The 26th CREST Open Workshop
Dynamic Adaptive Automated Search Based Software Engineering

+++++++++++22 April 2013 – 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  Keynote: Living with change and uncertainty, and the quest for incrementality
Carlo Ghezzi, Dipartimento di Elettronica e Informazione, Politecnico di Milano, Italy

12:15  Discussion

12:30  Hyper-heuristics and Cross-domain Optimisation
Gabriela Ochoa, Computing Science and Mathematics, University of Stirling, UK

12:50  Discussion

13:05  Sandwich lunch at the venue

14:05  Adaptive Operator Selection with Rank-based Multi-Armed Bandits
Marc Schoenauer, INRIA Saclay - Île-de-France, Université Paris Sud, France

14:25  Discussion

14:40  Accuracy-Aware Program Transformations
Sasa Misailovic, Computer Science and Artificial Intelligence Laboratory, Massachusetts Institute of Technology, USA

15:00  Discussion

15:15  Refreshments

15:45  The Hyper-heuristic based Strategic Release Planning
Yuanyuan Zhang, CREST Centre, SSE Group, Department of Computer Science, UCL, UK

16:05  Discussion

16:20  Ensemble learning for software effort estimation: from static to dynamic solutions
Leandro Minku, CERCIA, School of Computer Science, University of Birmingham, UK

16:40  Discussion

16:55  Searching for Strategies that Verify MDE Toolchains
Simon Poulding, Department of Computer Science, University of York, UK

17:15  Discussion

17:30  Wrap up

18:00  End of day 1
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++++++++++ 23 April 2013 – Day 2++++++++++

9:30  Arrival, Coffee and Pastries

10:00 Optimization in dynamic environments
Juergen Branke, Warwick Business School, University of Warwick, UK

10:20 Discussion

10:35 Interactive and Adaptive Automated Testing Environments
Robert Feldt, Chalmers University of Technology, Sweden

10:55 Discussion

11:10 Refreshments

11:40 TBC
Michael Orlov, Department of Computer Science, Ben-Gurion University, Israel

12:00 Discussion

13:00 Sandwich lunch at the venue

14:00 The Programming Game: an alternative to GP for Expression Search
David White, Computing Sciences, University of Glasgow, UK

14:20 Discussion

15:00 Refreshments

15:30 Genetic improvement of software: a case study
Justyna Petke, CREST Centre, SSE Group, Department of Computer Science, UCL

15:50 Discussion

16:05 Wrap-up

16:45 Close