



Springer

Call for Papers

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Important Dates

Intent to submit	January 7, 09
Paper submission	January 15, 09
Reviews Completed	May 1, 09
Major Revision Due	July 1, 09
Re-reviews Completed	August 1, 09
Camera-ready version	August 15, 09

Software and Systems Modeling

Theme Section on Non-functional System Properties in Domain Specific Modeling Languages

For the engineering of systems of a particular domain, Domain Specific Modeling Languages (DSML) – domain-oriented languages for solving specific classes of problems related to such a domain – are becoming a common-place in software and system engineering. Furthermore Model Driven Engineering suggests multidimensional system development with a domain specific modeling language for each dimension. With domain specific modeling languages software intensive systems design is moved from the implementation domain, to the problem domain. In this way productivity of software development process is improved because most of the design time is spent on solving problems in their domain, and implementation is left to be done (semi)automatically.

The importance of non-functional properties (NFP) of software systems, such as availability, reliability, performance, security and so on is generally acknowledged by the software engineering community. They are at least important as functional, and must be considered during software system design. Estimation and evaluation of NFP are usually done with mathematical analytical models, simulation models, or measurement and assessment.

The [Journal of Software and Systems Modeling](#) therefore seeks original, high-quality manuscripts for its special section on Non-functional System Properties in Domain Specific Modeling Languages, to appear in 2009. This special section concentrates on topics of integrating non-functional system properties estimation and evaluation in process of software development with DSMLs including:

- Foundations
e.g., theory and principles of non-functional system properties estimation and evaluation integration in DSML engineering
- Tools
e.g. tool support for non-functional system properties annotation, estimation and evaluation of DSML system models
- Traceability
e.g. non-functional system properties in DSMLs and traceability of requirements in implementation

General Author Information

- Transformation
e.g. non-functional properties of transformation, transformation dependent non-functional properties, ...
- Domain specific non-functional properties
e.g. non-functional properties of embedded systems, health-care systems,...
- Legal policies
e.g. integration and assessment of legal policies of non-functional system properties in DSMLs

Making a Submission

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- 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.

Further Information

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- 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 “Prof. Dr. Bernhard Rumpe” as the “Editor-in-Chief” (EIC).
 - In step 4, add “NFPinDSML Theme Section Editors, Boskovic, Gasevic, Pahl, Schaetz” as an editor and choose “Designate as Preferred Editor”.
 - In step 5, make sure field “Cover Letter” includes the line: “Submission for Theme Section on NFPinDSML”.

If you have any questions or require additional information about this special theme issue, please look at the website: <http://planet-mde.org/nfpindsm> or contact the editors at the following email address: SoSyM.NFPinDSML@SE.Informatik.Uni-Oldenburg.DE