

35th International ECMS Conference on Modelling and Simulation **ECMS 2021**

Wildau - Area of Berlin, Germany, June 8 – 11, 2021

submission deadline: February 15th, 2021

Join the leading scientific forum for European simulationists

The 34th International ECMS Conference on Modelling and Simulation is the annual conference of the European Council for Modelling and Simulation, an independent forum of international academics and practitioners dedicated to research, development, and applications of modelling and simulation.

ECMS 2021 is hosted by the

Technical University of Applied Sciences Wildau, Germany June 8-11, 2021



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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.

ECMS 2021 is happy to announce our two keynote speakers:

[Webjørn Rekdalsbakken](#) and [Kjell-Inge Gjesdal](#)

NTNU, Norwegian University of Technology and Science
Aalesund Campus, Norway
presenting

"Digital Twins for Computer Haptic-Assisted Orthopaedic Surgery"

ECMS 2021 is asking for papers on the following topics:

Open and Collaborative Models and Simulation Methods
Business Process Modelling, Simulation and Optimisation of Industrial Operations
Finance and Economics and Social Science
Simulation and Optimization
Finite - Discrete - Element Simulation
Machine Learning for Big Data
Modelling and Simulation of Data Intensive Systems
Probability and Statistical Methods for Modelling and Simulation

Call for contributions:

ECMS 2021 is the 35th 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](#) (ISSN 2522-2422 (Online), ISSN 2522-2414 (Print), ISSN 2522-2430 (CD-ROM)). 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/ecms2021/index.html>.

Best paper awards:

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

Local attractions:

[Wildau](#) is a municipality in the state of Brandenburg and belongs also to the area of [Berlin](#) which is probably the most exciting German city with a lot of [attractions](#). One of the most beautiful places in Brandenburg is the [Sanssouci Palace](#) located in [Potsdam](#). Another highlight is the [Spreewald](#) in the south of Brandenburg which is a very romantic location with creeks and channels in pine forests.

Important dates:

Submission of Full-Length Papers (up to 7 pages):	February 15, 2021
Notification of Paper Acceptance:	March 22, 2021
Submission of Final Papers:	April 16, 2021
Conference dates:	June 8-11, 2021

Social activities:

Social events will be prepared for conference participants.

Submissions and registration fee:

For paper submissions, please check: <http://www.scs-europe.net/conf/ecms2021/deadlines.html>

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

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

Fee for authors/participants who have been registered in ECMS 2010 - ECMS 2020	€ 425
Student participants with paper	€ 350
New Participants or new authors	€ 475

ECMS 2021 Conference and Programme Chairs

Mike Steglich
Conference Chair

Gaby Neumann
Programme Chair

Christian Müller
Conference Co-Chair

Mathias Walther
Programme Co-Chair