Preface

The fundamental premise of product line engineering (PLE) is that the investment in a family of products pays off later by allowing systematic, efficient derivation of products. This should be automated as much as possible, which can be achieved via model-driven engineering (MDE) techniques. Research in PLE and MDE has many intersections. PLE leverages MDE to specify variability, domain concepts, configurations and more. (Semi-) automated product derivation requires mappings between the models on different abstraction layers and model transformations to derive an implementation from a configuration.

In addition, latest research shows the increasing need for concepts to deal with very large and evolving systems. Product lines can no longer rely on an immutable scope but need to be considered as evolving systems which can span over organisational boundaries. Thus, there is a need to apply and investigate latest concepts from MDE like model-driven evolution and co-evolution, consistency management, multi-paradigm modelling, etc.

In this workshop we aimed to bring together researchers and practitioners to foster the exchange of concepts and ideas between them to address these challenges.

This book compiles the proceedings of the second edition of the MDPLE workshop. Out of 12 submissions, 7 were selected for publication. Each submission was reviewed by at least three program committee members.

The organisers also invited Øystein Haugen, SINTEF and University of Oslo, an internationally renowned speaker, to deliver the keynote address to the workshop participants.

May 2010

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# Table of Contents

Common Variability Language – Emerging Standard (Keynote) ........... 1  
Øystein Haugen

Towards a Process-Line for MDPLE ........................................... 3  
Maider Azanza, Josune De Sosa, Salvador Trujillo, and Oscar Díaz

Extending a Model-Driven Engineering Environment to Support  
Product Line Engineering ....................................................... 13  
Dolev Dotan, Tomer Amarilio, Gilad Sandoun, and Tuli  
Yatzkar-Huham

Variability Modeling in Model-Driven Software Product Line Engineering 25  
Hassan Gomaa and Michael Shin

Algebraic and Cost-based Optimization of Refactoring Sequences ........ 37  
Martin Kuhlemann, Liang Liang, and Gunter Saake

Model-driven Configuration of Function Net Families in Automotive  
Software Engineering .......................................................... 49  
Cem Mengi, Önder Babur, Holger Rendel, and Christian Berger

Managing Variability and Evolution of Business Document Models ...... 61  
Christian Pichler, Martina Seidl, and Christian Huemer

Towards Software Product Lines Application in the Context of a Smart  
Building Project ................................................................. 73  
Thibaut Possompès, Christophe Dony, Marianne Huchard, Hervé  
Rey, Chouki Tibernacine, and Xavier Vasques
VIII