Art Nouveau style that characterizes the town today with its many turrets, ornaments and colourful facades. The town mountain Aksla has got a spectacular panoramic view of the Sunnmøre Alps, the town centre, the ocean and the islands in the



Spectacular view of beautiful Aalesund

archipelago. Today Ålesund is a modern and rapidly growing town, and with its 45.000 inhabitants it is the natural commercial and industrial capital of the Sunnmøre region. The town has got a strong tradition in the maritime industry, and is considered the fisheries capital of Norway. Detailed information could be found in the following websites:

<http://www.visitalesund-geiranger.com/en/transport/Municipalities/?TLp=33537>

<http://www.alesund.kommune.no/english>

### **The conference will include the following tracks:**

Simulation of Intelligent Systems  
Simulation of Complex Systems and Methodology  
Simulation in Industry, Business and Services  
Agent-Based Simulation  
Simulation and Visualization for Training and Education  
Discrete Event Modelling and Simulation in Logistics, Transport and Supply Chain Management  
Finance, Economics and Social Science  
Modelling, Simulation and Control of Technological Processes  
High Performance Modelling and Simulation  
Policy Modelling  
Simulation and Computational Neuroscience  
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  
Simulation in Social Interaction

### **Important dates:**

Submission of Full-Length Papers:	15 <sup>th</sup> February, 2013
Notification of Paper Acceptance:	12 <sup>th</sup> March, 2013
Submission of Final Papers:	9 <sup>th</sup> April, 2013
Conference dates in Aalesund:	27 <sup>th</sup> -30 <sup>th</sup> May, 2013

### **Social activities:**

A number of social events will be prepared for the conference delegates. In cooperation with industry partners and financial contributors, the companies Rolls-Royce Marine, Offshore Simulator Centre, and Farstad Shipping have offered to sponsor the **ECMS 2013** and will arrange the conference dinner and reception. Also **ECMS 2013** participants will be offered a guided tour of some of the world's most advanced simulators for marine operations. Details of the social programs will be posted on the [conference website](#).

### **Submissions and registration fee:**

For paper submissions, please check: <http://www.scs-europe.net/conf/ecms2013/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, simulator tour, and the conference dinner.

Fee for authors/participants who have been registered in ECMS 2009 - ECMS 2012	€ 375
Student participants with paper	€ 275
New Participants or new authors	€ 425

### **ECMS 2013 Conference and Programme Chairs**

**Webjørn Rekdalsbakken**

**Robin T. Bye**

**Houxiang Zhang**

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<http://ecms2013.hials.no/>

<http://www.scs-europe.net/conf/ecms2013/index.html>