

**36th International ECMS Conference
on Modelling and Simulation
ECMS 2022
collocating with
Offshore Simulation Centre (OSC) Conference 2022**

Ålesund, Norway, May 30th – June 3rd, 2022

Join the leading scientific forum for European simulation experts

The [International 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 2022](#) is hosted by [NTNU in Ålesund](#) and is happy to announce its collaboration with this year's [OSC](#) conference. [NTNU in Ålesund](#) offers a wide range of study programmes in engineering, marine operations, biotechnology, business, and health.



NTNU Campus in Ålesund

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 International European Conference on Modelling and Simulation is 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 sent for indexation to DBLP, SCOPUS, 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. Detailed information could be found in the following websites:

<https://www.visitalesund.com/>



The conference will include the following tracks:

Business Process Modelling and Simulation for Industrial Operations

Finance and Economics and Social Science

Simulation and Optimization

Finite Discrete Elements Simulation

Modelling and Simulation of Cyber-Physical-Systems

Special Student Track

Modelling and Simulation for Performance Evaluation of Computer-based Systems (MaSPECS):
with Data Intensive Systems Sub-Track and

Probability and Statistical Methods for Modelling and Simulation Sub-Track)

ECMS 2022 is happy to announce the following 3 keynote speakers:

Prof. Hussein Abbass - University of New South Wales Canberra, Australia

Prof. Manish Gupta - IIIT - Bangalore, India

Prof. Knut-Andreas Lie – NTNU Ålesund

Since ECMS and OSC are collocating this year our ECMS Schedule will be different as follows:

Monday May 30	Tuesday May 31	Wednesday June 1	Thursday June 2	Friday June 3
ECMS registration starting 8:30 OSC Conference start OSC Dinner	ECMS opening session 1st Keynote speaker parallel sessions visiting local attractions possible	ECMS 2nd Keynote speaker parallel sessions visiting local attractions possible	ECMS 3rd Keynote speaker parallel sessions Boardmeeting ECMS 2pm Dinner ECMS 7pm	ECMS parallel sessions closing session 12pm with awards given thanks to everyone ...

Important dates:

Submission of Full-Length Papers (7 -10 pages):

4th February 2022

Notification of Paper Acceptance:

8th March 2022

Submission of Final Papers:

6th April 2022

Conference dates in Ålesund:

30th May – June 3rd, 2022

Social activities:

ECMS 2022 participants will be offered a guided tour to some of the world's most advanced simulators for marine operations. Details of the social programs will be posted on the local NTNU conference website.

<https://ecms2022.org.ntnu.no/>

Submissions and registration fee:

For paper submissions and fees please check on: <http://www.scs-europe.net/conf/ecms2022/index.html>

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

ECMS 2022 Conference and Programme Chairs

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