

Call for Papers

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Important Dates

Intent to submit: Sept 8, 2011
Paper Submission: Sept 23, 2011
Notification: March, 8, 2012
Special issue date: Late 2012

Theme Issue: Model-Driven Service Engineering

Service Oriented Development (SOD) has become currently in one of the major research topics in the field of software engineering, leading the appearance of a novel and emerging discipline called Service Engineering (SE), which aim to bring together benefits of SOA and Business Process Management. SE focuses on the identification of *services* (a client-provider interaction that creates value for the client) as first class elements for the software construction. The convergence of SE with MDE can hold out the promise of rapid and accurate development of software that serves software users' goals.

Model-Driven Engineering (MDE) deals with promoting the role of models as primary actors in any task related with software development. Its main principles are to raise the level of abstraction at which software is specified and to increase the level of automation. One of the main advantages of model-driven approaches is the provision of a conceptual structure where the models used by business managers and analysts can be traced towards more detailed models used by software developers. This kind of alignment between high level business specifications and the lower level Service Oriented Architectures (SOA) is a crucial aspect in the field of SOD where meaningful business services and business process specifications are those that can give support to real business environment usually changing with increasing speed.

Accordingly, the [Journal of Software and Systems Modeling](#) (SoSyM) invites original, high-quality submissions for its theme issue on "Model-Driven Service Engineering" to appear in late 2012, focusing on challenging issues related to Model-Driven Service Engineering (MoSE). This way, we welcome papers focusing on the following topics:

- Methods and techniques to deal with the development of service-oriented systems
- Model-driven techniques to handle traceability relationships between high-level business processes and the Information Systems implementing them.
- Effective techniques for the automatic generation of service-oriented systems
- Domain specific languages and model transformations for Service oriented development
- Business services and business process modelling
- Model-Driven Engineering methods and techniques for (Semantic) Web Services
- Use of models and metamodels for SOA Governance
- Application of Model-Driven Engineering principles to Quality of Services (QoS) and Services Level Agreements (SLAs)
- Model-Driven Engineering proposals to support Service evolution
- Industrial experiences on combining Model-Driven engineering and Service Oriented Development

Information for authors

- Papers must be written 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

- Communicate your intent to submit a paper by emailing the theme issue editors the following information before the Intent to Submit deadline: Title, Authors, and an Abstract.
- Prepare your submission with either Word or LaTeX using [Word and LaTeX templates](#). 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 later)
- Submit your work using the online submission system [manuscript central](#):
 - In step 1, select “Special Section Paper” as the manuscript type and select “Dr. Bernhard Rumpe” as the “Editor-in-Chief” (EIC).
 - In step 4, add “Juan M. Vara” (+juanmanuel.vara@urjc.es) as editor and choose “Designate as Preferred Editor”.
 - In step 5, make sure field “Cover Letter” includes the line: “Submission for Theme Issue on MoSE”.

Further Information

If you have any questions or require additional information about this theme issue, please contact the editors.