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