Symposium on
Software Variability: a Programmers Perspective
Organised by PROG-SSEL at the Vrije Universiteit Brussel, Brussels, Belgium

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In cooperation with

VARiBRU
Variability in Software-Intensive Product Development

MoVES
Modelling, Verification and Evolution of Software

About SVPP'08

Model-Driven Engineering (MDE) is an approach to software design and development in which models are the primary artifacts, and play a key role. The major objective of MDE is to increase productivity and reduce time-to-market by raising the level of abstraction and using concepts closer to the problem domain at hand, rather than those offered by programming languages. Models represent domain-specific concepts and conform to metamodels.

A core task of MDE is the manipulation and transformation of models. Thus, model co-evolution and consistency management become crucial activities to cope with the natural changes of any software system. In fact, there is an increasing need for more disciplined techniques and engineering tools to support a wide range of model evolution activities, including model differencing, model comparison, model refactoring, model inconsistency management, model versioning and merging, and co-evolution of models.

> **The main objective of this workshop is to provide a forum for researchers and practitioners who work on innovative solutions to deal with model co-evolution and consistency management**

Topics

The scope of the MCCM'08 workshop combines two complementary research axes, namely model co-evolution and model consistency management.

- Classifications of co-evolution scenarios
- Classifications of consistency relationships/inconsistency problems
- Coordination of models, metamodels
- Model, metamodel evolution and co-evolution
- Co-evolution of models and code
- Impact analysis in the context of model co-evolution
- Formal approaches to model consistency management
- Transformational techniques for model co-evolution
- (Automated) synchronisation of evolving models
- Model inconsistency detection and resolution
- Runtime models and consistency validation
- Maintenance of mappings and traceability links between evolving models
- Development and maintenance processes for model consistency management
- Model differencing, comparison, versioning
- Experience reports in the context of MCCM

Submissions

We welcome both short position papers (max. 6 pages) and long technical papers (max. 15 pages). All submissions will be formally peer reviewed by at least three reviewers. Short position papers can contain preliminary work or visionary ideas that still require work. Long technical papers are intended for more mature research results. All papers must be written in English, and should adhere to the Springer LNCS formatting guidelines. Contributions can be uploaded in PDF-format using the EasyChair submission system:

http://www.easychair.org/conferences/?conf=mccm2008