2007 6th International Conference on Machine Learning and Applications

(ICMLA 2007)

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Sixth International Conference on Machine Learning and Applications

ICMLA 2007

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Conference Committees
International Program Committee

Invited Speakers

Machine Learning for Information Management: Some Promising Directions
Dr. William Cohen, Carnegie Mellon University, USA

Probabilistic Graphical Models—Theory, Algorithm, and Application
Dr. Eric Xing, Carnegie Mellon University, USA

Machine Learning Challenges in Chemoinformatics and Drug Screening and Design
Professor Pierre Baldi, University of California Irvine, USA

Text Mining and Ontology Applications in Bioinformatics and GIS
Professor Shamkant B. Navathe, Georgia Institute of Technology, USA

Neural Networks with Complex-Valued Neurons for Recurrent and Feedforward Architectures
Professor Jacek M. Zurada, University of Louisville, USA

Learning in Biomedicine and Bioinformatics Using Affinity Propagation
Dr. Brendan J. Frey, University of Toronto, Canada

Technologies and Solutions for Trend Detection in Public Literature for Biomarker Discovery
Dr. Bernd Wachmann, Siemens Corporate Research, NJ, USA

Support Vector Machines

Evolutionary Methods

Data Mining

Learning

Text and Multimedia Learning

Application I

Learning

Classification

Application II

Regression/Prediction

Machine Learning in Web Based Real-Time Applications

Dimensionality Reduction

Induction, Model Selection and Evaluation

Reinforcement Learning/ Learning from Imbalanced Data/ Bayesian Networks

Unsupervised Learning

Feature Extraction and Selection / Ensemble Learning

Application III

Machine Learning Applications in Bioinformatics

Workshop Session: Machine Learning Applications in Biomedicine

Workshop Session: Machine Learning Applications in Genomics

Workshop Session: Machine Learning Applications in Proteomics

Workshop Session: Machine Learning Applications in Transcriptomics

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