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Selected Papers from the 64th International Conference of Scandinavian Simulation Society, SIMS 2023

Guest Editors

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Deadline

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Special Issue

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Invitation to submit

Special Issue Information

Dear Colleagues,

This Special Issue will include a selection of high-quality papers from the 64th International Conference of the Scandinavian Simulation Society, SIMS 2023.

The **SIMS2023** conference will cover broad aspects of recent research and development work in modeling, simulation and optimization in engineering applications. The scientific program will include technical sessions with submitted papers and a poster session. Ph.D. students are especially encouraged to contribute papers relating to the conference themes.

Conference Themes:

- Modeling and simulation for design, planning, optimization, control and monitoring.
- Tools for modeling and simulation, numerical methods for simulation and novel techniques.
- Visualization of modeling and simulation results.
- Practical case studies of industrial automation.

Application areas include:

- Renewable energy systems: bioenergy and biofuels, geothermal, hydro, solar, thermal, wave, tidal and wind energy.
- Hydrogen technologies: production, storage and transportation and hydrogen value chain.
- Energy systems: electric power, energy storage, fuel cells, heat pumps, industrial plants, energy use in buildings and power plants.