6th International Workshop on Comparison and Versioning of Software Models (CVSM 2015)

Call for Contributions

The 6th International Workshop on Comparison and Versioning of Software Models (CVSM’15), which is co-located with the 10th Joint Meeting of the European Software Engineering Conference and the ACM SIGSOFT Symposium on the Foundations of Software Engineering ESEC/FSE this year, brings together researchers and practitioners in the field of model versioning. It aims at collecting and consolidating experience gained in this technology, at distinguishing unresolved from solved questions, at identifying reasons why questions have remained unsolved, and at identifying new technical challenges which emerged after first practical applications.

Topics Of Interest
The main topics of the workshop are versioning, evolution, comparison, differencing, patching and merging of software and system models. Topics of interest include, but are not limited to, the following:

- algorithms and concepts:
  - comparison of models (algorithms, heuristics, complexity, quality, syntactic vs. semantic differencing)
  - application- / domain-specific differencing
  - (structured) merging and patching of models (conflicts, conflict resolution)
  - meta-models for differences
  - co-evolution of models and meta-models
  - model, schema and ontology matching

- tooling:
  - visual presentation of differences
  - management of model variants
  - architectures for model versioning tools
  - usability of model versioning tools
  - integration of text- and graph-based tools for differencing and merging

- applications and case studies
  - requirements on difference tools
  - assessment of existing technologies and tools
  - quality aspects of model versioning and differencing

Information for Authors
CVSM’15 invites two types of submissions:

Scientific papers (max. 6 pages) should describe novel approaches, in-depth case studies and similar contributions. Submission of tool demonstrations and data-set based contributions are also invited. Scientific papers will be evaluated w.r.t. the scientific contribution and the relevance to the workshop goals.

Position papers (max. 2 pages) should stimulate discussion by addressing open issues, raising relevant questions and/or reporting own experiences. Position papers will be evaluated w.r.t. the relevance to the workshop topics and goals.

All submissions must be written in English and must conform to the ACM Conference Format. Submissions are handled electronically via EasyChair: [http://www.easychair.org/conferences/?conf=cvsm2015](http://www.easychair.org/conferences/?conf=cvsm2015). This page contains further instructions.

Submissions will be made available on the workshop website [http://pi.informatik.uni-siegen.de/CVSM2015](http://pi.informatik.uni-siegen.de/CVSM2015) in advance of the workshop. Additionally, accepted scientific papers will be published in the ACM digital library.

Important Dates
Deadline for submissions: 05.06.2015
Notification: 29.06.2015
Camera-ready versions due: 15.07.2015
Workshop Date: 01.09.2015

Organizers
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