



The 25th CREST Open Workshop
Requirements and Test Optimisation

+++++++11 February 2013 – DAY 1+++++++

10:00 *Arrival, Coffee and Pastries*

10:20 **Welcome and Introductions**
Mark Harman, CREST Centre, SSE Group, Department of Computer Science, UCL

11:00 **Requirements and Testing as Risk Minimisation**
Emmanuel Letier, SSE Group, Department of Computer Science, UCL, UK

11:30 **Discussion**

11:45 **Requirements engineering and reality: Specifying a million-user system**
Ian Sommerville, Department of Computer Science, St Andrews University, UK

12:15 **Discussion**

13:15 *Sandwich lunch at the venue*

14:15 **Optimization models for non-functional requirements validation**
Vittorio Cortellessa, Computer Science Department, University of L'Aquila, Italy

14:45 **Discussion**

15:00 **Improving requirements testing with defect taxonomies**
Michael Felderer, Institute of Computer Science, University of Innsbruck, Austria

15:30 **Discussion**

15:45 *Refreshments*

16:15 **Optimising overtime planning**
Federica Sarro, CREST Centre, SSE Group, Department of Computer Science, UCL, UK

16:45 **Discussion**

17:00 **Mining App store requirements**
Yue Jia, CREST Centre, SSE Group, Department of Computer Science, UCL, UK

17:30 **Discussion**

18:00 **Wrap up**

18:30 *Light Dinner at the Marlborough Arms*



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+++++++12 February 2013 – Day 2+++++++

9:30 *Arrival, Coffee and Pastries*

10:00 **Requirements are Properties of System Behaviours**
Michael Jackson, Department of Computing, The Open University and School of Computing Science,
University of Newcastle, UK

10:30 Discussion

10:45 **Pricing Crowdsourcing-based Software Development Tasks**
Ke Mao, Lab for Internet Software Technologies, Institute of Software, Chinese Academy of Sciences,
Beijing, China

11:15 Discussion

11:30 *Refreshments*

12:00 **Software release decisions – Advanced models and optimization methods**
Guenther Ruhe, Software Engineering Decision Support Laboratory, University of Calgary, Canada

12:30 Discussion

12:45 *Sandwich lunch at the venue*

13:45 **Interactive Search Approaches to Requirements Prioritisation**
Angelo Susi, FBK - Fondazione Bruno Kessler, Italy

14:15 Discussion

14:30 **Requirements Elaboration: An Inductive Search Problem**
Dalal Alrajeh, Department of Computing, Imperial College London, UK

15:00 Discussion

15:15 *Refreshments*

15:45 **Search based requirements selection and optimisation**
Yuanyuan Zhang, CREST Centre, SSE Group, Department of Computer Science, UCL, UK

16:15 Discussion

16:30 Wrap-up

17:00 Close