2012 Oxford Configuration Workshop

Thursday, January 12th

09:00 - 09:30  Tea and Coffee

09:30 - 11:00  Industrial Practice

   An Overview of Configurator Use at Siemens
   [A. Falkner, A. Haselböck, Siemens Austria]

   On the Compiled Approach of Solving Configuration
   Constraint Problems
   [H.R. Andersen, Configit]

   Product and Variant Configuration at SAP
   [A. Haag, SAP]

11:00 - 11:30  Tea and Coffee

11:30 - 12:30  Solver Technology

   Portfolio Solvers
   [L. Saïs, Lens]

   Automatic Solver Configuration
   [L. Kotthoff, St. Andrews]
12:30 - 14:00  **Lunch**

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14:00 - 15:30  **Complexity Theory**

- On Minimal Constraint Networks  
  [G. Gottlob, Oxford]

- (In-)Tractability of Overlapping Global Constraints  
  [E. Thorstensen, Oxford]

- When and How Does Complexity Theory Guide the Practitioner  
  [J. Petke, Oxford]

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15:30 - 16:00  **Tea and Coffee**

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16:00 - 17:00  **Optimisation**

- Honey Bee Foraging for Heuristic Optimisation  
  [D.T. Phảm, Birmingham]

- Soft Constraints for Optimisation  
  [S. Živný, Oxford]

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18:45  **Drinks and Dinner at Balliol College**
Friday, January 13th

09:00 - 09:30  **Tea and Coffee**

09:30 - 11.00  **Knowledge Representation and Reasoning**

  Answer Set Programs - Modelling and Solving  
  [M. Gebser, Potsdam]

  LoCo, a Logic for Configuration Problems  
  [C. Drescher, Oxford]

  Reasoning in LoCo with Answer Set Programming  
  [M. Aschinger, Oxford]

11:00 - 11:30  **Tea and Coffee**

11:30 - 12:30  **Software Configuration**

  Maintaining Software Package Installations and Repositories  
  for Free and Open Source Software Distributions  
  [R. Treinen, Paris]

  Using CSPs to Model OS Configuration  
  [J. Hewson, Edinburgh]

12:30 - 14:00  **Lunch**
14:00 - 15:00  **Applications**

Reconfiguration via Answer Set and Constraint Programming
[G. Friedrich, A. Ryabokon, Klagenfurt]

News for the Partner Units Problem
[C. Drescher, Oxford]

15:00 - 15:30  **Tea and Coffee**