



THE
OPERATIONAL
RESEARCH
SOCIETY

Simulation Workshop



Learn • Connect • Focus • Join

22 - 26 March 2021
10am - 3pm

Join us for the **10th anniversary**
of our flagship event

The Simulation Workshop is the flagship showcase of simulation and modelling across industry and academia, providing both a great opportunity to celebrate developments in the field as well as a unique opportunity to collaborate extensively over a five-day period on 22-26 March.



Why attend SW21?



LEARN

Learn about the latest developments

High-profile speakers from all over the world will be joining us to share papers, present posters and lead panel discussions on the very latest findings

Sessions will cover topics including data farming, agent-based models, hybrid simulation and healthcare simulation

Hear from our international keynote speakers, Prof. Susan M. Sanchez, (Naval Postgraduate School, Monterey, CA) and Dr Young-Jun Son, (Systems and Industrial Engineering, The University of Arizona)

Exchange ideas at our tutorials and technical sessions held by leading experts



CONNECT

Connect with the simulation community

Our event attracts the brightest in the simulation and modelling community

Take advantage of the chance to raise your profile within the community at our networking sessions

Join in lively debates and chat directly with other delegates through our event platform

Meet our Simulation Specialist Interest Group and hear from other society groups including Women in OR & Analytics at their networking events

Why attend SW21?



FOCUS

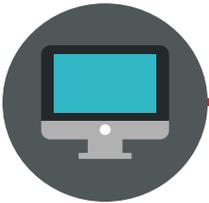
Focus on your personal development

With papers, posters, panels, tutorials and technical sessions, there is no end to the amount you can learn from the varied five-day programme

Don't miss the chance to learn how to successfully submit a paper to a journal with a talk from the editors of The Journal of Simulation

After the event all talks and resources are available for you to watch in your own time and use within your own business

We're proud to be inclusive of those at all levels of their career, with sessions designed to be accessible for all



JOIN

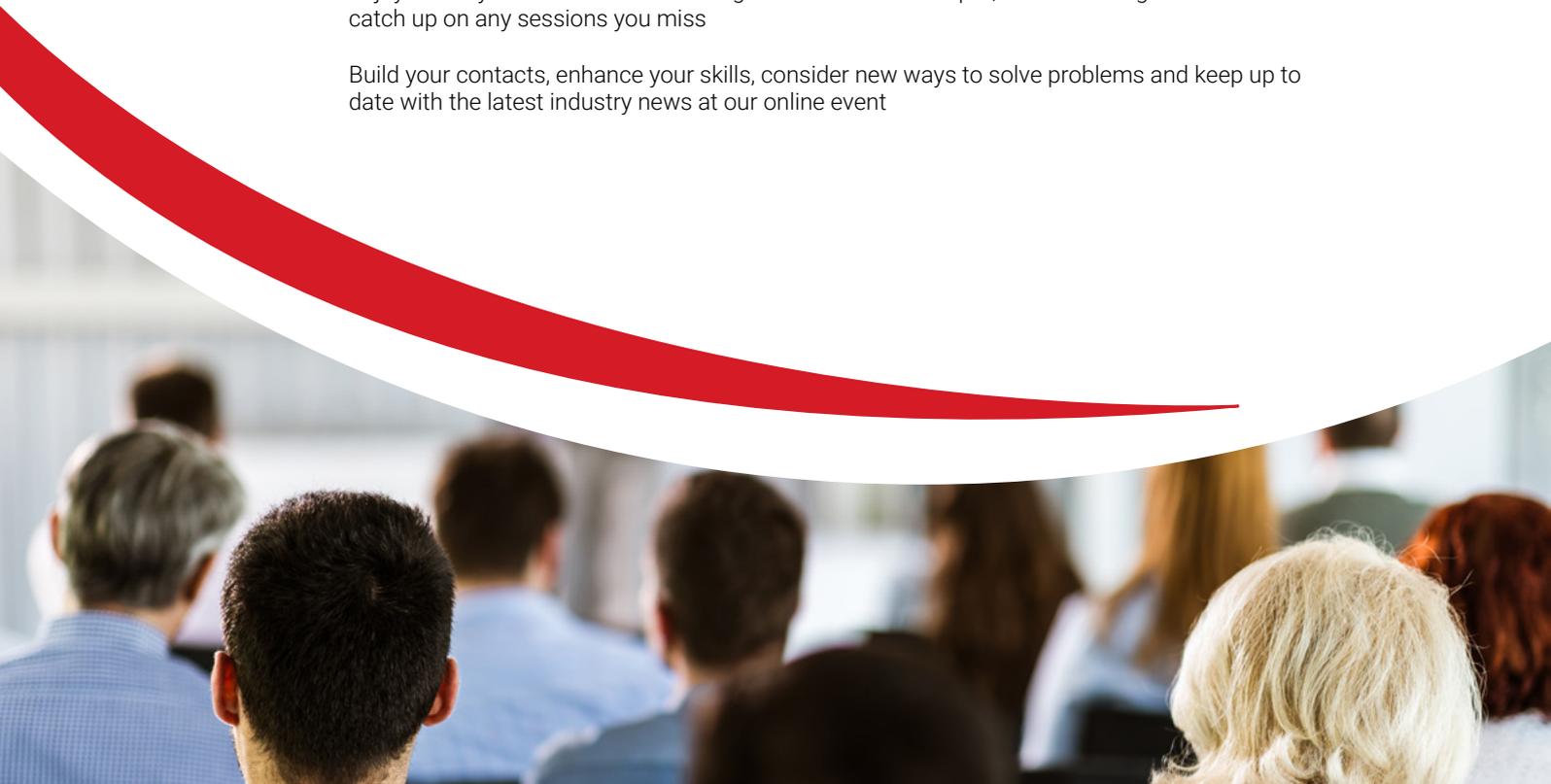
Join us online on 22-26 March

Easily take part in SW21 through our dedicated event app, designed to showcase our speakers and enhance sessions with a live Q&A

Join online from the comfort of your own home, wherever you are based, without the need to travel or stay overnight

Enjoy five days of talks and networking events from 10am-3pm, with recordings available to catch up on any sessions you miss

Build your contacts, enhance your skills, consider new ways to solve problems and keep up to date with the latest industry news at our online event



High-quality talks – guaranteed!

The conference features a packed schedule of practitioner and researcher papers detailing applied case studies and theoretical developments in the field of computer simulation. Our programme is filled with interesting papers showcasing simulation work on discrete event simulation optimisation, metamodels, system dynamics, hybrid simulation, as well as on teaching simulation in the classroom. You will hear from authors from different destinations across the globe, USA, Spain, France, Ireland and the UK.

Dr Young-Jun Son,
Systems and Industrial
Engineering,
The University of Arizona

Title of talk:
“A DDDAMS-based Surveillance
and Crowd Control via UAVs
and UGVs”



Prof. Susan M. Sanchez,
Naval Postgraduate School,
Monterey, CA

Title of talk:
“Data farming: the meaning and
methods behind the metaphor”



What to expect from SW21

DAY 1

highlights include:

10am-3pm

- Welcome from conference co-chairs Anastasia Anagnostou and Antuela Tako
- Two networking breaks
- Presidential address & Tocher Medal award presentation from Edmund Burke, President of the OR Society (University of Leicester)
- Keynote speakers; 'Data farming: the meaning and methods behind the metaphor' from Susan M. Sanchez (Naval Postgraduate School, US) with chair Antuela Tako (Loughborough University)
- Technical sessions
- Tutorial sessions

Poster plenary lightning sessions with chair Lucy Morgan (Lancaster University)

Keynote speaker: 'A dynamic data-driven adaptive multi-scale simulation-based Surveillance and Crowd Control via UAVs & UGVs' from Young-Jun Son (The University of Arizona) with Chair Anastasia Anagnostou (Brunel University)

Tutorial sessions

Two networking breaks

DAY 2

highlights include:

10am-3pm

- Poster plenary lightning sessions with chair Lucy Morgan (Lancaster University)
- A variety of technical sessions
- Two networking breaks

DAY 3

highlights include:

10am-3pm

'Writing Winning Simulation Papers' Q&A session with The Journal of Simulation Editors and chair Anastasia Anagnostou (Brunel University)

'Celebrating Diversity in Simulation, an interview with prof Sally Brailsford' with the Women in OR and Analytics Network, a Q&A to celebrate Sally's inclusion in the Database of Top Scientists in the World 2020

Tutorial sessions

Two networking breaks

Technical sessions

DAY 4

highlights include:

10am-3pm

DAY 5

highlights include:

10am-3pm

Panel discussion on 'Artificial Intelligence and Simulation: Friend or Foe?' with panel chair Simon J E Taylor (Brunel University London) and panellists Son Young-Jun (The University of Arizona), Susan M. Sanchez (Naval Postgraduate School), Oliver Rose (Universität der Bundeswehr München) and Juergen Branke (Warwick Business School)

Winners of the prizes announced

Technical sessions

Two networking breaks

Several tutorial sessions

Join us for the chance to be part of this industry-leading simulation event.

Book tickets and find out more about the event on our website:

www.theorsociety.com/SW21

Simulation Workshop

22-26 March 2021

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www.theorsociety.com/events/simulation-workshop

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