

IADIS European Conference on Data Mining 2009

PRELIMINARY CONFERENCE PROGRAM

Thursday 18th, June 2009

08:30-17:00 Welcome Desk

09:30-10:00 Session O – Opening Session
(Room: Alfanfina)

OPENING SESSION

Prof. Pedro Isaías and Prof. Ajith P. Abraham

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

TOWARD HIGHER LEVEL OF INTELLIGENT SYSTEMS FOR COMPLEX DATA PROCESSING AND MINING

Professor Kurosh Madani, Images, Signals and Intelligence Systems Laboratory (LISSI / EA 3956) PARIS XII University, Senart-Fontainebleau Institute of Technology, France

11:00-11:30 Coffee Break

11:30-12:30 Session KL2 – Keynote Presentation
(Room: Algar Seco)

HCI THROUGH THE ‘HC EYE’ (HUMAN-CENTRED EYE): CAN COMPUTER VISION INTERFACES EXTRACT THE MEANING OF HUMAN INTERACTIVE BEHAVIOUR?

Dr. Claude C. Chibelushi, Faculty of Computing, Engineering & Technology, Staffordshire University, UK

13:00-14:30 Lunch Break

14:30-16:50 Session FSP 18.1

Clustering

(Room: Alfanfina)

AN EXPERIMENTAL STUDY OF THE DISTRIBUTED CLUSTERING FOR AIR POLLUTION PATTERN RECOGNITION IN SENSOR NETWORKS (F058)

Yajie Ma, Yike Guo and Moustafa Ghanem

A NEW FEATURE WEIGHTED FUZZY C-MEANS CLUSTERING ALGORITHM (F087)

Huaiguo Fu and Ahmed M. Elmisery

A NOVEL THREE STAGED CLUSTERING ALGORITHM (F060)

Jamil Al-Shaqsi and Wenjia Wang

BEHAVIOURAL FINANCE AS A MULTI-INSTANCE LEARNING PROBLEM (F030)

Piotr Juszczak

MIDPDC: A NEW FRAMEWORK TO SUPPORT DIGITAL MAMMOGRAM DIAGNOSIS (S097)

Jagatheesan Senthilkumar, A. Ezhilarasi and D. Manjula

17:30 Conference Dinner

Friday 19th, June 2009

08:30-17:00 Welcome Desk

09:10-10:00 Session FSP 19.1

Bioinformatics

(Room: Alfanfina)

CONTINUOUS-TIME HIDDEN MARKOV MODELS FOR THE COPY NUMBER ANALYSIS OF GENOTYPING ARRAYS (F068)

Matthew Kowgier and Rafal Kustra

A TWO-STAGE APPROACH FOR RELEVANT GENE SELECTION FOR CANCER CLASSIFICATION (S084)

Rajni Bala and R. K. Agrawal

10:15-11:00 Poster Session

(Room: Alfanfina)

WIEBMAT, A NEW INFORMATION EXTRACTION SYSTEMEN (P019)

El ouerkhaoui Asmaa, Doukkali Aziz and Driss Aboutajdine

CLUSTER OF REUTERS 21578 COLLECTIONS USING GENETIC ALGORITHMS AND NZIPF METHOD (P026)

José Luis Castillo Sequera, José R. Fernández del Castillo and León González Sotos

I-SOAS DATA REPOSITORY FOR ADVANCED PRODUCT DATA MANAGEMENT (P046)

Zeeshan Ahmed

GEOGRAPHIC DATA MINING WITH GRR (P091)

Lubomír Popelínský

11:00-11:30 Coffee Break

11:30-13:00 Session FSP 19.2

Pre-processing techniques // Other

(Room: Alfanfina)

BATCH QUERY SELECTION IN ACTIVE LEARNING (F028)

Piotr Juszczak

APPROACHES FOR EFFICIENT HANDLING OF LARGE DATASETS (S050)

Renáta Iváncsy and Sándor Juhász

TARGEN: A MARKET BASKET DATASET GENERATOR FOR TEMPORAL ASSOCIATION RULE MINING (S064)

Tim Schlüter and Stefan Conrad

GROUPING OF ACTORS ON AN ENTERPRISE SOCIAL NETWORK USING OPTIMIZED UNION-FIND ALGORITHM (S093)

Aasma Zahid, Umar Muneer and Shoab A. Khan

13:00-14:30 Lunch Break

14:30-16:30 Tutorial

(Room: Alfanzina)

BIO-INSPIRED ARTIFICIAL INTELLIGENCE AND ISSUED APPLICATIONS

Professor Kurosh Madani, Images, Signals and Intelligence Systems Laboratory (LISSI / EA 3956) PARIS XII University, Senart-Fontainebleau Institute of Technology, France

Saturday 20th June 2009

08:30-13:30 Welcome Desk

09:10-11:00 Session FSP 20.1

Classification // Web mining

(Room: Alfanzina)

OUT-OF-CORE DATA HANDLING WITH PERIODIC PARTIAL RESULT MERGING (F057)

Sándor Juhász and Renáta Iváncsy

A FUZZY WEB ANALYTICS MODEL FOR WEB MINING (F076)

Darius Zumstein and Michael Kaufmann

DATE-BASED DYNAMIC CACHING MECHANISM (F027)

Christos Bouras, Vassilis Pouloupoulos and Panagiotis Silintziris

USING TEXT CATEGORISATION FOR DETECTING USER ACTIVITY (S090)

Marko Kääramees and Raido Paaslepp

11:00-11:30 Coffee Break

11:30-13:10 Session FSP 20.2

Core Data Mining Topics // Data Mining Applications

(Room: Alfanzina)

UNIFYING THE SYNTAX OF ASSOCIATION RULES (F081)

Michal Burda

AN APPROACH TO VARIABLE SELECTION IN EFFICIENCY ANALYSIS (F089)

Veska Noncheva, Armando Mendes and Emiliana Silva

APPLYING ASD-DM METHODOLOGY ON BUSINESS

INTELLIGENCE SOLUTIONS: A CASE STUDY ON

BUILDING CUSTOMER CARE DATA MART (S024)

Mouhib Alnoukari, Asim El Sheikh and Zaidoun Alzoabi

MEDICOORDINATION: REGIONAL IMPLEMENTATION

FOR THE SWISS E-HEALTH STRATEG

COMPARING PREDICTIONS OF MACHINE SPEEDUPS USING MICRO-

ARCHITECTURE INDEPENDENT CHARACTERISTICS

(S067)

Claudio Luiz Curotto

13:10 Best Paper Awards Ceremony and Closing Session

(Room: Alfanzina)

Prof. Pedro Isaías and Prof. Ajith P. Abraham