

IADIS European Conference on Data Mining 2010

PRELIMINARY CONFERENCE PROGRAM

Wednesday 28th, July 2010

08:30-17:00 Welcome Desk

11:45-12:00 Session O – Opening Session
(Room: 1228)

OPENING SESSION

Profs. Pedro Isaias and Ajith P. Abraham

10:00-11:00 Session KL1 – Keynote Presentation
(Room: 1228)

MINING FREQUENT CONJUNCTIVE QUERIES IN STAR SCHEMAS

Professor Dominique Laurent, ETIS, Univ. Cergy Pontoise, France

13:00-14:30 Lunch Break

14:30-16:35 Session FSP 28.1
Databases // Clustering
(Room: 1108)

AS3: A FRAMEWORK FOR AUTOMATIC SLEEP STAGE SCORING (F032)

Tim Schlüter, Timm Kijfels and Stefan Conrad

A NEW DENSITY-BASED CLUSTERING APPROACH IN GRAPH THEORETIC CONTEXT (F029)

Tülin Inkaya, Sinan Kayahgil and Nur Evin Özdemirel

TEMPUS: A PROTOTYPE SYSTEM FOR TIME SERIES ANALYSIS AND PREDICTION (F050)

Tim Schlüter and Stefan Conrad

A THREE-TIERED WEB BASED EXPLORATION AND REPORTING TOOL FOR DATA MINING (S017)

Ahmet Selman Bozkir and Ebru Akcapinar Sezer

A BRIEF SURVEY ON CONSENSUS FUNCTIONS OF CLUSTERING ENSEMBLE (P022)

Ashraf Mohammed Iqbal and Abidalrahman Moh'd

Thursday 29th, July 2010

08:30-17:00 Welcome Desk

09:30-10:55 Session FSRP 29.1
Data Mining Applications
(Room: 1142)

CAN CITATIONS PREDICT SOCIO-COGNITIVE RELATIONSHIPS IN PEER REVIEW SYSTEM? (F083)

Muhammad Salman Khan

PREVENTIVE DIAGNOSTICS FOR CARDIOVASCULAR DISEASES BASED ON PROBABILISTIC METHODS AND DESCRIPTION LOGIC (S077)

Björn-helge Busch, Ralph Welge, Christian Weiß and Markus Bette

MUTINY: A MULTI-TIME INTERVAL PATTERN DISCOVERY APPROACH TO PRESERVE THE TEMPORAL INFORMATION IN BETWEEN (S027)

Alessio Bertone, Tim Lammarsch, Thomas Turic, Wolfgang Aigner, Silvia Miksch and Johannes Gärtner

COMPUTER ASSISTED AUDIT TOOLS IN REAL WORLD: IDEA APPLICATIONS AND APPROACHES' IN REAL CONTEXT (R075)

Isabel Pedrosa and Carlos Costa

11:00-11:30 Coffee Break

11:30-13:00 Panel Session
(Room: 1142)

13:00-14:30 Lunch Break

14:30-16:55 Session FSP 29.2
Web mining // Classification
(Room: 1142)

SCENES DETECTION AND RECOMMENDATION ACCORDING TO WEB PHOTOGRAPHS WITH GPS INFORMATION (F056)

Hao-Chen Wang and Hsien-Tsung Chang

INCREMENTAL LEARNING OF RELATIONS FROM THE MOST FREQUENT PATTERNS IN CONVERSATIONS ON MICROBLOGGING SERVICES (S076)

Sijin He, Yike Guo and Moustafa Ghanem

STUDY OF WEBSITE STRUCTURE PATTERNS FROM THE PERSPECTIVE OF SOCIAL NETWORK ANALYSIS (S024)

B. Palacios, M. R. Martínez Torres, S. L. Toral and F. Barrero

OPTIMAL PERIMETER OF THE NEIGHBOURHOOD IN FUZZY DECISION TREE (S030)

Youthachai Lertworapachaya and Yingjie Yang

MODULAR DATA HIDING FOR DIGITAL IMAGE AUTHENTICATION (S016)

Svetozar Ilchev and Zlatoliliya Ilcheva

TEXT AUTHORSHIP DETECTION USING DECISION TREES AND ASSOCIATION RULES OVER N-GRAM (P074)

Hiroshi Sugimura, Yuta Taniguchi, Ryosuke Saga and Kazunori Matsumoto

20:00 Conference Dinner

Friday 30th July 2010

08:30-13:30 Welcome Desk

09:40-11:00 Session FSP 30.1

Classification

(Room: 1142)

AN INCREMENTAL SPARSE LS-SVM CLASSIFICATION METHOD FOR IMBALANCED DATA SETS (F053)

Leichen Chen, Zhihua Cai and Shuang Ao

MISFEASOR CLASSIFICATION AND DETECTION MODELS USING MACHINE LEARNING TECHNIQUES (F073)

Nesrine Sameh, Neamat El Gayar and Nahswa Abdel-Baki

CHURN PREDICTION IN WIRELESS TELECOMMUNICATION - FUZZY DECISION TREES AND PATTERN TREES (S019)

Roland Merheb

11:00-11:30 Coffee Break

11:30-13:05 Session FSP 30.2

Core Data Mining Topics // Parallel and distributed data mining algorithms

(Room: 1142)

ESTIMATING THOSE TRANSFORMATIONS THAT PRODUCE THE BEST-FITTING ADDITIVE MODEL: SMOOTHERS VERSUS UNIVERSAL APPROXIMATORS (F049)

Da de Waal, Ses Campher and Jv du Toit

AN EVALUATION OF META LEARNING AND DISTRIBUTION STRATEGIES IN DISTRIBUTED MACHINE LEARNING (F025)

Andreas D. Lattner, Alexander Grimme and Ingo J. Timm

SCALING UP THE ACCURACY OF AVERAGED ONE-DEPENDENCE ESTIMATORS WITH DECISION TREE-BASED ATTRIBUTE WEIGHTED (S052)

Jia Wu, Zhihua Cai, Zhechao Gao and Yaodong Zhang

MINING FREQUENT ITEMSETS WITH TREE SIGNATURES (P048)

Mohamed El Hadi Benelhadj, Mahmoud Boufaïda and Khedija Arour

12:50 Best Paper Awards Ceremony and Closing Session

(Room: 1142)

Profs. Pedro Isaias and Ajith P. Abraham