



Computer Languages, Systems & Structures

Call for Papers:

Special issue on Quality in Model-Driven Engineering

We seek novel contributions ranging from conceptual frameworks to case studies on how to leverage ICT systems quality with MDE techniques, as well as how to induce quality assurance in the MDE lifecycle itself. Suggested topics of interest include, but are not restricted to:

- Quality models in the MDE context
- Quality assurance in the MDE development flow
- Evaluating the quality of models and metamodels
- Models' traceability throughout the lifecycle
- Assessing quality in model transformations
- Measuring the improvement achieved with an MDE approach, specially regarding quality
- Scalability of quality evaluation techniques
- Formalization of modeling quality aspects
- Quality in the context of model-driven service oriented systems
- Case studies and lessons learned in applying MDE in industry
- Empirical studies on the quality of MDE processes
- Modeling and analyzing quality standards
- Role of MDE in the quality evaluation of software maintenance, evolution and migration scenarios.

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Submission Guidelines:

The work submitted should not be previously published or submitted elsewhere for publication. In case the authors are extending a previous conference version, the submitted article should contain at least 30% new material. Also the authors are requested to attach the previous published conference version and explain the novelty of their extended version, submitted for journal publication. The authors should refer to "Guide for Authors" at <http://www.journals.elsevier.com/computer-languages-systems-and-structures/> to see the expected manuscript format. The manuscripts along with all the required supplementary material should be submitted using Elsevier Editorial System (EVISE - <https://www.elsevier.com/editors/evise>). The authors should choose "SI: QualityMDE" when they reach the "Article Type" step of the submission process. The manuscripts would be reviewed according to COMLAN reviewing policies using EES system. For further questions and queries contact the corresponding Guest Editor Dr. Jordi Cabot.

Important Dates:

November 1st 2016: Deadline for registering interest in making a submission (by e-mail to the guest editors)

February 1st 2017: Deadline for papers

May 1st 2017: 1st notification for authors

July 1st 2017: Submission of revised papers

September 15th 2017: 2nd round of reviews

November 15th 2017: Camera ready final manuscript

March, 2018: Tentative publication date

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