Change Impact Analysis and Testing of Software Product Lines

+++++++++19 November 2012 – DAY 1+++++++++

10:00   Arrival, Coffee and Pastries

10:30   Welcome and Introductions
Jens Krinke, CREST Centre, Department of Computer Science, UCL, UK

11:15   Efficient Incremental Testing of Variant-Rich Software Systems
Ina Schaefer, Institute of Software Engineering and Automotive Informatics, TU Braunschweig, Germany

11:45   SPL Testing for Efficient Mobile Testing
Sven Euteneuer, SQS Software Quality Systems AG, Germany

12:15   Discussion

13:00   Sandwich lunch at the venue

14:00   Code Change Impact Analysis for Testing Configurable Software Systems
Mithun Acharya, Industrial Software Systems (ISS) Research Group, ABB Corporate Research, USA

14:30   Impact Analysis for Heterogeneous Component-Based Product Families
Leon Moonen &Amir Yazdanshenas, Simula Research Laboratory, Norway

15:00   Discussion

15:30   Refreshments

16:00   Analyzing the impact of changes to variability models on products
Rick Rabiser, Christian Doppler Laboratory for Automated Software Engineering, Johannes Kepler Universität, Austria

16:30   Search Based Software Engineering For Variability Management
Roberto-Erick Lopez-Herrejon, Johannes Kepler Universität, Austria

17:00   Discussion

17:30   Wrap up

18:15   Light Dinner at the Marlborough Arms

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+++++++++20 November 2012 – Day 2+++++++++

10:00 Arrival, Coffee and Pastries

10:15 **Feature-based Testing of SPLs: Pairwise and Beyond**
Gilles Perrouin, University of Namur, Belgium

10:45 **Discussion**

11:00 Refreshments

11:30 **An Introduction To Conflict Resolution with Range Fixes in Software Configuration**
Arnaud Hubaux, University of Namur, Belgium

12:00 **An Architectural Approach to Support Online Updates of SPL Products**
Danny Weyns, Department of Computer Science, Linnaeus University, Sweden

12:30 **Discussion**

13:00 Sandwich lunch at the venue

14:00 **Foundations for Impact analysis of SPL specifications**
Kelly Androutsopoulos, CREST Centre, Department of Computer Science, UCL, UK

14:30 **Model-Based Conformance Testing of Software Product Lines**
Malte Lochau, Institut für Programmierung und Reaktive Systeme, TU Braunschweig, Germany

15:00 **Discussion**

15.30 Refreshments

16:00 **Open Discussion: Where Next?**

16:45 **Wrap up**

17:15 **Close**