

The Ninth International Conference on Digital Information Management (ICDIM 2014)

Venue: Phranakorn Grand View Hotel, 3 Phranakhon Rajabhat University Bang Khen

Chaengwatthana rd., Don Muang / Impact, Bangkok, Thailand 10220

September 29- October 01, 2014

Programme at a Glance

Day 1: September 29, 2014

08:00-09:00, Registration
09:00-09:30, Opening Ceremony
09:30-10:00, Coffee Break
10:00-11:00, Keynote I
11:00-12:20, Sessions
12:20-14:00, Lunch
14:00-16:00, Sessions
16:00-16:30, Coffee Break
16:30-18:30, Sessions

Day 2: September 30, 2014

08:30-09:00, Registration
09:00-10:00, Keynote II
10:00-10:30, Coffee Break
10:30-12:30, Sessions
12:30-14:00, Lunch
14:00-16:00, Sessions
16:00-16:30, Coffee Break
16:30-18:30, Sessions

Conference Banquet Dinner: September 30, 2014

Banquet Dinner & Award Ceremony: 19:30-21:30

Day 3: October 01, 2014

Social Event: October 01, 2014, 08:00 Sight Seeing Tours

Conference Program – Day 1 – September 29, 2014

08:00-09:00 - Registration	
09:00-09:30 - Opening Ceremony	
10:30-10:50 Coffee Break	
09:30-10:30	Keynote: Dr Simon Fong, University of Macau, Macau
10:50 - 12:50 Sessions	
<p>S1: Computational Intelligence and XML– Chair: 10:50-11:10 – Enhance the performance of Neural Networks for Stock Market Prediction: An analytical study - <i>Sabaithip Boonpeng, Piyasak Jeatraku</i> 11:10-11:30 –A Conceptual Model for Automated Attendance Marking System Using Facial Recognition - <i>Mashhood Sajid, Rubab Hussain, Muhammad Usman</i> 11:30-11:50 – An Elements-based Multi-Stage Charges Identification Model for Textual Criminal Cases - <i>Sotarat Thammaboosadee</i> 11:50-12:10 –Artificial Neural Network-based Time Series Analysis Forecasting for the Amount of Solid Waste in Bangkok-<i>Maleerat Sodanil, Paiboon Chatthong</i> 12:10-12:30 –Feature Preparing for Competency-based on Team Recruitment - <i>J. Watthananon, B. b Yoosuka</i> 12:30-12:50 –Towards the Automation of XML Data Warehouse Logical Design - <i>Zoubir Ouaret , Omar Boussaid, Rachid Chal</i> 12:50-13:10 –A Modelling Approach for Monitoring Sequence Activities in Diverse Environments - <i>Marko Määttä, Tomi Rätty</i></p>	
<p>S2: International Workshop on Data Management - Chair: Asif Naeem, Newzealand</p> <p>14.00-14.20 -- Project Resource Allocation Optimization using Search Based Software Engineering – A Framework <i>Nazia Bibi, Ali Ahsan and Zeeshan Anwar</i> 14.20-14.40 - A Model Transformation from NL to SBVR-<i>Shabana Ramzan, Imran Sarwar Bajwa, Ikram Ul Haq, M. Asif Naeem</i> 14.40-15.00 - Automated DD-Path Testing: A Challenging Task in Software Testing-<i>Hina Sattar, Imran Sarwar Bajwa, Umar Farooq Shafi, Ikram Ul Haq</i> 15.00-15.20 - Churn Analysis: Predicting Churners - <i>Navid Forhad, Md. Shahriar Hussain, Rashedur M Rahman</i> 15.20-15.40 - A Comparative Study of Text Classification Algorithms on User Submitted Bug Reports- <i>Saniat Javid Sohrawardi, Iftekhar Azam, Shazzad Hosain</i></p>	
12:50 - 14:00: Lunch	
15:40 - 16:00 Coffee Break	
<p>S3: Distributed Information Systems, E Learning and Data Monitoring– Chair: 16:00-16:20 –Performance Evaluation of Reliable Data Scheduling for Erlang Multimedia in Cloud Computing - <i>Chanintorn Jittawiriyankoon</i> 16:20-16:40 –Parallel Singular Value Decomposition on Heterogeneous Multi-core and Multi-GPU Platforms - <i>Xiaowen Feng, Hai Jin, Ran Zheng, Lei Zhu</i> 16:40-17:00 –Analyzing National e-Government Interoperability Frameworks:<i>Sasithorn Suchaiya, Somnuk Keretho</i></p>	

16:00-16:20 - A Trail-based Approach for Job Scheduling in Distributed Systems with Workflows -*Nasi Tantitharanukul, Juggapong Natwichai, Pruet Boonma*
 16:20-16:40 -Agriculture-related Disaster Relief Information Management and Interoperability -*Somnuk Keretho, Jirapong Wonggate*
 16:40-17:00 -Understanding the Process of Writing Fake Online Reviews-*Snehasish Banerjee, Alton Y. K. Chua*
 17:00-17:20 - Energy-aware VM Consolidation Approach Using Combination of Heuristics and Migration Control - *Mohammad Alaul Haque Monil, Romasa Qasim, Rashedur M Rahman*

Conference Programme – Day 2 - September 30, 2014

09:00 - 09:30 – Registration

09:30 – 10:00 Keynote II- Han Yan, Korea

10:00 - 10:20 Coffee Break

10:20 – 12:40 Parallel Sessions

S5: 09:30-10:00 – Keynote II- Dr. Han Yan, Korea

S4: Information Retrieval - Chair:

10:20-10:40 -Deriving User's Profile from Sparse Egocentric Networks Using Snowball Sampling and Link Prediction-*Sirinya On-at, Marie-Françoise Canut, André Péninou, Florence Sèdes*
 10:40-11:00 -Semantic Ranking based on Computer Science Ontology Weight -*Thanyaporn Boonyoung, Anirach Mingkhwan*
 11:00-11:20 -Spatial Access Method for Urban Geospatial Database Management: An Efficient Approach of 3D Vector Data Clustering Technique - *Suhaibah Azri, Uznir Ujang, Alias Abdul Rahman, François Anton, Darka Mioc*
 11:20-11:40 - Determining Parameters for Efficient Retrieval in Index Structures for Hybrid Data Spaces-*Carsten Kropf*
 11:40- 12.00 -Thai Poetry Translation to English with Backward Translation Evaluation-*Sajjaporn Waijanya, Anirach Mingkhwan*
 12:00- 12.20 -Using Google Distance for Query Expansion in Expert Finding -*Kai-Hsiang Yang, Yu-Li Lin, Chen-Tao Chuang*
 12:20-12:40 - Exploiting Textual Descriptions and Dependency Graph for Searching Mathematical Expressions in Scientific Papers – *Giovanni Yoko Kristianto, Goran Topićy, Akiko Aizawa_y*
 12:40-13:00 -An efficient algorithm for density-balanced partitioning in distributed PageRank -*Sumalee Sangamuang, Pruet Boonma, Juggapong Natwichai*

S4: Information Retrieval (contd)

14:00-14:20 - How Rational are People? Economic Behavior Based on Sentiment Analysis-*Nora AlMohanna, Hend S. Al-Khalifa*
 14:20-14:40- The impact of sections headings on the document retrieval- *Belkacem ABDELLI, Jean-Marie PINON, Okba KAZAR*

13:00-14:00 LUNCH

S5: Data Ware Housing and Data Mining- Chair:

14:00-14:20 –PEWP: Process Extraction Based on Word Position in Documents -*Yuchen Chen, Zhijun Ding, Haichun Sun*
14:20-14:40 –ICT Career Analysis using Association Rule -*Patsakorn Singto, Anirach Mingkhwan*
14:40-15:00 –Universal Database Access Layer to Facilitate Query -*Mahfuzul Amin, Rashedur M Rahman*
15:00-15:20 –Association Rules: Normalizing the Lift -*Desmond Lobo*
15:20-15:40 –A Big Data Management System for Energy Consumption Prediction Models-*Wonjin Lee, Byung-Won On, Ingyu Lee*
15:40-16:00 –A Caching Approach to Process Stream Data in Data Warehouse-*M.Asif Naeem*
16:20-16:40 –Intelligent Data Cube Construction and Exploration - *Muhammad Azeem, Muhammad Usman, Waseem Ahmad*
16:40-17:00 –A Conceptual Model for Multi-level Mining and Visualization of Association -*M.Usman, Muhammad Usman, Waseem Ahmad*

16:00-16:20 Coffee break

S6 - Data Management and Analysis

14:40-15:00 – Quality Assessment Method for Software Development Process Document based on Software Document Characteristics Metric – *Patra Thitisathienkul, Nakornthip Prompo*
15:00-15:20 –Student Registration Process Evaluation using Process Mining Case Study: IT Telkom - *Imelda Atastina, Angelina Prima Kurniati*
15:20-15:40 –PRBS/EWMA Based Model for Predicting Burst Attacks (Brute Force, DoS, DDoS) in Computer Networks – *Anderson Silva, Elvis Pontes, Fen Zhou, Adilson Guelf, Sergio Kofuji*
15:40-16:00 –Adaptive and playful approach in the MOOC: thanks to Serious Game- *Wiem Maalej, Sahar Msaed, Pernelle Philippe, Thibault Carron*
16:20-16:40 – A Novel Feature Selection by Clustering Coefficients of Variations- *Simon Fong, Justin Liang, Raymond Wong, Mojgan Ghanavati*
16:40-17:00 – Efficient Reverse Far Neighbors Search-*Atsuhiko Ichikawa, Hahxiong Chen, Xazutanafuruse*

19:00- 21:00

Conference Banquette and Best Paper Award Ceremony

Day 3 - October 01, 2014

Sight Seeing Tour