

Monday

- 9:00-9:45 Introduction: aims, goals, ...
(Luc De Raedt, Pascal Van Hentenryck, Barry O'Sullivan)
- CP*
- 9:45-10:45 Tutorial CP (Helmut Simonis)
- 10:45-11:15 **Break**
- 11:15-12:00 Introduction of CPers (2 min pp, no slides)
- 12:00-13:45 **Lunch**
- DM for CP*
- 13:45-14:30 Barry O'Sullivan
- DM*
- 14:30-15:30 Tutorial DM (Bart Goethals)
- 15:30-16:00 **Break**
- 16:00-16:45 Introduction of DMers (2 min pp, no slides)
- 16:45-18:00 Panel, organization of discussion groups / challenges, planning

Tuesday

- DM*
- 9:00-9:30 Ian Davidson
An Overview and Open Challenges to Adding Constraints to
Non-Hierarchical and Hierarchical Clustering
- 9:30-10:00 Dan Roth
Constraint conditional models
- 10:00-10:30 Discussion
- 10:30-11:00 **Break**
- 11:00-11:30 Siegfried Nijssen
Constraint programming for pattern mining
- 11:30-11:50 Bruno Cremilleux
Discovering knowledge by combining primitives in the constraint
programming framework
- 11:50-12:15 Roberto Bayardo
Extremal sets
- 12:15-13:45 **Lunch**
- 13:45-14:15 Pierre Dupont
Two combinatorial optimization problems in Machine Learning

- CP*
- 14:15-14:45 Michele Sebag
Lifelong learning in Constraint Solving
- 14:45-15:15 Yves Deville
Reinforced adaptive large neighborhood search
- 15:15-15:45 Discussion
- 15:45-16:15 Break**
- 16:15-16:45 Laurent Michel
Search & Black-box constraint programming solvers
- 16:45-18:00 Discussion groups

Wednesday

- ML*
- 9:00-9:45 Tijn De Bie
- 9:45-10:05 Georgiana Ifrim
Sequence Classification in High Dimensional Predictor Space
- 10:05-10:30 Discussion
- 10:30-11:00 Break**
- 11:00-11:30 Toby Walsh
Symmetry and model counting (for Bayesian inference)
- 11:30-12:00 James Cussens
Bayesian network learning using cutting planes
- 12:00-12:15 Discussion
- 14:30- Excursion**

Thursday

- 9:00-9:30 Rolf Backofen
- 9:30-10:00 Carmen Gervet
- 10:00-10:45 Pat Langley
Using and learning constraints in inductive process modeling
- 10:45-11:15 Break**
- 11:15-11:45 Peter Van Roy
- Demos*
- 11:45-12:00 Sandy Moens
The MIME-framework
- 12:00-13:30 Lunch**

- 13:45-14:15 Hendrik Blockeel
Declarative Experimentation
- Demos*
- 14:15-14:30 Tias Guns
CP4IM
- 14:30-14:45 Jon Sneyers
AOPCALEAPS
- 14:45-15:00 Helmut Simonis
Constraint Seeker
- 15:00-15:15 James Cussens
Local scores for Bayesian network learning
- 15:15-15:30 Discussion
- 15:30-16:00 Break**
- 16:00-16:20 Christian Schulte
Gecode - an open constraint solving library
- 16:20-16:40 Guido Tack
MiniZinc - Towards a standard CP modelling language
- 16:40-18:00 Discussion groups

Friday

- 9:00-9:40 Chirstel Vrain & Arnauld Lallouet
- 9:40-10:30 Summary of discussion groups
- 10:30-11:00 Break**
- 11:00-12:00 Summary of discussion groups