



The 29th CREST Open Workshop
Software Redundancy

+++++++18 November 2013 – DAY 1+++++++

10:00 Arrival, Coffee and Pastries

10:30 Welcome and Introductions

Jens Krinke, CREST Centre, SSE Group, Department of Computer Science, UCL

11:00 Automatic Recovery from Runtime Failures

Alessandra Gorla, Computer Science, Saarland University, Germany

11:45 Redundancy in Manual System Testing - Blessing and Curse

Benedikt Hauptmann, Institut für Informatik, Technische Universität München, Germany

12:30 Sandwich Lunch at the venue

13:30 Software design diversity - from conceptual modelling to practical implementations

Peter Popov, Centre for Software Reliability, City University London, UK

14:15 Software-based Fault-Tolerance - Mission (Im)possible?

Peter Ulbrich, Department of Computer Science 4, Friedrich-Alexander-Universität Erlangen-Nürnberg, Germany

15:00 Refreshments

15:30 In the tension of Software redundancy and variability

Sandro Schulze, Institut für Softwaretechnik und Fahrzeuginformatik, TU Braunschweig, Germany

16:15 Bio-Inspired Mechanisms for Coordinating Multiple Instances of a Service Feature in Dynamic Software Product Lines

Jaejoon Lee, School of Computing & Communications, Lancaster University

17:00 Feature Reduction

Sarunas Marciuska, Free University of Bozen - Bolzano, Italy

17:45 Wrap up

18:00 Close



The 29th CREST Open Workshop
Software Redundancy

+++++++19 November 2013 – Day 2+++++++

- 9:00 On the Naturalness Software: A Research Vision**
Earl Barr, CREST Centre, SSE Group, Department of Computer Science, UCL, UK
- 9:45 Redundancy and/or abstraction**
Friedrich Steimann, Fakultät Mathematik und Informatik, FernUni Hagen, Germany
- 10:30 Refreshments*
- 11:00 Diversity in Test Suite Optimization**
Annibale Panichella, Department of Mathematics and Informatics, University of Salerno, Italy
- 11:45 Lightweight Language-Independent Program Slicing**
Jens Krinke, CREST Centre, SSE Group, Department of Computer Science, UCL, UK
- 12:30 Sandwich lunch at the venue*
- 13:30 Listening to big data: Philately will get you everywhere**
Michael Godfrey, University of Waterloo, Canada
- 14:15 Searching for better configurations: A rigorous approach to clone evaluation**
Yue Jia, CREST Centre, SSE Group, Department of Computer Science, UCL, UK
- 15:00 Refreshments*
- 15:30 Fault Detection and Localisation in Reduced Test Suites**
Árpád Beszédes, University of Szeged, Hungary
- 16:15 Exploiting Redundant Test Cases in Fault Localisation: Good or Bad?**
Alexandre Perez, Faculdade de Engenharia da Universidade do Porto, Portugal
- 17:00 Wrap up**
- 17:30 Close**