10:00  Arrival, Coffee and Pastries

10:30  Welcome and Introductions
Mark Harman, CREST Centre, SSE Group, Department of Computer Science, UCL

11:15  A overview of SBSE
Shin Yoo, CREST Centre, SSE Group, Department of Computer Science, UCL, UK

12:15  Multi-armed bandits and Monte-Carlo tree search for system control under uncertainty
Michele Sebag, Université Paris Sud, France

13:15  Sandwich lunch at the venue

14:15  Bandit algorithms for Online Linear Optimization
Nicolo Cesa-Bianchi, Dipartimento di Informatica, Università degli Studi di Milano, Italy

14:45  Discussion

15:00  Local Search for MAXSAT: Constant time moves and constant time lookahead for very large problems
Darrell Whitley, Department of Computer Science, Colorado State University, USA

15:30  Discussion

15:45  Refreshments

16:30  Active Learning for Multi-Objective Optimization
Andreas Krause, Learning & Adaptive Systems Group, ETH Zurich, Switzerland

17:00  Discussion

18:00  Wrap up

18:15  Light Dinner at the Marlborough Arms
Machine Learning and Search Based Software Engineering (ML&SBSE)

+++++++++++31 January 2013 2012 – Day 2+++++++++++ 

9:30  Arrival, Coffee and Pastries

10:00  Characterizing the Windows Software Development Environment
       Brendan Murphy, Microsoft Research, Cambridge, UK

10:30  Discussion

10:45  Over the Horizon: ML+SBSE = What?
       Tim Menzies, Lane Department of Computer Science & Electrical Engineering, West Virginia
       University, USA

11:15  Discussion

11:30  Refreshments

12:00  Software Effort Estimation as a Multi-objective Learning Problem
       Leandro Minku, CERCIA, School of Computer Science, University of Birmingham, UK

12:30  Discussion

12:45  Sandwich lunch at the venue

13:45  Machine Learning, the silver bullet?
       Ahmed E. Hassan, School of Computing, Queen's University, Canada

14:15  Discussion

14:30  Assessing the predictive performance of machine learners in software engineering
       Martin Shepperd, Information Systems and Computing, Brunel University, UK

15:00  Discussion

15:15  Refreshments

15:45  Sex as Gibbs Sampling: Modelling Evolution with a Tractable Markov Chain
       Chris Watkins, Department of Computer Science in Royal Holloway, University of London, UK

16:15  Discussion

16:30  TBC
       David Silver, Department of Computer Science, UCL, UK

16:45  Discussion

17:00  Wrap-up

17:15  Close