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## Special Issue on Software and Systems Modeling

### Call for Papers

Software and Systems Modeling focuses on creating abstract representations of software systems to understand, design, analyze and verify their structure and behavior. This field uses modeling languages, frameworks, and tools to ensure system correctness, reliability and maintainability. It supports requirements engineering, architecture design, system simulation and model-driven development. By capturing complex system interactions at various levels of abstraction, it enables better communication, automated analysis, and more efficient development of large-scale, high-quality software systems.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on **Software and Systems Modeling**. Potential topics include, but are not limited to:

- Model-driven engineering
- Formal methods and verification
- Intelligent systems modeling
- Requirements modeling
- Modeling and simulation
- Systems architecture modeling
- Domain-specific modeling and languages
- Cyber-physical systems modeling
- Data and information modeling
- Software quality and performance modeling
- Model-based testing
- Distributed and embedded systems modeling
- Architectural modeling and analysis
- Meta-modeling and language engineering
- Cloud computing modeling
- Real-time systems modeling
- Process modeling
- AI/ML in system modeling
- Model management and evolution
- Empirical studies of modeling in practice

**Authors should read over the journal's [For Authors](#) carefully before submission.**



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**Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).**

Please kindly notice that the “**Special Issue**” under your manuscript title is supposed to be specified and the research field “**Special Issue – Software and Systems Modeling**” should be chosen during your submission.

According to the following timetable:

Submission Deadline	March 25th, 2026
Publication Date	May 2026

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