



Springer

## Call for Papers

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### Important Dates

Intent to submit	01 Jul 2021
Paper submission	01 Nov 2021
Notification	01 Jan 2022

## Software and Systems Modeling



### Theme Section: Agile Model-Driven Engineering

Agile development and Model-Driven Engineering (MDE) both originated as software engineering initiatives aimed at improving software development and managing the increasing complexity and demands for software applications. Agile development focusses upon managing change in requirements and reducing time-to-delivery of software by emphasising incremental, lightweight and flexible development processes, whilst MDE focusses upon ensuring software quality and improving reusability via the use of models, rigorous or formal specification, and code generation.

The integration of Agile development and MDE has the potential for combining the benefits of both approaches, with the rigour of MDE complementing the flexibility and responsiveness of Agile. A number of proposals for such integration have been made, with positive experiences of use in several different industries. However there remain open questions on how to appropriately combine the approaches in an integrated process, and on how to most effectively manage the integration of the approaches, both in terms of process and tools/techniques.

The integration of Agile and MDE can potentially lead to wider application of MDE in industry, as well as providing ideas for the improvement of Agile methods. We would therefore like to solicit contributions on the topic of Agile Model-driven Engineering, encompassing the addition of Agile techniques to MDE, and the enhancement of Agile methods by MDE techniques.

The *Journal of Software and Systems Modeling* (SoSyM) invites original, high-quality submissions for its theme section on “Agile Model-Driven Engineering” focusing on topics related to the integration of MDE and Agile development, including:

- Using Agile techniques and development processes with MDE;
- Integration of Scrum, XP, Kanban and other Agile methods with MDE;
- Lightweight and flexible MDE techniques;
- Low-code and no-code approaches for MDE;
- Tools for Agile MDE;
- Industrial case studies and experiences in the use of Agile MDE.

## General Author Information

- Papers must be written in English in a scientifically rigorous manner with adequate references to related work.
- Submitted papers must not be simultaneously submitted in an extended form or in a shortened form to other journals or conferences. It is however possible to submit extended versions of previously published work if less than 75% of the content already appeared in a non-journal publication, or less than 40% in a journal publication. Please see the [SoSyM Policy Statement on Plagiarism](#) for further conditions.
- Submitted papers do not need to adhere to a particular format or page limit, but should be prepared using font “Times New Roman” with a font size no smaller than 11 pt, and with 1.5 line spacing. Please consult the [SoSyM author information for submitting papers](#).
- Each paper will be reviewed by at least three reviewers.

## Making a submission

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- Communicate your intent to submit a paper by emailing the theme section editors (at [agilemde21@sosym.org](mailto:agilemde21@sosym.org)) the following information before the Intent to Submit deadline:  
Title, Authors, and an Abstract.
  - Possible submission formats are:
    - Word (.doc, without macros)
    - Rich Text Format (.rtf)
    - PostScript (.ps, special fonts must be embedded)
    - PDF (saved as readable in version 5.0 or earlier)
  - Submit your work using the online submission system [manuscript central](#):
    - In step 1, select “Theme Section Paper” as the manuscript type.
    - In step 5, make sure field “Cover Letter” includes the line: “Submission for Theme Issue on AgileMDE”.

## Further information

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If you have any questions or require additional information about this theme section, please contact the editors at [agilemde21@sosym.org](mailto:agilemde21@sosym.org).