

## Special Issue

# Advances in the Modeling and Simulation of Technical Systems Using Modelica

### Message from the Guest Editors

The Modelica Conference 2023, which will take place in Aachen (Germany), is an event for users, library developers, tool vendors and language designers to share their knowledge and learn about the latest scientific and industrial progress related to Modelica, FMI, SSP and DCP. The program will cover the modeling of complex physical and cyber-physical systems and tools for a wide range of research and industrial applications. In addition to paper presentations, the conference will feature several Modelica tutorials for beginners and advanced users, as well as industrial user presentations, vendor sessions and an exhibition of the conference's sponsors. The previous Modelica conference was hosted in 2021 as an online conference by Linköping University, Sweden. The previous in-person Modelica conference took place in 2019 in Regensburg, Germany, and was attended by more than 400 participants from all over the world. We look forward welcoming participants to this year's conference in Aachen, following which the proceedings will be published and the best papers will be presented in this Special Issue.

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### Guest Editors

Prof. Dr. Dirk Müller

Dr. Dominik Hering

Prof. Dr. Antonello Monti

Prof. Dr. Andrea Benigni

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### Deadline for manuscript submissions

closed (15 January 2024)



## Electronics

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## About the Journal

### Message from the Editor-in-Chief

*Electronics* is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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### Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and Telecommunications, Politecnico di Torino, 10129 Torino, Italy

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