

The 14th International Conference on Information Processing and Management of Uncertainty in Knowledge-Based Systems (IPMU 2012)

Tomáš Kühr

tomas.kuhr@upol.cz

International Center for Information and Uncertainty
Palacky University, Olomouc



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INVESTMENTS IN EDUCATION DEVELOPMENT

Basic information (IPMU 2012)

- July 9th – July 13th 2012
- Catania, Sicily, Italy
- organized by Economics Faculty of University of Catania
- 258 contributed papers
- by researchers from 36 countries
- 6 plenary talks
- 5 parallel sections



- Peter Wakker: Generalizing Law-Invariant Capacities to Capture Ambiguity Attitudes
- Roman Słowiński: Dominance-based Rough Set Approach to Reasoning about Vague Data
- Antonio Di Nola: Lukasiewicz logic and MV-algebras for a mathematical theory of fuzzy sets
- Tomohiro Takagi: Web marketing and analogical reasoning
- Kalyanmoy Deb: Uncertainty Handling Using Evolutionary Multi-Objective Optimization
- Christophe Marsala: Fuzzy Machine Learning in Dynamical Environments

Other interesting talks (IPMU 2012)

- Anett Hoppe, Stefan Haun, Julia Inthorn, Andreas Nürnberger, Michael Dick: (= (+ intelligence ?) wisdom)
- Rudolf Seising: Measures of Observables and Measures of Fuzziness
- Michal Krupka, Jan Laštovička: Fuzzy concept lattices with incomplete knowledge
- Milan Petrík, Radko Mesiar: Web-geometric view on uninorms and structure of some special classes
- Petr Osička: Algorithms for computation of concept trilattice of triadic fuzzy context

Some pictures (IPMU 2012)



The 8th International Conference on Machine Learning and Data Mining (MLDM 2012)

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Basic information (MLDM 2012)

- July 16th – July 20th 2012
- Berlin, Germany
- organized by Institute of Computer Vision and Applied Computer Sciences (IBal)
- part of World Congress 2012 The Frontiers in Intelligent Data and Signal Analysis (DSA)
- acceptance rate 33.5 %
- 71 contributed papers
- by researchers from 42 countries
- 4 plenary talks



- Graham Williams: Aspects of Data Mining
- Xiaoqing Ding: Face Recognition
- Hualan Zhang: Quantitative Measurement of Cellular Events
- Patrick S. P. Wang: Intelligent Pattern Recognition and Applications - An Interactive E-Learning System, Modeling and Simulation

Other interesting talks (MLDM 2012)

- Davide Maiorca, Giorgio Giacinto, and Iginio Corona: A Pattern Recognition System for Malicious PDF Files Detection
- Konstantinos Kalpakis, Shiming Yang, Peter F. Hu, Colin Mackenzie, Lynn Stansbury, Deborah M. Stein, and Thomas M. Scalea: Outcome prediction for patients with severe traumatic brain injury using permutation entropy analysis of electronic vital signs data
- Alberto Diez and Alberto Carrascal: A Multiclassifier Approach for Drill Wear Prediction
- Carlos Herrera-Yagüe and Pedro J. Zufiria: Prediction of telephone user attributes based on network neighborhood information
- Michael Glodek, Friedhelm Schwenker, and Günther Palm: Detecting Actions by Integrating Sequential Symbolic and Sub-Symbolic Information in Human Activity Recognition

Some pictures (MLDM 2012)

