



The 32nd CREST Open Workshop
Software Engineering for Systems Developed in Functional Languages

+++++++24 March 2014 – DAY 1+++++++

10:00 *Arrival, Coffee and Pastries*

10:30 **Welcome and Introductions**

Mark Harman, CREST Centre, SSE Group, Department of Computer Science, UCL

11:15 **System tests from unit tests**

Alan Mycroft, Computer Laboratory, University of Cambridge, UK

11:35 **Discussion**

11:50 **Amorphous Program Slicing**

David Binkley, Computer Science Department, Loyola University Maryland, USA

12:10 **Discussion**

12:25 **Gen-O-Fix: An embeddable framework for Dynamic Adaptive Genetic Improvement Programming**

Jerry Swan, Computing Science and Mathematics, University of Stirling, UK

12:45 **Discussion**

13:00 *Sandwich lunch at the venue*

14:00 **Static contract verification for Haskell**

Dimitrios Vytiniotis, MSRC PPT group, Microsoft Research, Cambridge, UK

14:20 **Discussion**

14:35 **ParaForming: Forming Parallel Functional Programs using Advanced Refactoring Techniques**

Kevin Hammond, School of Computer Science, at the University of St. Andrews, UK

14:55 **Discussion**

15:10 *Refreshments*

15:40 **Precise program slicing via term rewriting**

Raghavan Komondoor, Indian Institute of Science, India

16:00 **Discussion**

16:15 **TBA**

Yue Jia, CREST Centre, SSE Group, Department of Computer Science, UCL, UK

16:35 **Discussion**

16:50 **Jenga: The design of an expressive and scalable build system**

Nick Chapman, Jane Street, UK

17:10 **Discussion**

17:25 **Wrap-up**

18:00 **Close**



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+++++++25 March 2014 – DAY 2+++++++

9:30 *Arrival, Coffee and Pastries*

10:00 **The Golden Trinity of Erlang: How Something Simple Has Real Business Value**
Torben Hoffmann, Erlang Solutions, Denmark

10:20 **Discussion**

10:35 **Conditioned Slicing**

Sebastian Danicic, Department of Computing - Goldsmiths College London, UK

10:55 **Discussion**

11:10 *Refreshments*

11:40 **Breakout groups**

12:40 *Lunch at the venue*

13:40 **Plenary and feedback for groups**

14:40 **TBA**

Don Syme, Microsoft Research, Cambridge, UK

15:00 **Discussion**

15:15 *Refreshments*

15:45 **Refactoring functional programs: past and future**

Simon Thompson, School of Computing, University of Kent, UK

16:05 **Discussion**

16:20 **Wrap-up**

16:45 **Close**