

# 3<sup>rd</sup> PlanLearn Workshop (WS9 at ECAI-2010)

## August 17, 2010 - preliminary schedule -

8:45-10:30 : session 1 (5 + 4 x 25 min.)

- Opening
- Floarea Serban, Jörg-Uwe Kietz and Abraham Bernstein. An overview of Intelligent Data Assistants for Data Analysis
- Jörg-Uwe Kietz, Floarea Serban and Abraham Bernstein. eProPlan: A Tool to Model Automatic Generation of Data Mining Workflows
- Susana Fernandez, Ruben Suarez, Tomas de la Rosa, Javier Ortiz, Fernando Fernandez, Daniel Borrajo and David Manzano. Improving the Execution of KDD Workflows Generated by AI Planners
- Claudia Diamantini, Domenico Potena and Emanuele Storti. Supporting Users in KDD Processes Design: a Semantic Similarity Matching Approach

10:30-11:00 : coffee break

11:00-12:35 : session 2 (45 + 2 x 25 min)

- Michele Sebag: Monte-Carlo Tree Search: From Playing Go to Feature Selection (invited talk)
- Joaquin Vanschoren and Hendrik Blockeel. Collaborative Meta-Learning
- Rui Leite, Pavel Brazdil and Francisco Queirós. Using Active Testing and Meta-Level Information for Selection of Classification Algorithms

12:35-14:00 : lunch break

14:00-15:35 : session 3 (45 + 2 x 25 min)

- Luc De Raedt: Constraint Programming for Data Mining (invited talk)
- Ricardo Prudencio, Carlos Soares and Teresa Ludermir. Active Selection of Datasetoids for Meta-Learning
- Derry Wijaya, Alexandros Kalousis and Melanie Hilario. Predicting Classifier Performance using Data Set Descriptors and Data Mining Ontology

15:35-16:00 : coffee break

16:00-17:30 : session 4 (3 x 25 + 15 min)

- Hendrik Blockeel, Hossein Rahmani and Tijn Witsenburg. On the importance of similarity measures for planning to learn
- Artur Aiguzhinov, Carlos Soares and Ana Paula Serra. A Similarity-based Adaptation of Naive Bayes for Label Ranking: Application to Metalearning for Algorithm Selection
- João Gama and Petr Kosina. Recurring Concepts and Meta-learners
- Final Discussion (e.g. Future of the PlanLearn WS) + Closing

**Please not that at 18:15 the ECAI-2010 main conference will start with**

6.15-7.15 Invited Talk: Ian Horrocks, Oxford

7.30-> Welcome reception