CALL FOR PAPERS

THE OR SOCIETY 10th SIMULATION WORKSHOP 2021 (SW21)
Website: www.theorsociety.com/SW21

22 - 24 MARCH 2021

Burleigh Court Conference Centre, Loughborough University, Loughborough LE11 3TD

Held in cooperation with: The INFORMS Simulation Society

A celebratory 10th anniversary of the Simulation Workshop

The postponed Simulation Workshop has now been rescheduled to run on Mon 22 - Wed 24 Mar 2021. We are hoping to run the conference face to face, however we will continue to monitor the developments of the pandemic and take necessary measures to protect the wellbeing of delegates, staff and the public. Bookings of delegates who have previously registered onto this event will be carried over.

The OR Society's Simulation Workshop is a biannual conference that brings together practitioners and academics working in the field of modelling & simulation. It provides an opportunity to exchange ideas on the current and future state-of-the-art in modelling and simulation. The programme consists of two keynote presentations, panel discussion, introductory/advanced tutorials and parallel streams. Breaks between sessions and the conference dinner provide an excellent opportunity for networking. The exhibition area includes poster displays and some of the latest developments in simulation software tools.

LOCATION

SW21 is hosted at Burleigh Court Conference Centre & hotel, located in Loughborough University's campus in the town of Loughborough. Loughborough University is No.1 University for sport. Its exceptional sporting facilities play host to world-class athletes from across the world.

Loughborough University is easily accessible by road, rail and air. Just one mile from J23 M1, 8 miles from East Midlands Airport and 90 mins from London St. Pancras. Loughborough is located in the heart of England where north meets south and it is surrounded by some fantastic countryside. The town is close to a variety of tourist attractions such as the Peak District, Sherwood Forest and the National Space Centre. Close by is Bradgate Park (dating from at least 1240) with roaming herds of red and fallow deer that will be forever associated with the Lady Jane Grey, England's 'Queen for Nine Days'.

THE PROGRAMME

The workshop will include plenary sessions, special focus streams, introductory/advanced tutorials and posters.

Before the decision to postpone we had a full programme with presentations (papers and posters) on a range of topical areas of simulation, such as healthcare, optimisation, system dynamics, agent-based modelling, hybrid simulation, conceptual modelling. Authors of already accepted papers and posters will have the opportunity to **retain their submissions**, unless they advise the programme chairs (Masoud Fakhimi, Duncan Robertson and Tom Boness) of the opposite.

We are now **inviting new submissions of papers and posters**, presenting academic research and industrial case studies. Contributions to the technical programme are sought in three main areas:

- Simulation Modelling Methodology,
- Simulation Analysis Methodology and
- Simulation in Practice,

although papers in any area of simulation modelling and analysis will be considered.

We are delighted to announce that we are planning on holding **a special track dedicated to the topic of the COVID-19 pandemic** and invite submissions related to this theme. For ideas of relevant topics that would be relevant to the Simulation workshop, authors should refer to the following paper: *Currie, Fowler, Kotiadis, Monks, Onggo, Robertson and Tako (2020) How simulation modelling can help reduce the impact of COVID-19, Journal of Simulation, DOI: 10.1080/17477778.2020.1751570.*

All submissions are peer reviewed. Accepted papers will be published in the conference proceedings and will be presented at the conference subject to valid registration. Authors of papers presented at SW21 will be invited to submit extended versions of their work for publication in a peer reviewed special issue of the Journal of Simulation. For more details see the following call for [papers](). The deadline for special issue article submissions will be June 2021.

Presentations are 30 minutes including time for questions and answers. Presentations for introductory/advanced tutorials will be given 90 minutes including time for questions and answers. Posters of applied or research projects in Simulation will be displayed during the conference. Poster authors will be invited to briefly introduce their work in 2 minutes at a dedicated poster session.

TIMETABLE AND DEADLINES

16 October 2020: Submit electronically contributed papers not previously published or presented at the following Easy Chair submission point: https://easychair.org/conferences/?conf=sw21. Submission instructions are available at www.theorsociety.com/SW21. Each submission must be a 3-10 pages for contributed papers and 10-15 pages for the introductory/advanced tutorial stream, including an abstract of 150 words maximum.

Submission implies that an author will pay to attend the workshop to present the paper, and all clearance required for publication of the paper will be obtained by 16 February, 2021.

11 January 2021: Author notification of paper acceptance.

12 January 2021: Deadline for submitting Poster title and abstract of 150 words. These should be submitted using the electronic submission form. Submission implies that an author will register and pay

to attend the conference. Poster abstracts will be published in the conference proceedings and should follow the guidelines for conference papers.

22 January 2021: Notification of Poster acceptance.

29 January 2021: Early bird author registration deadline.

01 February 2021: Authors provide the final manuscript for inclusion in the conference proceedings. These should be in the format required for the conference. Author instructions will soon be available at www.theorsociety.com/SW21.

16 February 2021: Author registration deadline.

For further information on paper or poster submission, please contact: Masoud Fakhimi, Duncan Robertson and Tom Boness (Programme) or Lucy Morgan (Posters).

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