

## Special Issue

# Tools and Languages for Object-Oriented Modeling and Simulation

### Message from the Guest Editor

This Special Issue on Tools and Languages for object-oriented modeling and simulation solicits papers in this area, including but not limited to the following subtopics: object-oriented modeling and simulation languages and tools, cyberphysical and multidomain system modeling and development, Industry 4.0, hardware modeling (electrical, hydraulic, multi-body systems, etc.), integrated hardware–software modeling, metamodeling (Modelica, UML, SysML, etc.), methods and standards for co-modeling and co-simulation (e.g. FMI, SSP, DCP), design optimization and sensitivity analysis, numeric and symbolic methods for simulation, parallel and distributed simulation, verification and validation, requirement modeling, real-time and hardware-in-the-loop simulation, Internet of Things and embedded systems modeling, experiences of application of model-based product development, integration of machine learning models, and object-oriented systems modeling.

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### Guest Editor

Prof. Dr. Peter Fritzson

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### Deadline for manuscript submissions

closed (21 March 2021)



## 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

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