2013 Eighth International Conference on Digital Information Management

(ICDIM 2013)

Islamabad, Pakistan 10-12 September 2013



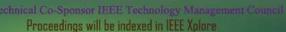
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CONTENTS

Invited Papers	Security and Access Control	Semantic Web, Ontologies
Data Management	Quality of Service Issues	Artificial Intelligence and Decision Support Systems
Information Retrieval and Natural Language Processing	Constraints Programming	Image Analysis and Image Processing
<u>Distributed information systems/ Web</u> <u>services</u>	E-Learning, eCommerce, e-Business and e-Government/Information Content Security	IWDM Workshop papers

Invited Papers

<u>Pixel Domain and Compressed Domain Image Retrieval Features</u> Gerald Schaefer

An Introduction to Content-based Image Retrieval Gerald Schaefer

Efficient Processing of Semi-Stream Data

M. Asif Naeem

Security and Access Control

<u>Analyzing the Security Techniques used in LTE Advanced and their evaluation</u>
Iftikhar Rasheed, Asjad Amin, Mahwish Chaudhary, Sadaf Bukhari, Muhammad Rizwan, Kashif Ali

Identity Based Email Sender Authentication for Spam Mitigation

Sufian Hameed, Tobias Kloht, Xiaoming Fu

Secure DNS from amplification attack by using Modified Bloom Filters

UzmaSattar, Talha Naqash, Muhammad Raheel Zafar, Kashif Razzaq, Faisal bin Ubaid

Minimizing Non-coordinated Interference in Multi-Radio Multi-Channel Wireless Mesh Networks (MRMC-WMNs) Sadiq Shah, Hameed Hussain, Muhammad Shoaib

Investigating the impact of Group Mobility Models over the On-Demand Routing Protocol in MANETs

Muhammad Shoaib, Nasru Minallah, Shahzad Rizwan, Sadiq Shah, Hameed Hussain

Applying Authentication Tests to Discove Man-in-the-Middle Attack in Security Protocols

Shahabuddin Muhammad

Secure Multi-hop Routing Protocols in Wireless Sensor Networks: Requirements, Challenges and Solutions

Nouman M Durrani, Nadeem Kafi, Jawwad Shamsi, Waleej Haider, Asad M Abbsi

EXPLOITING CROSS-OVER DISTANCE TO OPTIMIZE ENERGY IN WIRELESS SENSOR NETWORKS

Muhammad Adeel, Zulfiqar Ali, Muhammad Saqib, Muhammad Tauseef, Muhammad Muaz

A Hybrid Approach for Preventing Black and Gray Hole Attacks in MANET

Hizbullah Khattak, Nizamuddin

VANET Thread Based Message Trust Model

Abdul Rehman, Asad Ali, Riaz ul Amin, Attique Shah

Research Review of Development of Novel Routing Algorithms for Mobile Ad-hoc Networks

Muhammad Asif Khan, Sahibzada Zakiuddin

Robust Image Watermarking In Contourlet Domain Using Multi Objective Genetic Algorithm

M. Mubeen, S.A.M. Gilani, K. Zafar

Secure and Privacy Enhanced Email System as a Cloud Service

Amna Joyia, Abdul Ghafoor, Maryam Sajjad, Muhammad Qaisar Choudhary

Semantic Web, Ontologies

Publishing Institutional Repositories Metadata on the Semantic Web

Humaira Farid, Sharifullah Khan, Muhammad Younus Javed

Keyword And Form Based Semantic Search Tools And Their Usability

Aqeel Haider, Arif Raza

Ontology for Feature Based Selection of Web Development Tools

Neelam Mukhtar, Sara Shahzad, Mohammad Abid Khan, Shah Nazir

Semantic Web, Ontologies and Rules/ Web services/ Quality of Service Issues

A Declarative Web Services Composition Framework

Mohsen Rouached

Semantic Web, Ontologies and Rules/Distributed information systems/ Web services/ Quality of Service Issues

A Goal Oriented Approach for Web Services Selection and Composition

Sana Baccar, Mohsen Rouached, Mohamed Abid

Data Warehouses and Data Mining/- Artificial Intelligence and Decision Support Systems

<u>Data Analysis</u>, <u>Quality Indexing and Prediction of Water Quality for the Management of Rawal Watershed in Pakistan</u> Maqbool Ali, Ali Mustafa Qamar

Data Management

THE TECNOLOGICAL BUSINESS INTELLIGENCE CAPABILITIES AND BUSINESS INTELLIGENCE SYSTEM FLEXIBILITY - THE UNDERLYING RELATIONSHIP

KOKIN Sergey, WANG Tienan

A Robust Join Operator to Process Streaming Data in Real-Time Data Warehousing

M. Asif Naeem

Data Mining in Insurance Claims (DMICS): Two-way mining for extreme values

Sofia Aftab, Waseem Abbas, Muhammad Musa Bilal, Tauqir Hussain, Muhammad Shoaib, Syed Hamza Mehmood

Telecommunication Subscribers' Churn Prediction Model Using Machine Learning

Saad Ahmed Qureshi, Ammar Saleem Rehman, Ali Mustafa Qamar, Aatif Kamal, Ahsan Rehman

<u>Customer Segmentation and Analysis of a Mobile Telecommunication Company of Pakistan using Two Phase</u> <u>Clustering algorithm</u>

Salar Masood, Moaz Ali, Faryal Arshad, Ali Mustafa Qamar, Aatif Kamal, Ahsan Rehman

<u>Handwritten Digit Recognition Through Wavelet Decomposition and Wavelet Packet Decomposition</u> Muhammad Suhail Akhtar, Hammad A. Qureshi

Application of Machine Vision for Performance Enhancement of Footing Machine Used in Leather Industry of Pakistan

Umar Faroog, Muhammad Usman Asad, Faiga Rafig, Ghulam Abbas, Athar Hanif

Quality of Service Issues

ASSESSMENT OF CAPACITY AND PERFORMANCE OF DECENTRALIZED EMIS ACTIVITIES IN DEVELOPING COUNTRIES

Sajjad Ahmad Bhatti, Khawaja Muhammad Saqib, Asim Riaz Mohammad Ali, Awais Adnan

Adaptive Relay Selection Technique for Cooperative Network over Nakagami Fading Channels

Sadia Jabeen Siddigi, Ammara Humayun, Humaira Rehman, Imran Khan, Sadagat Jan

Performance of Double Threshold Energy Detection in Cooperative-Cognitive Networks over Nakagami Fading Channels

Ansar Ul-Haq, Mian Bilal Ayub, Junaid Iqbal, Nagina Zarin, Sajjad Ali, Imran Khan

Reliable Communication Protocol for Inter-Vehicular Network

Yasir Malik, Stefan D. Bruda, Bessam Abdulrazak, Usman Tariq

USER SUPPORT APPROCHE FOR "GLOBAL USERS SUPPORT STANDARDIZATION AND ESTABLISHMENT ORGANIZATION (GUSSEO)"

Muhammad Shah, Attique Shah, Aftab Ahmed, Abdul Rehman

Analyzing Impact of Video Codec, Encapsulation Methods and Streaming Protocols on the Quality of Video Streaming

Afaq Iqbal, Fahim Arif, Nasru Minallah

Artificial Intelligence and Decision Support Systems

Design and Implementation of a Two Wheel Self Balancing Robot with a Two Level Adaptive Control

Ammar Wasif, Danish Raza, Waqas Rasheed, Zubair Farooq, Syed Qaseem Ali

Teeter-Totter in Testing

Rafaqut Kazmi, Rao Muhammad Afzal, Imran Sarwar Bajwa

A Neural Network Controller for Cartesian Plotter

Umar Farooq, Faiqa Rafiq, Muhammad Amar, Ghulam Abbas, Muhammad Usman Asad

Brain Emotional Learning Based Fuzzy Inference System

Mahboobeh Pasrapoor, Urban Bilstrup

Information Retrieval and Natural Language Processing

<u>Automatic Event Recognition and Annotation in Business Requirement Specifications</u>

Sofia Tahir, Imran SarwarBajwa

Scope Resolution of Logical Connectives in NL Constraints

Shahzad Akbar, Imran Sarwar Bajwa, Saleem Malik, Ali Samad

Named Entity Recognition and Normalization in Tweets Towards Text Summarization

Saima Jabeen, Sajid Shah, Asma Latif

Representing History in Graph-Oriented NoSQL DataBases: A Versioning System

Arnaud Castelltort, Anne Laurent

Bibliomining on North South University Library Data

Iftekhar Azam, Saniat Javid Sohrawardi, Himadree Shekhar Das, Md. Samsul Alam, Md. Saffan Alvy, Rashedur M Rahman

Genetic Programming Based Degree Constrained Spanning Tree Extraction

Zaheer Babar, Muhammad Waqas, Zahid Halim, Muhammad Arshad Islam

Application of Adaptive Neuro-fuzzy Inference System for Dam Inflow Prediction using Longrange Weather Forecast Jehangir Ashraf Awan, Deg-hyo Bae

Bangla Printed Word Recognition Using Histogram Based Approach and Fuzzy Logic

Anoti Deyala, Putul Saha, Rashedur M Rahman

EPlag: A Two Layer Source Code Plagiarism Detection System

Omer Ajmal, M. M. Saad Missen, Tazeen Hashmat, M. Moosa, Tenvir Ali

Secure Automotive Telematics System (SATS)

Imran Jattala, Shakeel Durrani, Junaid Farooqi, Ghalib Junjua, Ambreen Shafique, Faisal Hussian, Hassan Mahmood, Nassar Ikram

Constraints Programming

Speeding up SOR Solvers for Constraint-based GUIs with a Warm-Start Strategy

Noreen Jamil, Johannes M"uller, Christof Lutteroth, Gerald Weber

Cyclomatic Complexity: The Nesting Problem

Mir Muhammd Suleman Sarwar, Sara Shahzad, Ibrar Ahmad

Quadratic Optimization for User Interface Layout

Noreen Jamil

A Weighted Matrix Algorithm for Vision Based Lane Following in Autonomous Navigation

Umar Farooq, Jason Gu, Muhammad Amar, Muhammad Usman Asad, Faiqa Rafiq

Blue Eyes Technology

Mizna Rehman Mizna, Mamta Bachani, Sundas Memon

A Survey of Automatic Lip Reading Approaches

Waqqas ur Rehman Butt, Luca Lombardi

Subband Configuration of Adaptive Synthesis Filter Banks for Image Compression

Abdul Nadeem, Yangyu Fan

<u>Towards Decision Support Model for Ubiquitous Agriculture</u>

Waleej Haider, Aqeel-ur-Rehman, Nouman M Durrani

Prediction of Minerals in Rock Images using Markov Logic

Juvaria Tahseen, Imran Sarwar Bajwa, M. Asghar Hashmi

Distributed information systems/ Web services

A Web Service Based Integration Model of Data-Providing Sources

Mehedi Masud, Mohsen Rouached

PERSONAL INTEGRATED PROCESS BASED SOFTWARE ARCHITECTURE DESIGN AND EVALUTATION

Wagar Ul-Hasnain

E-Learning, eCommerce, e-Business and e-Government/ Information Content Security

An Efficient and Secure Mobile Phone Voting System

Mohib Ullah, Arif Iqbal Umar, Noor ul Amin, Nizamuddin

Extending HTML5 Local Storage to Save More Data; Efficiently and in More Structured Way

Syed Zagham Naseem, Fiaz Majeed

A Study on Trends of Mobile Application usage and their Distribution Methods in Pakistan

Muhammad Ateeq, Muhammad Ateeq, Imran Sarwar Bajwa

Official Digital Currency

M. Shoaib, M. Ilyas, M. Sikandar Hayat Khiyal

Mood-based E-commerce: A New Approach for Sub-personality-based Marketing

Toshihiko Yamakami

Servicenics Approach: A Social Service Engineering Framework

Toshihiko Yamakami

Maintenance Support in Open Source Software Projects

Arif Raza, Luiz Fernando Capretz, Faheem Ahmed

Open Innovation - A Phased Adoption Model and its Application to German SMEs

Matthias Birkle, Heiko Gewald

IWDM Workshop papers

(2n-1)-point Binary Approximating Scheme

Ghulam Mustafa, Abdul Ghaffar, Mehwish Bari

Data Warehouse Enhancement Manipulating Materialized View Hierarchy

Sajid Ullah Khan, Waqas Mahmood Shah, Muhammad Haris, Rashid Naseem

A Data Mining Based Spam Detection System for YouTube

Rashid Chowdury, Md. Nuruddin Monsur Adnan, G.A.N. Mahmud, Rashedur M Rahman

Web Application Fact Extractor (WAFE)

Imran Zahoor, Onaiza Maqbool, Rashid Naseem

Load Balancing through Task Shifting and Task Splitting Strategies in Multi-core environment

Hameed Hussain, Muhammad Bilal Qureshi, Muhammad Shoaib, Sadiq Shah