

**Fifth International Conference on Digital Information Management
ICDIM 2010 (July 05-08, 2010)
Conference Program**

5.7.10

11.00 – 12.00 Early Registration (ATAC Building – 1st Floor)

12.00-13.00 Lunch

13.30-15.30 – Tutorial 1 (Room: ATAC1003)

The Roadmap to the Ecosystem of Electronic Health Records

Key Presenter: Sabah Mohammed

Other Presenters:

Dr. Jinan Fiaidhi, Dave Thomas, Jeff Santarossa and Daniel Servo

15.30-15.50 Coffee break

15.50 -17.50 Tutorial 2 (Room: ATAC1003)

Northern Lights: Medical Documentation System for Health Care Collaboration

R. Benlamri, A. Kim, L. Dockstader, K. Scott and R. Houry

6.7.10

9.00-9.30 - Registration (ATAC Building – 1st Floor)

9.30 - 10.00 - Opening Ceremony (Room: ATAC1003)

10.00 - 10.30 A.M - Coffee Break

10.30 - 11.30 - Session Chair: Sabah Mohammed (Room: ATAC1003)

Keynote 1 - Dr. Harold Boley - Distributed Semantic Web Knowledge Representation and Inferencing

11.30 - 12.50 Parallel Sessions

1 A - Data Mining (Room: ATAC1003) Session Chair: Herna L. Viktor	1 B - Information Retrieval (Room: ATAC1005) Session Chair: Pit Pichappan	1 C – Natural Language Processing (Room: ATAC2020) Session Chair: Masoud Makrehchi
11.30 -11.50 A N K Zaman Latent Semantic Indexing and Large Dataset: Study of Term-Weighting Schemes	11.30 -11.50 Pan Juasiripukdee Clustering Search Results of Non-text User Generated Content	11.30 -11.50 Ting-Chun Peng Using Chinese Part-of-Speech Patterns for Sentiment Phrase Identification and Opinion Extraction in User Generated Reviews
11.50 – 12.10 Rozita Jamili Oskouei Behavior Mining of Female Users by Analyzing Log Files	11.50 – 12.10 Anwar Alhenshiri Augmenting the Perception of Web Search Results	11.50 – 12.10 Ratvinder Grewal Quantitative Measurements of Cognitive Processing involved with Gaze Fixations
12.10 -12.30 Herna L. Viktor Preserving Object-Relational Databases for the Next Generations	12.10 -12.30 Ali Sajedi Badashian Conceptual File Management: Revising the Structure of Classification-based Information Retrieval	12.10 -12.30 Masoud Makrehchi Query-Relevant Document Representation for Text Clustering
12.30-12.50 Ludmila Himmelspach Clustering Approaches for Data with Missing Values: Comparison and Evaluation	12.30-12.50 Chongyang Shi Lattice-Context based digital paper search	12.30-12.50 Xiao-lin Wang Flatten Hierarchies for Large-scale Hierarchical Text Categorization

13.00-14.00 Lunch

14:00-15:20 - Parallel Sessions

2 A - Data Mining (Contd.) (Room: ATAC1003) Session Chair: Simon Fong	2 B - Multimedia and Image Processing (Room: ATAC1005) Session Chair: Jiehan Zhou	2 C - Natural Language Processing and XML (Room: ATAC2020) Session Chair: Jawad Berrri
<p>14.00-14.20 Simon Fong Real-time Business Intelligence System Architecture with Stream Mining</p> <p>14.20 -14.40 Muhammad Usman Data Mining and Automatic OLAP Schema Generation</p> <p>14.40-15.00 Razan Paul Clustering Medical data to predict the likelihood of diseases</p> <p>15.00-15.20 Kerstin Denecke Topic Detection in Noisy Data Sources</p>	<p>14.00-14.20 Yanchun Zhong A Feedback-based method for Adaptive ROI Protection in H.264/AVC</p> <p>14.20 -14.40 Abdul Sattar Facial Feature Extraction Using Hybrid Genetic-Simplex Optimization in Multi-Objective Active Appearance Model</p> <p>14.40-15.00 Jiehan Zhou Design and Development of Digital Movie Guide Service for Approaching Community Coordinated Multimedia</p> <p>15.00-15.20 Syed Yasser Arafat Logo Detection and Recognition in Video Stream</p>	<p>14.00-14.20 Mansour Alsulaiman A Technique to Overcome the Problem of Small Size Database for Automatic Speaker Recognition</p> <p>14.20 -14.40 Ali Shiri Query Reformulation Strategies in an Interdisciplinary Digital Library: The Case of Nanoscience and Technology</p> <p>14.40-15.00 Bal Kamal Deal with multiplicity and diversity of relevance factors in XML retrieval</p> <p>15.00-15.20 Raed AlShaikh A modulo-based Labeling Scheme for Dynamically Ordered XML Trees</p>

15.20-15.40 Coffee Break

15:40-18:00 Parallel Sessions

3 A - Data Mining (Contd.) (Room: ATAC1003) Session Chair: Kerstin Denecke	3 B - Multimedia and Image Processing (Contd.) (Room: ATAC1005) Session Chair: Riadh Ksantini	3 C - Ontology Design (Room: ATAC2020) Session Chair: Chantal Taconet
<p>15.40-16.00 Marcelo Queiroz Leite System architecture for data acquisition, extraction and analysis for experiments with weblab</p> <p>16.00-16.20 Razan Paul Mining Irregular Association Rule based on Action & Non-action Type Data</p> <p>16.20-16.40 Farid Bourennani Plastic Color Mismatch Causes Identification using Data mining</p> <p>16.40-17.00 Kevin H. Xu Froglino, When a Data Model is Semantically Equivalent to a Class of Total Recursive Functions</p> <p>17.00 -17.20 Razan Paul Finding symmetric association rules to support medical qualitative research</p> <p>17.20-17.40 Daniel Lins da Silva, Pedro Luiz Pizzigatti Corrêa, Leandro Halle Najm Requirements Analysis for a Traceability System for Management Wood Supply Chain on Amazon Forest</p>	<p>15.40- 16.00 Azam Karami Best Rank- Tensor Selection Using Genetic Algorithm for Better Noise Reduction and Compression of Hyperspectral Images</p> <p>16.00-16.20 Mohamed Saber An Efficient Technique for Processing Super-graph Queries on Graph Databases</p> <p>16.20-16.40 Abdunnaser Diaf, Rachid Benlamri, Boubakeur Boufama, Riadh Ksantini The Effectiveness of using LDA in the Context of Human Action Recognition</p> <p>16.40-17.00 Riadh Ksantini, Boubakeur Boufama, Imran Shafiq Ahmad, Naimul Mefraz Khan A New Combined KSVM and KFD Model for Classification and Recognition</p>	<p>15.40-16.00 Chantal Taconet Complementarity of Process-oriented and Ontology-based Context Managers to Identify Situations</p> <p>16.00-16.20 Diego Garcia A Base Ontology for Privacy Protection in E-Services</p> <p>16.20-16.40 Nasser Noroozi Logical Foundations of Knowledge Management</p> <p>16.40-17.00 Zhao Lu Measuring Taxonomic Consistency of Ontologies Using Lexical Semantic features</p> <p>17.00 -17.20 Chia-Hui Lo Context-relevant criteria for starting knowledge management initiatives</p> <p>17.20 – 17.40 Stefan Burger Ontology-based Classification of Unstructured Information</p> <p>17.40-18.00 Ming Fang, Weiling Li, Rajshekhar Sunderraman Maintaining Integrity Constraints in Relational to OWL Transformations</p>

18:00 Conference Banquet (Fort William Historical Park)

7.7.10

09.30 – 10.30 - Session Chair: Richard Khoury (Room: ATAC1003)

Keynote 2 - Irma Becerra-Fernandez - Three Generations of Knowledge Management Systems and their Impact on Organizational

10.30-11.00 Coffee break

11:00-13:00 Parallel Sessions

4 A - Web Content and Information Retrieval (Room: ATAC1003) Session Chair: Nasser Noroozi	4 B - E- Government and E – Commerce (Room: ATAC1005) Session Chair: Erika Matsak	4C - Sensor Networks (Room: ATAC2020) Session Chair: Nils Hoeller
11.00-11.20 Simon Fong Social Network Collaborative Filtering Framework and Online Trust Factors: a Case Study on Facebook	11.00-11.20 Erika Matsak Digital solutions for inference rules in decision-supporting systems	11.00-11.20 Esteban Guerrero 3D-ADAL: A Three-Dimensional Distributed Range-Free Localization Algorithm for Wireless Sensor Networks Based on Unmanned Aerial Vehicles.
11.20-11.40 Yi-Chun Chen An Efficient Projected Database Method for Mining Sequential Association Rules	11.20-11.40 Min Hooi Chuah An Enterprise Business Intelligence Maturity Model (EBIMM): Conceptual framework	11.20-11.40 Nils Hoeller DACS: A Dynamic Approximative Caching Scheme for Wireless Sensor Networks
11.40- 12.00 Roohalah Etemadi An Approach in Web Content Mining for Clustering Web Pages	11.40- 12.00 Sandra Leonetti Government Electronic Service Delivery (ESD) and Privacy in Ontario	11.40- 12.00 Osama Rahmeh A Load Balancing Scheme for Latency Optimisation in Grid Networks
12.00-12.20 Rasha BinSultan Al-Eidan Measuring the Credibility of Arabic Content in Twitter	12.00-12.20 Simon Fong Visualizing e-Government Portal and its Performance in WEBVS	12.00-12.20 Muhammad Sohaib Aslam A Vision of Wireless Sensor Networks: Hybrid Architecture, Model Framework and Service based Systems
12.20-12.40 Richard Khoury Exploiting Encyclopaedic Knowledge in Query Classification Systems	12.20-12.40 Evan Asfoura Pricing-Model for Marketing of FERP Workflow as product	12.20-12.40 Hakimeh Alemi Baktash, MohammadBagher Karimi, MohammadReza Meybodi, Asgarali Bouyer 2L-RBACG: a New Framework for Resource Access Control in Grid Environments
	12.40-13.00 Syed Kazmi Factors Influencing E-governance Implementation and Issues and Challenges in Pakistan	

13.00- 14.00 Lunch

14:10-15:50 Parallel Sessions

5A - Web Content & Web Services (Room: ATAC1003) Session Chair: Jinan Fiaidhi	5 B - Security (Room: ATAC1005) Session Chair: Ji Ma
14.10-14.30 Ulises Ibarra Hern Ājndez A Rating Model and Taxonomy Factors for Security, Usability and B2C, C2C Shopping e-Commerce Websites	14.10-14.30 T.Hoang Ngan Le A Robust Biometric Watermark-Based Authentication Scheme
14.30-14.50 Katharina Hahn Adaptive Workflow Management to Ensure Transactional Service Composition	14.30-14.50 Elvis Pontes Fibonacci Sequence and EWMA for Intrusion Forecasting System
14.50-15.10 Fahad Aleid A Supplier Perspective on E-commerce: Suppliers Responses to Consumer Perspectives on E-commerce Adoption in Developing Countries - A Saudi Arabian Empirical Study	14.50-15.10 Soulmaz Pourdavaz Penetration Test:A Case Study on Remote Command Execution Security Hole
15.10-15.30 Lubomir Stanchev On Index Merging for Semantic Web Data	15.10-15.30 Riaz Ahmed Shaikh Incompleteness Detection in Access Control Policies
	15.30-15.50 Ji Ma Risk Management in Dynamic Role Based Access Control Systems

15.30-15.50 Kohya Tamura A Characterizing Method of Web Pages based on Query Likelihood of Neighbor Pages	
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15:50-16:10 Coffee Break

16:10-18:10 Parallel Sessions

6 A - Ubiquitous systems (Room: ATAC1003) Session Chair: Seokhoon Ko	6B - E- Learning (Room: ATAC1005) Session Chair: Rachel Ellaway
16.10 -16.30 Raheel Ali Baloch Formal Model for Analysis of Context Dependencies in Ubiquitous Systems	16.10 -16.30 Ali Aljumaah Modeling Students Acceptance of E-Learning
16.30-16.50 Seokhoon Ko Dynamic Reconfigurable Screen Keyboard Generation Method using Probe Key Test	16.30-16.50 Salah Al-Sharhan A New Efficient E-Learning Model and Framework for K12 Implementation
16.50-17.10 Yu-Ling Chang Dynamic User-Centric Mobile Context Model	16.50-17.10 Jinan Faiidhi Securing AJAX-Enriched Mobile Environment for Exchanging SVG-Based Learning Materials
17.10-17.30 Deepak Dahiya Enterprise Systems Development: Impact of Aspect Oriented Software Architecture	17.10-17.30 Ali Sajedi Badashian Designing a Collaborative Educational System: A Competitive Approach to E-Learning
17.30-17.50 Jawad Berri Towards a Framework for Collective Intelligence	17.30-17.50 Rachel Ellaway Simulation Integration for Healthcare Education, Training and Assessment
	17.50-18.10 Rachel Ellaway OpenLabyrinth: an Abstract Pathway-Based Serious Game Engine for Professional Education

8.7.10

9.30-10.00 Concluding Session (Room: ATAC1003)

10.00-10.30 Coffee break

10.30-15:00 City Tour