

CISIM 2011 – TENTATIVE TECHNICAL PROGRAM

DAY 1: DECEMBER 14, 2011

Inauguration Ceremony	10:00 – 10:30
Keynote – I: Heinrich Voss, Hamburg University of Technology, Germany. <i>Regularization of Large Scale Total Least Squares Problems</i>	10:30 – 11:30
Tea Break	11:30 – 12:00
Session I : Networking and Its Applications	12:00 – 13:30
Chandreyee Chowdhury, and Sarmistha Neogy, <i>Reliability Estimation of Delay tolerant QoS Mobile Agent System in MANET</i>	
Michal Choras, and Rafal Kozik, <i>Network Event Correlation and Semantic Reasoning for Federated Networks Protection System</i>	
Anupam Saha, and Rituparna Chaki, <i>VAMI – A Novel architecture for Vehicular Ambient Intelligent System</i>	
Subhendu Barat, Ashok Kumar Pradhan, and Tanmay De, <i>A Cost Efficient Multicast Routing and Wavelength Assignment in WDM Mesh Network</i>	
Lunch Break	13:30 – 14:15
Session II: Agent-based Systems	14:15 – 16:00
Plenary Lecture: Aditya Ghosh, University of Wollongong, Australia. <i>Optimizing Web: Leveraging Agent Technology for Sustainability</i>	14:15 – 15:00
Mohamed Achraf Dhoubib, Lamine Bougueroua, and Katarzyna Węgrzyn-Wolska, <i>Combination of Decision Support System (DSS) for remote healthcare monitoring using a multi-agent approach</i>	15:00 – 16:00
Debdutta Barman Roy, and Rituparna Chaki, <i>MAHIDS: A New Mobile Agent Based Blackhole Intrusion Detection System</i>	
Rakesh Kumar Mishra, Suparna Saha, Sankhayan Choudhury, and Nabendu Chaki, <i>Agent based approach for radio resource optimization for Cellular Networks</i>	
Tea Break	16:00 – 16:15
Session III: Biometric Applications	16:15 – 17:15
Piotr Panasiuk, and Khalid Saeed, <i>Influence of Database Quality on the Results of Keystroke Dynamics Algorithms</i>	
Jakub Karwan, and Khalid Saeed, <i>A New Algorithm for Speech and Gender Recognition on the Basis of Voiced Parts of Speech</i>	
Michal Choras, and Rafal Kozik, <i>Fast Feature Extractors for Palmprint Biometrics</i>	
Cultural Programme and Welcome Reception	18:00 – 21:00

DAY 2: DECEMBER 15, 2011

Keynote 2: Dipankar Dasgupta, University of Memphis, USA. <i>Who is Responsible for Security & Privacy in the Cloud?</i>	09:30 – 10:15
Keynote 3: Young Im Cho, The University of Suwon, Korea. <i>The Future of Intelligent Ubiquitous Computing Systems</i>	10:15 – 11:00
Tea Break	11:00 – 11:15
Session IV: Pattern Recognition & Image Processing	11:15 – 13:15
Rafal Doroz, and Piotr Porwik, <i>Handwritten signature recognition with adaptive selection of behavioral features</i>	
Kamil Surmacz, and Khalid Saeed, <i>Robust algorithm for fingerprint identification with a simple image descriptor</i>	
Arijit Sinharay, Syed Mohd Bilal, and Tanushyam Chattopadhyay, <i>A method for unsupervised detection of the boundary of coarticulated units from isolated speech using Recurrence Plot</i>	
Tomas Kocyan, Jan Martinovic, Jiri Dvorsky, and Vaclav Snasel, <i>Czech Text Segmentation Using Voting Experts and Its Comparison with Menzerath-Altmann law</i>	
Soharab Hossain Shaikh, Asis Kumar Maiti, and Nabendu Chaki, <i>On Creation of Reference Image for Quantitative Evaluation of Image Thresholding Methods</i>	
Pramit Ghosh, Debotosh Bhattacharjee, Mita Nasipuri, and Dipak Kumar Basu, <i>Medical Aid for Automatic Detection of Malaria</i>	
Lunch Break	13:15 – 14:00
Keynote 4: Dong Hwa Kim, Hanbat National University, Korea. <i>An Effective Research of Emotion</i>	14:00 – 14:45
Session V: Industrial Applications	14:45 – 15:45
Pouyeh Rezazadeh, <i>Measuring Leanness and Agility Status of Iranians Food Industry Supply Chains Using Data Envelopment Analysis</i>	
Antonio Candiello, and Agostino Cortesi, <i>KPIs from Web Agents for Policies' Impact Analysis and Products' Brand Assessment</i>	
Sudip Kundu, and Sriyankar Acharyya, <i>Stochastic Local Search Approaches in Solving the Nurse Scheduling Problem</i>	
Tea Break	15:45 – 16:00
Session VI: Algorithmic Applications & Data Management	16:00 – 17:30
J. K. Mandal, and Somnath Mukhopadhyay, <i>GA based Denoising of Impulses (GADI)</i>	

Sangeeta Sen, and Rituparna Chaki, *Handling Write Lock Assignment in Cloud Computing Environment*

Sundarapandian Vaidyanathan, and Sarasu Pakiriswamy, *The Design of Active Feedback Controllers for the Generalized Projective Synchronization of Hyperchaotic Qi and Hyperchaotic Lorenz Systems*

Lukas Vojacek, Jan Martinovic, Jiri Dvorsky, Katerina Slaninova, and Ivo Vondrak, *Parallel Hybrid SOM Learning on High Dimensional Sparse Data*

Abhijit Sanyal, and Sankhayan Choudhury, *Operational Algebra for a Graph based Semantic Web Data Model*

Supriya Chakraborty, and Nabendu Chaki, *A Survey on the Semi-Structured Data Models*

Conference Dinner 19:00 – 22:00

DAY 3: DECEMBER 16, 2011

Session VII: Information and Network Security 10:00 – 13:15

Plenary Lecture: Sushil Jajodia, George Mason Univ., Fairfax, USA 10:00 – 10:45
Scalable Detection of Cyber Attacks

Raju Halder, and Agostino Cortesi; *Observation-based Fine Grained Access Control for XML Documents* 10:45 – 11:30

Subhasis Dasgupta, and Aditya Bagchi, *Controlled Access over Documents for concepts having Multiple Parents in a Digital Library Ontology*

Tea Break 11:30 – 11:45

Session VII: Information and Network Security *cont...* 11:45 – 13:15

Prabir Kr. Naskar, Hari Narayan Khan, Ujjal Roy, Ayan Chaudhuri, and Atal Chaudhuri, *Secret Image Sharing with Embedded Session Key*

Anna M. Bartkowiak, *Block and command profiles for legitimate users of a computer network*

Uttam Kr. Mondal, and J. K. Mandal, *Songs Authentication through Embedding a Self Generated Secure Hidden Signal (SAHS)*

Riti Chowdhury, and Debashis De, *Secure money transaction in NFC Enabled Mobile wallet using session based alternative cryptographic techniques*

Lunch Break 13:15 – 14:15

Industry Presentations 14:15 – 16:00