

Tuesday, September 21, 2004

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19⁰⁰-21⁰⁰

Registration

Room "Stokrotka"

Welcome party

Wednesday, September 22, 2004

9⁰⁰-9³⁰ Registration Room "Stokrotka"

9³⁰-9⁴⁵ Opening ceremony Room "Malwa"

9 ⁴⁵ -10 ³⁰	Plenary talk: Miguel Delgado (University of Granada, Spain): <i>A Fuzzy General Framework for Association Rules. Some Applications</i> Chair: <i>Henrik L. Larsen</i>	Room "Malwa"
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10 ³⁵ -11 ³⁵	Session 1 Chair: <i>Adnan Yazici</i>	Room "Malwa"
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M. Delgado, C. Molina, D. Sanchez, M.A. Vila, L. Rodriguez-Ariza
A Linguistic Hierarchy for DataCube Dimensions Modelling
M. Dramiński, J. Koronacki, J. Ćwik, J. Komorowski
Monte Carlo Gene Screening for Supervised Classification
J. Verstraete, A. Hallez, G. De Tre
ETIN-based Vague Locations in GIS: distance

11³⁵-12⁰⁰ Coffee break

12 ⁰⁰ -13 ²⁰	Session 2 Chair: <i>Olgierd Hryniewicz</i>	Room "Malwa"
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A.H. Brini, M. Boughanem, D. Dubois
Towards a Possibilistic Model for Information Retrieval
E. Damiani, M.C. Nocerino, M. Viviani
*Knowledge Extraction from an XML Data Flow: Building a Taxonomy
Based on Clustering Technique*
C. Dezsényi, T. Mészáros, T. Dobrowiecki
Parser Framework for Information Extraction
**K. Ciesielski, M. Dramiński, M.A. Kłopotek, M. Kujawiak,
S.T. Wierzchoń**
Mapping Document Collections in Non-Standard Geometries

13²⁰-14³⁰ Lunch break

14 ³⁰ -15 ¹⁵	Plenary talk Andrzej Skowron (Warsaw University, Poland): <i>Vague Concepts: A Rough Set Approach</i> Chair: <i>Dragan Radojević</i>	Room "Malwa"
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15²⁰-16²⁰

Session 3A

Chair: *Nicolas Marin*

Room "Malwa"

R. Angryk, F. Petry

Discovery of Abstract Knowledge from Fuzzy Relational Databases

O. Bahar, A. Yazici, R. George

Normalization of Similarity-Based Fuzzy Relational Databases

A. Hallez, G. De Tre, J. Verstraete, T. Matthe

Application of Fuzzy Quantifiers on Possibilistic Truth Values

15²⁰-16²⁰

Session 3B

Chair: *Ignacio Requena*

Room "Stokrotka"

C. Garriga Berga

Building Controllers from Optimal Fuzzy Curves: a Simple and Intelligent Approach

F.L. Adarve, F. Antunez, A. Blanco

Fuzzy Spectral Biclustering for Microarrays

B. Butkiewicz, G. Nieradka

Fuzzy Clustering for Fuzzy Features

16²⁰-16⁵⁰

Coffee break

16⁵⁰-18¹⁰

Session 4A

Chair: *Jari Kortelainen*

Room "Malwa"

E. Rakus-Andersson, M. Salomonsson

Truncated Π -functions in Approximation of Multi-shaped Polygons

A.M. Radzikowska, E.E. Kerre

Lattice-based Fuzzy Information Relations and Operators

J. Drewniak, U. Dudziak

Safe Transformations of Fuzzy Relations

E. Mrówka, W. Pedrycz

Designing Confidence Intervals for the Proportion Under Vague Information

16⁵⁰-18¹⁰

Session 4B

Chair: *Marcin Detyniecki*

Room "Stokrotka"

A. Macioł, P. Macioł

Rules-based Reasoning in Information Interchange for Business Applications

N. Chen, A. Dahanayake

Requirements Acquisition for Designing Reliable Personalized Information Retrieval E-Services

J. de la Mata, J.A. Olivas, J. Serrano-Guerrero

Improving Web Search by Using Query Customization with GUMSe

J. Tchórzewski, I. Zarzycki, M. Soćko

Simulation of Electric Power Transmission Network Using Self-Organizing Neural Network

Thursday, September 23, 2004

9 ⁰⁰ -9 ⁴⁵	Plenary talk Bernard De Baets (Ghent University, Belgium): <i>Ordering Procedures for Random Variables</i> Chair: <i>Maria A. Vila</i>	Room "Malwa"
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9 ⁵⁰ -10 ⁵⁰	Session 5 Chair: <i>Daniel Sanchez</i>	Room "Malwa"
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T. Matthe, M. Leman, G. De Tre, R. De Caluwe, J. Gansemans
On the Applicability of Advanced Information Retrieval Techniques for a Database of African Music
J.-F. Omhover, M. Detyniecki
Combining Text and Image Retrieval
W. Homenda, K. Mossakowski
Music Symbol Recognition - Neural Networks vs. Statistical Methods

10⁵⁰-11²⁰ Coffee break

11 ²⁰ -12 ⁴⁰	Session 6 Chair: <i>Józef Drewniak</i>	Room "Malwa"
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R. Słowiński, S. Greco, Ph. Fortemps
Multicriteria Decision Support Using Rules Representing Rough-graded Preference Relations
A. Parracho Sant'Anna
Rough Sets in the Probabilistic Composition of Preference Evaluations
J. Järvinen, J. Kortelainen
A Note on Definability in Rough Set Theory
E. Benetto, Ch. Dujet
Possibilistic and Fuzzy Multicriteria Decision Support for Environmental and Risk Assessment

12⁴⁰-14⁰⁰ Lunch break

14 ⁰⁰ -14 ⁴⁵	Plenary talk Henri Prade (Universite Paul Sabatier, France): <i>Representing Preferences in the Possibilistic Setting</i> Chair: <i>Krassimir Atanassov</i>	Room "Malwa"
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14 ⁵⁰ -15 ⁵⁰	Session 7A Chair: <i>Ketty Peeva</i>	Room "Malwa"
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J.K. Mattila
Zadeh-Algebras as a Syntactical Approach to Fuzzy Sets
G. Metcalfe
Uninorm Based Logics
D. Radojević
Computing with Properties and New Theory of Fuzzy Sets – Real Set Theory

14⁵⁰-15⁵⁰

Session 7B

Chair: *Elisabeth Rakus-Andersson*

Room "Stokrotka"

M. Krawczak

An Example of Generalized Nets Application to Modeling of Neural Networks Simulation

K. Atanassov, E. Koycheva, E. Szmidt, V. Taseva

Generalized Nets as Tools for Control and Optimization of Real Processes

K. Atanassov, G. Gluhchev, S. Hadjitodorov, M. Savov, E. Szmidt

Signature Based Person Verification: a Generalized Net Model

15⁵⁰-16²⁰

Coffee break

16²⁰-18⁰⁰

Session 8A

Chair: *Danuta Rutkowska*

Room "Malwa"

L. Amgoud, H. Prade, M. Serrut

Flexible Querying with Argued Answers

S. Szaszko, L.T. Koczy

Identifying Concepts in Folkloristic Corpus by Fuzzy Pseudo-thesaurus

F. Herrera, C. Garcia, L. Martínez, P.J. Sanchez, B. Montes

A JAVA Based System for Evaluating Educational Skills

V. Atanassova

Intelligent System for Adaptive Electronic Testing

S. Zadrozny, J. Kacprzyk, M. Gola

Fuzzy Linguistic Summaries for a More Effective and Human Consistent Text Categorization

16²⁰-18⁰⁰

Session 8B

Chair: *Maciej Krawczak*

Room "Stokrotka"

K. Peeva, Y. Kyosev

Toolbox for Fuzzy Relational Calculus In MATLAB - An Overview

P. Grzegorzewski

The Generalized Coefficient of Concordance

K. Lendelova, B. Riecan

Weak Law of Large Numbers for IF-events

B. Kolev

An Intuitionistic Fuzzy Approach in Football Match Result Predictions

P. Nowak

Integral with Respect to a Monotone Measure on Intuitionistic Fuzzy Sets

Friday, September 24, 2004

9 ⁰⁰ -10 ⁴⁰	Session 9 Chair: <i>Vicenc Torra</i>	Room "Malwa"
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M. Delgado, O. Duarte, I. Requena

Evaluation of Investment Alternatives Using Financial and Non-Financial Information

E. Straszeka

The Meaning of Belief and Plausibility in Diagnosis Support

M. Pantoquilha, J. Netto, N. Viana, R. Ribeiro, J. Moura-Pires

Online and Offline Monitoring and Diagnosis of Spacecraft and Space Weather Status

S.T. Wierzchoń, K. Rogowski

An Immune-based Algorithm for Anomaly Detection

S.V. Nath

Data Mining Approach to Network Intrusion Detection System

10⁴⁰-11¹⁰ Coffee break

11 ¹⁰ -12 ³⁰	Session 10 Chair: <i>Laszlo T. Koczy</i>	Room "Malwa"
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J. Dujmovic, H.L. Larsen

Properties and Modeling of Partial Conjunction/Disjunction

R.A. Ribeiro, R.A. Marques Pereira

The Role of Weighting Functions in Ranking Alternatives

J. English, R. George, A. Yazici

A Fuzzy Spatio-Temporal Query Model for Facilitating Decision Support in Operational Planning

J. Kacprzyk, S. Zadrozny

Group Consensus Diagnosis via Linguistic Summaries

12³⁰-13⁴⁵ Lunch break

13 ⁴⁵ -14 ⁴⁵	Special talk Alexis Tsoukias, EURO President Elect (<i>Université Paris Dauphine LAMSADE-CNRS, France</i>): <i>The Future of OR and EURO</i> Chair: <i>Bernard De Baets</i>	Room "Malwa"
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14 ⁵⁰ -15 ³⁵	Plenary talk Ashley Morris (DePaul University, USA): <i>Managing Uncertainty in GIS and Spatial Databases</i> Chair: <i>R.A. Ribeiro</i>	Room "Malwa"
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15³⁵-16⁰⁰ Coffee break

16 ⁰⁰ -17 ⁴⁰	Session 11A Chair: <i>Jorma Mattila</i>	Room "Malwa"
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D. Rutkowska

Perception-based Classification by Neuro-Fuzzy and Neural Networks

V. Torra, Y. Narukawa

Towards the Definition of Fuzzy Measures for Fuzzy Systems

M. Socorro García, M. Teresa Lamata

A New Approach for Ranking Fuzzy Numbers

L. Besson, B. Leroux, E. Leclercq, M.-N. Terrasse

Iko-Sem: a Model-Centered Methodology for Image Database Engineering

Q. Wei, G. Chen, Y. Liu

Discovering Quantitative Functional Dependencies with Degrees of Satisfaction based on Fuzzy Closeness Measure

17⁴⁵ Closing of the Workshop

20⁰⁰ Banquet Gromada Hotel