The 8th International Workshop on Variability Modelling of Software-intensive Systems

VAMOS 2014

22-24 January, Sophia Antipolis, Nice, France http://www.vamos-workshop.net

Variability management is a major challenge in the development, maintenance, and evolution of software-intensive systems. VaMoS 2014 focuses broadly on innovative work in the area of variability modelling and management. We particularly invite contributions with a strong variability modelling aspect, but also addressing the wider area of variability management, e.g., requirements, architecture, analysis, implementation, and evolution. The VaMoS workshop series aims at bringing together researchers and practitioners from different areas dedicated to mastering variability to discuss advantages, drawbacks, and complementarities of various approaches and to present new results for mastering variability throughout the whole lifecycle of systems, system families, and product lines.

The workshop will feature invited keynotes as well as peer-reviewed paper presentations. We welcome submissions on the following topics:

- Variability across the software lifecycle
- Separation of concerns and modularity
- Variability evolution
- Variability mining and reverse-engineering
- Feature, aspect, and service orientation
- Software configuration management and version control
- Architecture and design approaches for variability
- Software economic aspects of variability
- Visualization and management of variability
- Adaptivity at runtime and development time
- Reasoning about variability
- Analysis of models and artifacts with variability
- Programming languages and tool support
- Case studies, empirical studies and experience reports

Format

VaMoS 2014, like the previous VaMoS workshops, will be a highly interactive event. Each session is organized such that discussions among presenters of papers, discussants and other participants are stimulated. Typically, after a paper is presented, it is immediately discussed by pre-assigned discussants, after which a free discussion involving all participants follows. Each session is closed by a general discussion of all papers presented in the session. The workshop language is English.

Submissions Types

- Research papers describing novel contributions to the field of variability.
- Problem statements describing open issues of theoretical or practical nature.
- Reports on positive or negative experiences with techniques and tools related to VaMoS
- Surveys and comparative studies that investigate pros, cons and complementarities of existing VaMoS-related approaches.
- Research-in-progress reports including research results at a premature stage
- Vision papers stating where the research in the field should be heading towards
- Demonstrations describing the variability-related features of software development tools.

The proceedings will be available to participants during the event, and archived in ACM Digital Library. Previous editions of VaMoS have been indexed by DBLP.

NEW!!! The authors of best papers accepted for VAMOS'14 will be invited to submit full versions to a special section of the Springer's SoSyM journal devoted to this edition of the workshop (subject to a separate review process).

Abstract due: 27 October 2013 23.59 UTC-11
Papers due: 3 November 2013 23.59 UTC-11
Author Notification: 7 December 2013

Keynote Speaker

Bran Selic, Malina Software, Canada
Juha Savolainen, Danfoss, Denmark

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Karina Villela, Fraunhofer IESE
Claudia Werner, Federal University of Rio de Janeiro

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