

## VARY program

### Invitation session

09.00	Jon Whittle	Software Modeling and Reuse: the Good, the Bad and the Ugly
10.00	Øystein Haugen	On standardizing the Common Variability Language

### Coffee Break

10.30	Coffee Break	
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### Examples

11.00	Souvik Barat, Suman Roychoudhury and Vinay Kulkarni	A Model-Driven Approach for Specifying and Configuring Variability in Business Applications
11.45	Mohammad Abu-Matar and Hassan Gomaa	Service Variability Meta-Modeling for Service-Oriented Architectures

### Lunch 12.30 – 14.00

### Generic results

14.00	Paul Istoan, Jacques Klein, Gilles Perrouin and Jean-Marc Jezequel	A Metamodel-based Classification of Variability Modeling Approaches
14.45	Andreas Svendsen, Xiaorui Zhang, Øystein Haugen and Birger Møller-Pedersen	Towards Evolution of Generic Variability Models

### Coffee break / Poster Session

15.30	Julie Fant, Hassan Gomaa and Robert Pettit	Modeling Executable Architectural Design Patterns for Software Product Lines
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### Analysis

16.00	Arne Haber, Thomas Kutz, Holger Rendel, Bernhard Rumpe and Ina Schaefer	Towards a Family-based Analysis of Applicability Conditions in Architectural Delta Models
16.45	Xiaorui Zhang, Øystein Haugen and Birger Møller-Pedersen	Complexity Metrics for Software Product Lines
17.30	Wrap up VARY 2011	

## **Invited talk: Jon Whittle**

Software Modeling and Reuse: the Good, the Bad and the Ugly

How is model-driven engineering really used in industry? And, in practice, what is the relationship between MDE and other paradigms such as software product lines?

This talk will discuss results from a twelve month empirical study assessing how MDE is used in industry. This is the first large scale study of its kind. Data was collected using a three pronged approach: (1) a widely disseminated questionnaire which received over 400 responses; (2) in-depth interviews with around 30 MDE practitioners; (3) on-site observational studies with industry.

The study sheds light on the way that companies really are using MDE (or not), on how software reuse complements MDE, and on how we should be training and educating people in MDE.

### **Bio:**

Jon Whittle is a full Professor, Chair of Software Engineering and Royal Society Wolfson Merit Scholar at Lancaster University. He has parallel research interests in model-driven engineering and social computing. In particular, his recent interests are in how new social media and social networking can influence or contribute to MDE. Jon has been intimately involved with the MDE community for over ten years, having served as Chair of the Steering Committee of MODELS from 2006-2008 and serving as PC Chair in 2011. He also sits on the editorial board of the Journal of Software and System Modeling. Jon is currently principal or co-investigator on a number of interdisciplinary research projects, with a total net worth of around £5M.