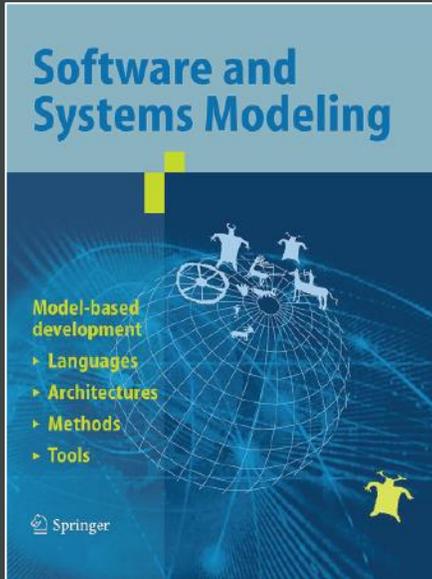


- Impact factor: 2.0 almost no backlog (below 4 months)
- Journal-first publication track at MODELS-conference



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Focuses on theoretical underpinnings and practical issues in the development and application of software and system modeling languages, techniques, and methods

SOFTWARE AND SYSTEMS MODELING

Software and Systems Modeling (SoSyM) is a quarterly international journal (published in English) that focuses on theoretical and practical issues pertaining to the development and application of software and system modeling languages and techniques. The aim of the journal is to publish high-quality works that further understanding of the theoretical underpinnings of modeling languages and techniques, present rigorous analyses of modeling experiences, and introduce scalable modeling techniques and processes that facilitate rigorous, efficient or economical development of software.

The journal is unique in its emphasis on theoretical foundations of modeling languages and techniques, and on rigorous analyses of "real-world" modeling experiences. The balance of theoretical works and works based on in-depth analyses of experiences offers insights to researchers that can inform future investigations into better modeling languages and techniques, and provides modeling practitioners with a deeper understanding of modeling languages and techniques that can lead to more effective application.

The journal targets researchers, practitioners and students who have a vested interest in results generated by high-quality modeling research and by rigorously analyzed modeling experiences. We invite authors to submit papers that discuss and analyze research challenges and experiences pertaining to software and system modeling languages, techniques, tools, practices and other facets. The following are some of the topic areas that are of special interest, but the journal publishes on a wide range of software and systems modeling concerns:

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- Language Adaptation and Composition
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- Generating test and code artifacts from models
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- Model development tool environments
- Modeling Cyberphysical Systems
- Data intensive modeling
- Derivation of explicit models from data
- Case studies and experience reports with significant modeling lessons learned
- Comparative analyses of modeling languages and techniques
- Scientific assessment of modeling practices

Impact Factor: 2.0 (2022), Web of Science, Clarivate



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Article Information

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- Special and theme sections on state-of-the-art topics within modeling (e.g., performance modeling, human modeling, CPS, or variability)
- Survey/overview articles that systematically summarize a specific research area

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