



Tools and Languages for Object-Oriented Modeling and Simulation

Guest Editor:

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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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Message from the Editor-in-Chief

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