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