

# SIMUL 2022

## Forward

The Fourteenth International Conference on Advances in System Simulation (SIMUL 2022), held between October 16<sup>th</sup> and October 20<sup>th</sup>, 2022, continued a series of events focusing on advances in simulation techniques and systems providing new simulation capabilities. While different simulation events are already scheduled for years, SIMUL 2022 identified specific needs for ontology of models, mechanisms, and methodologies in order to facilitate an appropriate tool selection. With the advent of Web Services and WEB 3.0, social simulation and human-in simulations bring new challenging situations along with the more classical process simulations and distributed and parallel simulations.

The conference provided a forum where researchers were able to present recent research results and new research problems and directions related to them. The conference sought contributions to stress-out large changes in scale system simulation, and advanced mechanisms and methodologies to deal with them.

We take here the opportunity to warmly thank all the members of the SIMUL 2022 technical program committee, as well as all the reviewers. The creation of such a high-quality conference program would not have been possible without their involvement. We also kindly thank all the authors who dedicated much of their time and effort to contribute to SIMUL 2022. We truly believe that, thanks to all these efforts, the final conference program consisted of top-quality contributions. We also thank the members of the SIMUL 2022 organizing committee for their help in handling the logistics of this event.

We hope that SIMUL 2022 was a successful international forum for the exchange of ideas and results between academia and industry and for the promotion of progress in the field of system simulation.

### **SIMUL 2022 Chairs**

#### **SIMUL 2022 Steering Committee**

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