

Workshop W8

1st International Workshop on Combinations of Intelligent Methods
and Applications (CIMA 2008)

Tuesday 22 July, 2008

Program (Room I-13)

Session 1 (9.00-10.00)

Combinations of Case-Based Reasoning with Other Intelligent Methods (short paper)

Jim Prentzas and Ioannis Hatzilygeroudis

An Architecture for Multiple Heterogeneous Case-Based Reasoning Employing Agent Technologies (short paper)

Elena I. Teodorescu and Miltos Petridis

Coffee Break (10.00-10.30)

Session 2 (10.30-12.30)

Improving the Accuracy of Neuro-Symbolic Rules with Case-Based Reasoning

Jim Prentzas, Ioannis Hatzilygeroudis and Othon Michail

Combining Intelligent Methods for Learner Modelling in Exploratory Learning Environments

Mihaela Cocea and George D. Magoulas

ANN for prognosis of abdominal pain in childhood: use of fuzzy modelling for convergence estimation

George C. Anastassopoulos and Lazaros S. Iliadis

Belief Propagation in Fuzzy Bayesian Networks

Christopher Fogelberg, Vasile Palade and Phil Assheton

Lunch (12.30-14.00)

Session 3 (14.00-15.30)

Combining Goal Inference and Natural-Language Dialogue for Human-Robot Joint Action

Mary Ellen Foster, Manuel Giuliani, Thomas Muller, Markus Rickert, Alois Knoll, Wolfram Erlhagen, Estela Bicho, Nzoji Hipolito and Luis Louro

Using Genetic Programming to Learn Models Containing Temporal Relations from Spatio-Temporal Data

Andrew Bennett and Derek Magee

Intelligently Raising Academic Performance Alerts

Dimitris Kalles, Christos Pierrakeas and Michalis Xenos

Coffee Break (15.30-16.00)

Session 4 (16.00-17.30)

A Tool for Evolving Artificial Neural Networks

Efstratios F. Georgopoulos, Adam V. Adamopoulos and Spiridon D. Likothanassis

Combining Argumentation and Hybrid Evolutionary Systems in a Portfolio Construction Application

Nikolaos Spanoudakis and Konstantina Pendaraki and Grigorios Beligiannis

Recognizing predictive patterns in chaotic maps

Nicos G. Pavlidis, Adam Adamopoulos and Michael N. Vrahatis