

VaMoS



Fourth International Workshop on Variability Modelling of Software-intensive Systems

Linz, Austria— January 27-29, 2010

www.vamos-workshop.net

Celebrating 20 years of Feature Models

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Call for Papers

Managing variability is a major issue in the development, maintenance and evolution of software-intensive systems. To be managed effectively and efficiently, variability must be explicitly modelled. Numerous variability modelling techniques have been proposed both by academia and industry.

The aim of the VaMoS workshop series is to bring together researchers from various areas of variability modelling to discuss advantages, drawbacks and complementarities of various approaches and to present new results for variability modelling and management.

Workshop Format

VaMoS 2010, like the three previous VaMoS workshops, will be a highly interactive event. Each session will be 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.

Attendance is restricted to authors of accepted papers, invited speakers, organisers and PC members.

Topics (non-exclusive)

- Modelling variability in functional, quality and economics requirements
- Modelling variability in the architecture
- Separation of Concerns
- Feature oriented software development
- Visualization of variability
- Handling complexity
- Formal reasoning and automated analysis on variability
- Configuration in variability management
- Application (e.g., embedded systems, information systems, service-based systems)
- Tool support

Featuring keynotes by
Prof. K. Kang and Prof. K. Czarnecki

Submissions

We look forward to receiving the following types of submissions:

- **Problem statements** describing open issues of theoretical or practical nature.
- **Experience reports** which report on positive or negative experiences.
- **Surveys and comparative studies** that investigate pros, cons and complementarities of existing variability modelling approaches.
- **Research in progress** including research results at a premature stage.
- **Vision papers** stating where the research in the field should be heading towards.
- **Tool demonstrations** describing the variability-related features of CASE tools.

The length of the submitted papers should be between 4 and 8 pages in IEEE CS proceedings format. Details on how to submit will be available on the VaMoS web site: www.vamos-workshop.net

Publication

The proceedings of the workshop will be published as a Research Report. VaMoS proceedings are indexed in the DBLP database.

Important Dates

Submission deadline: November 20, 2009
Notification of acceptance: December 10, 2009
VaMoS workshop: January 27-29, 2010

Venue

VaMoS will be hosted by the Johannes Kepler University Linz, Austria.



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