
Welcome Letter

Welcome from the SummerSim'20 General Chair

On behalf of the Organization Committee, we are delighted to welcome you to the Summer Simulation Conference 2020 (SummerSim'20).

Because of the COVID-19 pandemic, we regretfully had to move the conference from the spectacular city of Madrid to an online event. We hope that your friends, co-workers and family are all safe.

The Society for Modeling & Simulation International (SCS) organizes SummerSim. SCS is the oldest Modeling and Simulation society in the world, which, from its foundation in 1952, promotes the advancement of Modeling and Simulation and connect Modeling and Simulation professionals worldwide. SummerSim is SCS's premier international conference in cooperation with ACM SIGSIM. The conference focuses on modelling and simulation, tools, theory, methodologies and applications and provides a forum for the latest R&D results in academia and industry. The SummerSim'20 program includes an excellent selection of peer-reviewed papers, presentations, two tutorials, a panel discussion on education and a distinguished keynote.

We sincerely thank the Complutense University of Madrid for the already done preparations for SummerSim'20. We would also like to thank our keynote speaker Dr. Alexandre Muzy from the Université Côte d'Azur, France for sharing his insights into modelling and simulation and the link to learning and intelligence.

Summersim would not have been possible without the commitment and effort of the organizational committee. The committee consists of:

Honorary Chairs: Jose Luis Risco Martin (Complutense University of Madrid, Spain) and Hans Vangheluwe (University of Antwerp, Belgium)

General Chair: Joachim Denil (University of Antwerp, Belgium)

Vice General Chair: Alberto A. Del Barrio (Complutense University of Madrid, Spain)

Program Chair: Mamadou Traore (University of Bordeaux, France)

Tutorial Chair: Josue Pagan Ortiz (Polytechnical University of Madrid, Spain)

Workshop Chair: Alberto Falcone (University of Calabria, Italy)

Publicity Chair: Moharram Challenger (University of Antwerp, Belgium)

Awards Chair: Umut Durak (German Aerospace Center, Germany)

Furthermore, we would like to thank all the different track chairs for their effort in promoting SummerSim and guiding the review process:

Applied Theory of Modeling and Simulation (AToMS): José L. Risco Martín

Cyber-Physical Systems (CPS): Claudio Gomes

Humans, Societies and Artificial Agents (HSA): Saikou Diallo and Nathalie Pinede

Modelling and Simulation in Aerospace (AeroSim) Alessandro Golkar and Umut Durak

Simulation in the System Design Flow (SDF): Guillermo Botella

Modelling and Simulation as a Service (MSaaS): Andrea D'Ambrogio and Paolo Bocciarelli

Grand Challenges in Modeling and Simulation (GC): Gregory Zacharewicz

Emergency Modeling and Simulation (EMS): Francesco Longo and Letizia Nicoletti

Work in Progress (WiP): Ken Vanherpen

We are very grateful to the program committee members and to all the volunteers that have dedicated their time and energy to review and edit all submissions, thus making it possible to set up a program of selected and high-quality presentations. We also express our gratitude to authors and tutorial presenters for submitting their relevant work to SummerSim.

Special thanks go to the SCS Executive Director, Oletha Darensburg, and her staff, Carmen Ramirez, for the expert and smooth running of conference coordination activities.

Our sincere and profound gratitude goes finally to Prof. Andrea D' Ambrogio, Vice President for SCS Conferences, for his exceptional support in shaping various things for over the organization process.

Joachim Denil
General Chair
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