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**REGISTRATION 1 (ADVISED TIME): December 24, 2009**  
**16:00-18:00**

**REGISTRATION 2: December 25, 2009**  
**08:00-09:00**

Time	Paper Title	Authors
<b>HALL A - Friday: December 25, 2009</b>		
<b>09:00 11:00</b>	<b>Chair: Ryo Amano</b>	<b>HALL A December 25, 2009 Oral Session – I</b>
	Research on the Correlation of the Fluctuating Density Gradient of the Compressible Flows	Yasuo Obikane Sophia University, Japan
	Direct Simulation on a Fipple Flute Using the Compressible Navier-Stokes Equation	Yasuo Obikane Sophia University, Japan
	Semi-Lagrangian method for advection equation on GPU in unstructured R3 mesh for fluid dynamics application	Evstineev Nickolay Institute for System Analysis, Russian Academy of Science, Russia
	Cfd Analysis of a Centrifugal fan for Performance Enhancement	K Vasudeva Karanth, N.Yagnesh Sharma Manipal University, India
	A Comparative Study of Transient Flow Through Cerebral Aneurysms Using Cfd	S.M Abdul Khader, Md. ZUBAIR, Raghuvir Pai B,V.R.K Rao, S. Ganesh Kamath Manipal University, India
	Capsule-Substrate Adhesion in the Presence of Osmosis by the Immersed Interface Method	P.G. Jayathilake, B.C.Khoo, Zhijun Tan National University of Singapore, Singapore
	Numerical Simulation of Surge Overflow at a Levee Using Shallow Water SPH Method	Farshad Amini Jackson State University, United States
	CFD Simulaion of Condensing Vapor Bubble using VOF Model	Seong-Su Jeon, Seong-Jin Kim, Goon-Cherl Park Seoul National University, Korea
	Numerical Analysis of A Centrifugal Fan For Improved Performance Using Splitter Vanes	N. Yagnesh Sharma, K. Vasudeva Karanth Manipal University, India
	Cfd Analysis of A Centrifugal Fan For Performance Enhancement Using Converging Boundary Layer Suction Slots	K. Vasudeva Karanth, N. Yagnesh Sharma Manipal University, India
	Vortex-Induced Vibration Characteristics of An Elastic Circular Cylinder	T. Li, J.Y. Zhang, W.H. Zhang and M.H. Zhu Southwest Jiaotong University, China
	CFD Analysis on Aerodynamic Design Optimization of Wind Turbine Rotor Blades	Ryo Amano University of Wisconsin-Milwaukee, USA
<b>11:00 11:15</b>	<b>Coffee Break</b>	
<b>11:15 14:00</b>	<b>Chair: Kazuaki Maeda</b>	<b>HALL A December 25, 2009 Oral Session – II</b>
	Analysis of Partially Shaded PV Modules Using Piecewise Linear Parallel Branches Model	Yaw-Juen Wang, Po-Chun Hsu National Yunlin University of Science & Technology, Taiwan
	Comparison of Shared Memory Search And Mesh Search For Parallel Execution Time	Kay Thi Yar Computer University (Lashio), Myanmar
	Modified Data Mining Approach for Defective Diagnosis in Hard Disk Drive Industry	Supot Soommat Vongchavalitkul University, Thailand

	Bidirectional Genealogical Searching System	Sumitra Nuanmeesri King Mongkut's University of Technology North Bangkok, Thailand
	An Effective Method for Transformer Modeling in Distribution System Power Flow Analysis	A.R Alesaadi , B. Gholami, E. Akhlaghi Islamic Azad University, Kazerun Branch, Kazerun, Iran
	Adaptive Multi-Camera Shooting Support System Based on Dynamic Workflow in Program Shooting	Norihiro Nishio, Yuki Deguchi, Takahiro Sugiyama, Yoichi Takebayashi Shizuoka University, Japan
	Adaptive Multi-Camera Shooting System Based on Dynamic Workflow in a Compact Studio	Norihiro Nishio, Yuki Deguchi, Takahiro Sugiyama, and Yoichi Takebayashi Shizuoka University, Japan
	Study on Discharge Current Phenomena of Epoxy Resin Insulator Specimen	Waluyo, Ngapuli I. Sinisuka, Suwarno, Maman A. Djauhari Bandung Institute of Technology, Indonesia
	Research of Linear Camera Calibration Based on Planar Pattern	Jin Sun, Hongbin Gu ; College of Civil Aviation, Nanjing University of Aeronautics and Astronautics, China
	Generating efficient test cases using Elitist Genetic algorithm	Anoj Kumar, Krishn Mishra, A.K. Misra Motilal Nehru National Institute of Technology, India
	A Combined Fuzzy Decision Making Approach to Supply Chain Risk Assessment	P. Moeinzadeh, A. Hajfathaliha MAPNA Company - Shahed university, Iran
	Detection of Linkages Between Extreme Flow Measures and Climate Indices	Mohammed Sharif, Donald H Burn Department of Civil Engineering, Jamia University, India
	Development of a Novel Low-Cost Flight Simulator for Pilot Training	Hongbin Gu, Dongsu Wu, Hui Liu Nanjing University of Aeronautics and Astronautics, China
	Adaptive Fuzzy Control of Stewart Platform under Actuator Saturation	Dongsu Wu, Hongbin Gu, Peng Li Nanjing University of Aeronautics and Astronautics, China
	Motion Protection System Design for a Parallel Motion Platform	Dongsu Wu, Hongbin Gu Nanjing University of Aeronautics and Astronautics, China
	Syntax Sensitive and Language Independent Detection of Code Clones	Kazuaki Maeda Chubu University, Japan
14:00 15:00	<b>Lunch Break</b>	
15:00 17:00	<b>Chair: P. T. Raveendran</b>	<b>HALL A December 25, 2009 Oral Session- III</b>
	<b>Plenary Talk: Redefining the Digital Divide</b>	John Bosco Lourdasamy IIT Madras, India
	A Study of Grounding Grid Characteristics with Conductive Concrete	Chun-Yao Lee and Siang-Ren Wang Chung Yuan Christian University, Taiwan
	Optimal Planning of Ground Grid Based on Particle Swarm Algorithm	Chun-Yao Lee and Yi-Xing Shen Chung Yuan Christian University, Taiwan
	Implementation of an Improved Secure System Detection for E-passport by using EPC RFID Tags	A. Baith Mohamed, Ayman Abdel-Hamid, Kareem Youssri Mohamed Arab Academy For Science and Technology, Egypt
	The Effect of Reductive Ability and Phenolic Compositions in Sargassum Cristaeifolium Culturing with Different Proportion Deep Sea Water(DSW) to Surface Sea Water(SSW)	H. L. Ku, K. C. Yang, S. Y. Jhou, S. C. Lee, C. S. Lin Stone & Resource Industry R&D Center, Taiwan
	A Thai to English Machine Translation System using Thai LFG tree structure as Interlingua	Tawee Chimsuk, Surapong Auwatanamongkol National Institute of Development Administration (NIDA), Thailand
	Hybrid Optimization of Emission and Economic Dispatch by the Sigmoid Decreasing Inertia Weight Particle Swarm Optimization	Joko Pitono, Adi Soeprijanto, Mauridhi H.P., Takashi Hiyama Sepuluh Nopember Institute of Technology, Indonesia
	A Study of Grounding Grid Characteristics with Conductive Concrete	Chun-Yao Lee and Siang-Ren Wang Chung Yuan Christian University, Taiwan
	Shoplifting in Riyadh, Saudi Arabia	Saleh Dabil King Fahad Security Collage, Saudi Arabia
	Degree and the Effect of Order in the Family on Violence against women(VAW)	Javadi Alimohammad, Javadi Maryam Payame Noor University (PNU), Iran
	Online Education and Self-Learning Ability	Nadeem Safwan, Imran Naqvi Foundation University, Pakistan

	How E-governance can help reduce the level of Corruption and achieve Transparency	Mona Salem Hassan Salem El Rassass Social Contract Centre, Egypt
	Retail patronage behaviour and Shopper Segmentation in an evolving market.	Johney Johnson, P.T.Raveendran School of Management and Business Studies, Mahatma Gandhi University, India
<b>17:00 17:15</b>	<b>Coffee Break</b>	
<b>17:15 19:00</b>	<b>Chair: John Bosco Lourdasamy</b>	<b>HALL A December 25, 2009 Oral Session- IV</b>
	Effect of the Internet on Social Capital	Safae Safiollah, Javadi Alimohammad, Javadi Maryam Payame Noor University (PNU), Iran
	International Financial Crises and the Political Economy of Financial Reforms in Turkey: 1994-2009	Birgul Şakar Kadir Has University, Turkey
	Construct Neutral strategy with Spectral approach	Pao-peng Hsu, Kai-Lun Chang and Sheng-Yen Huang Yuanpei University, Taiwan, R.O.C., Taiwan
	Cycle and Performance of Mutual Funds	Pao-peng Hsu, Ya-hui Chang and Li-ling Chou Yuanpei University, Taiwan, R.O.C., Taiwan
	Integrating computer games with mathematics instruction in elementary school- An analysis of motivation, achievement, and pupil-teacher interactions	Kuo Hung Huang, Chong-Ji Ke National Chiayi University, Taiwan
	A Quantitative Study on Japanese Internet Users' Awareness to Information Security: Necessity and Importance of Education and Policy	Toshihiko Takemura and Atsushi Umino Nagasaki University, Japan
	The relation between knowledge economy and the fragility of finance sector	Özlem Arzu Azer Istanbul Arel University, Turkey
	Leisure Attitude and Satisfaction among Bicyclists using the Bali Left-bank Bicycle Path in northern Taiwan	Chih-Cheng Chen, Meng-Lung Lin, Yung-Tan Lee, Yen-Whea Kuo and Tien-Tze Chen Aletheia University, Taiwan
<b>HALL B – Friday: December 25, 2009</b>		
<b>09:00 11:00</b>	<b>Chair: Abdulnasir Hossen</b>	<b>HALL B December 25, 2009 Oral Session – V</b>
	Design, Development and Analysis of Automated Storage and Retrieval System with Single and Dual Command Dispatching using MATLAB	M. Aslam, Farrukh, A. R. Gardezi and Dr. Nasir Hayat Rachna College of Engineering and Technology, Gujranwala, Pakistan
	Ultrasonic Echo Image Adaptive Watermarking using the Just-noticeable difference estimation	Amnach Khawne, Kazuhiko Hamamoto, Orachat Chitsobhuk Tokai University, Japan
	Fuzzy logic, neural network and their application for marketing decision support system	Nguyen University of Information Technology HoChiMinh City - VietNam
	An artificial immune system in machine learning approach to preserving network intrusion detection system	Nguyen University of Information Technology HoChiMinh City - VietNam
	View-Point Insensitive Human Pose Recognition using Neural Network and CUDA	Sanghyeok Oh, Keechul Jung Soongsil University, South Korea
	Study on Limited View Angle Image Restoration for Diffraction Tomography Using Art	Naoya Yamane Tokai University, Japan
	Fast 3D Collision Detection Algorithm using 2D Intersection Area	Yoon Tae Hyun Soongsil University, Korea
	Discrete Modified Internal Model Control for a nth-order Plant with an Integrator and Dead-time	Manato Ono, Mitsuhiro Ogawa, Naohiro Ban and Yoshihisa Ishida Meiji University, Japan
	A Design and Implementation Model for Web Caching Using Server "URL Rewriting"	Mostafa E. Saleh, A. Abdel Nabi and A. Baith Mohamed Mubarak City for Scientific Research and Technology Applications, Egypt
	Transforming Fuzzy State Diagram to Fuzzy Petri net	Homayun Motameni, Alireza Ghonoudi, Ebrahim Akbari, Abbas Rezaei Islamic Azad University - Sari Branch, Iran
	Constrained optimal control of liquid level loop using industrial PI controller for sinusoidal disturbance	Nguyen Viet Ha, Moonyong Lee Yeungnam University, South Korea
	The Anti-Oxidation Research of the Marine Algae Cultured in Deep Sea Water or Surface Sea Water	Shu-Yu, Jhou, K. C. Young, H. L. Ku, Z. Y. Yang, S. C. Lee, C. S. Lin Stone & Resource Industry R&D Center, Taiwan

	The FFT as an Identification Tool for Obstructive Sleep Apnea	Abdulnasir Hossen Sultan Qaboos University, Oman
<b>11:00 11:15</b>	<b>Coffee Break</b>	
<b>11:15 14:00</b>	<b>Chair: Dong-Yan Huang</b>	<b>HALL B</b>
		<b>December 25, 2009</b>
		<b>Oral Session – VI</b>
	Thermodynamic Equilibrium of Nitrogen Discharge: Comparison with Global Model	Saktioto Universiti Teknologi Malaysia, Malaysia
	An Efficient BFSK Neural Network Joint Equalizer-Demodulator	Mohammad reza amini Islamic Azad University, Borujerd Branch, Iran
	What is the influence of stock-keeping units on online retail sales?	Anteneh Ayanso, Kaveepan Lertwachara, and Narongsak Thongpapanl Brock University (Faculty of Business), Canada
	A Matching Algorithm of Minutiae for Real Time Fingerprint Identification System	Shahram Mohammadi Ali Farajzadeh University of Zanjan, Iran
	Control System Design for Blood glucose regulation in ICU Patients	R.Aarangasamy, J.Sundararajan, N.Sivakumaran, P.Satheeshkumar Paavai Engineering College, India
	Face Detection Using Variance Based Haar-Like Feature and Svm	Cuong Nguyen Khac, Ju H. Park, Ho-Youl Jung Yeungnam University - South Korea, South Korea
	Factors Influencing Internet Addiction Among Vocational High School Students in Taiwan	Huey-Wen Chou and Chun-Hao Huang National Central University, Taiwan
	A Comparison of Deterministic and Probabilistic Methods for Determining the Required Amount of Spinning Reserve	A. Ehsani, A. Karimizadeh, H. Fallahi, A. Jalali Islamic Azad University, Shahr-e-Rey Branch, Iran
	Transformation of Vocal Characteristics: A Review of Literature	Dong-Yan Huang, Ee Ping Ong, Susanto Rahardja, Minghui Dong and Haizhou Li Institute for Infocomm Research, Singapore
<b>14:00 15:00</b>	<b>Lunch Break</b>	
<b>15:00 17:00</b>	<b>Chair: Sangsuree Vasupongayya</b>	<b>HALL B</b>
		<b>December 25, 2009</b>
		<b>Oral Session – VII</b>
	Enhanced Parallel-Connected Comb Filter Method for Multiple Pitch Estimation	Taro Matsuno School of Science and Technology, Meiji University, Japan
	Achieving fair share objectives via goal-oriented parallel computer job scheduling policies	Sangsuree Vasupongayya Prince of Songkla University, Thailand
	Adaptive Network Intrusion Detection Learning: Attribute Selection and Classification	Dewan Md. Farid, Jerome Darmont, Nouria Harbi, Nguyen Huu Hoa, and Mohammad Zahidur Rahman Labratoire ERIC, Universite Lumiere Lyon 2 – France, France
	Adaptive functional projective lag synchronization of Lorenz system	Tae H. Lee, J.H. Park, S.M. Lee, H.Y. Jung Yeungnam University, South Korea
	A New Divide & Conquer Software Process Model	Hina Gull, Wasi Haider Butt, Farooque Azam, Sardar Zafar Iqbal College of EME, National University of Sciences & Technology, NUST, Pakistan
	Face Reconstruction and Camera Pose Using Multi-dimensional Descent	Varin Chouvatut King Mongkut's University of Technology Thonburi, Thailand
	Location Recognition on Camera Embedded Mobile Phones based on MPEG-7 Color Layout Descriptor	Shylaja S S Visvesvaraya Technological University, India
	Ultrasonic Echo Image Adaptive Watermarking using the Just-noticeable difference estimation	Amnach Khawne, Kazuhiko Hamamoto and Orachat Chitsobhuk Tokai University, Japan
	Two Stage Control Method Using a Disturbance Observer and a Kalman Filter	Hiromitsu Ogawa, Manato Ono, Naohiro Ban, and Yoshihisa Ishida Meiji University, Japan
	A Servo Control System Using the Loop Shaping Design Procedure	Naohiro Ban, Hiromitsu Ogawa, Manato Ono, and Yoshihisa Ishida Meiji University, Japan
<b>HALL A - Saturday: December 26, 2009</b>		
<b>09:00 11:00</b>	<b>Chair: Moulay Akhloufi</b>	<b>HALL A</b>
		<b>December 26</b>
		<b>Oral Session – VIII</b>
	Improved X-ray Image Restoration Using Unbiased Mean-Median Filter	Xiaoxiang Guan, Bin Qiu Clayton School of Information Technology, Monash University, Australia

	Towards Binocular Realtime Object Modeling and Recognition - A Work in Progress	Fredrik Ekstrand, Jörgen Lidholm, Lars Asplund, Giacomo Spampinato Malardalen University, Sweden
	Real-time target tracking using a Pan and Tilt platform	Moulay Akhloufi Centre de Robotique et de Vision Industrielles - University Laval, Canada
	Probabilistic Bayesian framework for infrared face recognition	Moulay Akhloufi, Abdelhakim Bendada University Laval - Centre de Robotique et de Vision Industrielles, Canada
	Contourlet versus Wavelet Transform for a Robust Digital Image Watermarking Technique	Ibrahim A. El rube, Mohamad Abou El Nasr, Mostafa M. Naim, Mahmoud Farouk AASTMT, Egypt
	Real time detection, tracking and recognition of medication intake	Huu Hung HUYNH Université de la Méditerranée, France
	Hand Gesture Recognition Based on Combined Features Extraction	Mahmoud Elmezain, Ayoub Al-Hamadi, and Bernd Michaelis Otto-von-Guericke-University Magdeburg, Germany
	An efficient obstacle detection algorithm using colour and texture	Chau Nguyen Viet Lancaster University, England
	video-based face recognition : a survey	Huafeng Wang ,Yunhong Wang ,Yuan Cao Beijing University Of Aeronautics & Astronautics, China
	Integrating Context Priors into a Decision Tree Classification Scheme	Kasim Terzic, Bernd Neumann University of Hamburg, Germany, Germany
<b>11:00 11:15</b>	<b>Coffee Break</b>	
<b>11:15 14:00</b>	<b>Chair: Zhiguo Ren</b>	<b>HALL A</b>
		<b>December 26, 2009</b>
		<b>Oral Session – IX</b>
	Skin Lesion Segmentation Using Color Channel Optimization and Clustering-based Histogram Thresholding	Rahil Garnavi, Mohammad Aldeen, M. Emre Celebi, Alauddin Bhuiyan, Constantinos Dolianitis, George Varigos The University of Melbourne, Australia
	Bayesian Online Learning of Corresponding Points of Objects with Sequential Monte Carlo	Miika Toivanen; Jouko Lampinen Helsinki University of Technology, Finland
	Comparison of Speckle Reduction Filters for Denoising Underwater Images	G.Padmavathi, P.Subashini, M.Muthukumar, Suresh Kumar Thakur Avinashilingam University for Women, India
	Object Tracking using MACH filter and Optical Flow in cluttered scenes and variable lighting conditions	Waqar Shahid Qureshi, abu Baqar Nisar Alvi Air University, Pakistan
	Matching Facial Images using Age Related Morphing Changes	Udeni Jayasinghe University of Colombo School of Computing, Sri Lanka
	A Multi-scale Probabilistic Algorithm that can find Surface Defects on the Car Side-Protector	Bae-guen Kwon, Dong-joong Kang Pusan National University, Korea
	Poisson Noise Reduction from Nuclear Medicine Images Using Artificial Neural Networks	Zeinab Joybari, Fardad Farokhi Islamic Azad University, Central Branch Tehran, Iran
	Accurate Dimensional Measurement of 3D Round Holes Based on Stereo Vision	Zhiguo Ren Hong kong University of Science and Technology, Hong kong, China
<b>14:00 15:00</b>	<b>Lunch Break</b>	
<b>15:00 17:00</b>	<b>Chair: Rajnikant Mishra</b>	<b>HALL A</b>
		<b>December 26, 2009</b>
		<b>Oral Session – X</b>
	Grid-based Supervised Clustering - GBSC	Pornpimol Bungkomkhun, Surapong Auwatanamongkol School of Applied Statistics, National Institute of Development Administration, Thailand
	Graphs with Metric Dimension Two -A characterization	Sudhakara G, Hemanth Kumar Manipal University, India
	On the outlier detection in nonlinear regression	Hossein Riazoshams, Midi Habshah, Mohamad Bakri Adam University Putra Malaysia, UPM, Malaysia
	A Decision Support Model for Bank Branch Location Selection	Nihan Cinar Yildiz Technical University Department of Mathematical Engineering, Turkey
	The Vehicle Routing Problem with Split Deliveries and Pickups	Niaz Wassan, Gabor Nagy University of Kent, U.K.
	Production of Bioethanol from sago waste of different grades	Sivamani S Vinayaka Missions University, India

	Possible S-boxes Generated from Affine Transformation those Satisfy Maximum Strict Avalanche Criteria	T. G. S. Chandrasekharappa, Prema K.V., Kumara Shama Manipal Institute of Technology, Manipal University, Manipal, India
	In Silico Analysis of Pax6 Interacting Proteins Indicates Missing Molecular Links in Development of Brain and associated Disease	Ratnakar Tripathi, Rajnikant Mishra Banaras Hindu University, India
<b>17:00 17:15</b>	<b>Coffee Break</b>	
<b>17:15 19:00</b>	<b>Chair: Risanuri Hidayat</b>	<b>HALL A</b>
		<b>December 26, 2009</b>
		<b>Oral Session – XI</b>
	Income Elasticity of Willingness to Pay for Environmental Conservation: Empirical Evidences from Japan and Thailand	Essam Yassin Mohammed Nagoya University, Japan
	Nutrients removal from Municipal Wastewater Treatment Plant Effluent Using Eichhornia Crassipes	Shamsul Rahman Mohamed Kutty Universiti Teknologi PETRONAS, Malaysia
	BER Performance of UWB Modulations through S-V Channel Model	Risanuri Hidayat Gadjah Mada University, Indonesia
	Optimal Dispatch Generating Units Based on Power System Contingencies Using Agents	Anant Oonsivilai, Kenedy A. Greyson Suranaree University of Technology, Thailand
	Location of Cluster Head in Interconnection of Network Topologies for Uniquely Addressing and Clustering	Hemanth Kumar, Boregowda S.B, B.S Satyanarayana, Puttamadappa C. Manipal University, India
	Cluster dimension two - A Characterization	Hemanth Kumar A R , Sudhakara G, Satyanarayana B S Manipal University, India
<b>HALL B – Saturday: December 26, 2009</b>		
<b>09:00 11:00</b>	<b>Chair: Raghunandana Kurkal</b>	<b>HALL B</b>
		<b>December 26, 2009</b>
		<b>Oral Session – XII</b>
	Thermal Analysis of Thermal Barrier Coated C. I. Engine & Optimization of it's Cooling System	Sachin V.Bhalerao, C.R.Patil, S.G.Bahaley, S.K.Deshmukh Jawaharlal Darda Institute of Engineering & Technology, India
	Design and Analysis of Marula Fruit Juice Extractor	Kommula V.P, Gandure J., Marumo R University of Botswana, Botswana
	Experimental Performance Analysis of Single Cylinder Diesel Engine with blends of Food Grain Based and Non-Food Grain based Biodiesel	Nilaj N. Deshmukh, Dr. Dileep Malkhede Fr. Conceicao Rodrigues Institute of Technology, Vashi, India
	Effect of groove location on the stability of multiple axial groove water lubricated journal bearing-A non linear transient approach	M. Vijaya Kini, R. S. Pai, D. Srikanth Rao, Satish Shenoy B and R. Pai Manipal University, India
	Development of face surrogate for impact protection design for cyclist	Sanga Monthatipkul Swinburne University of Technology, Australia
	Analysis of Stress Concentration and Deflection in Isotropic and Orthotropic Rectangular Plates with Central Circular Hole under Transverse Static Loading	Nitin Kumar Jain National Institute of Technology, Raipur, India
	Detection of Isomorphism amongst Planar Kinematic Chains using Link Joint Connectivity Table	Shubhashis Sanyal National Institute of Technology, Raipur, India
	Gap in Information Technology Education: Bank Specific IT Technology	Kashif ur Rehman, Mohammad Ashfaq, Abrar Ahmad, Syed Qasim Haroon Iqra University, Pakistan
	the effect of hylocereus polyrhizus and Hylocereus undatus on physicochemical, proteolysis, and antioxidant activity in yogurt	Zainoldin, K.H., Baba, A.S. University of Malaya, Malaysia
	Effect of groove location on the stability of multiple axial groove water lubricated journal bearing-A non linear transient approach	R.S.Pai, D. Srikanth Rao, M. Vijay Kini, Satish Shenoy B., R. Pai Manipal University, India
	Finite Element Analysis of A High Speed Vertical Machining Centre	Raghunandana K, Bharath M. R., Sharath M.S Manipal University, India
<b>11:00 11:15</b>	<b>Coffee Break</b>	
<b>11:15 14:00</b>	<b>Chair: Rohana Mahmud</b>	<b>HALL B</b>
		<b>December 26, 2009</b>
		<b>Oral Session – XIII</b>
	Real Time Cascade PI Control for Position Monitoring of DC Brushed Motor	Mazree Bin Ibrahim Universiti Teknikal Malaysia Melaka, Malaysia

	Artificial Neural Network with Steepest Descent Backpropagation Training Algorithm for Modeling Inverse Kinematics of Manipulator	Thiang, Handry Khoswanto, Rendy Pangaldus Petra Christian University, Indonesia
	Robust Control Synthesis for an Unmanned Underwater Vehicle	Agus Budiyo Konkuk Univ, South Korea
	Motion Planning of Autonomous Mobile Robot using Dynamic Programming	Hee-Sang Yoon, Tae-Hyoung Park Chungbuk National University, South Korea
	Practical method for digital music matching robust to various sound qualities	Bokyung Sung, Jungsoo Kim, Jinman Kwun, Junhyung Park, Jihye Ryeo, and Ilju Ko ; Soonsil University, Korea
	Fuzzy Sliding Mode Control of an MR Mount for Vibration Attenuation	Jinsiang Shaw, Ray Pan, and Yin-Chieh Chang National Taipei University of Technology, Taiwan
	Modular Hybrid Robots for Safe Human-Robot Interaction	Jelena Radojicic, Dragoljub Surdilovic, Gerhard Schreck Fraunhofer Institut IPK Berlin, Germany
	Real-time 3D visual servoing of an industrial cutting robot manipulator	Moulay Akhloufi Centre de Robotique et de Vision Industrielles, Canada
	A Hybrid Technology for a Multiagent Consultation System in Obesity domain	Rohana Mahmud, Hairul Aysa Abdul Halim Sithiq, Haryuna Mohd Taharim University of Malaya, Malaysia
14:00 15:00	<b>Lunch Break</b>	
15:00 17:00	<b>Chair: Gurpreet Singh Lehal</b>	<b>HALL B</b>
		<b>December 26, 2009</b>
		<b>Oral Session – XIV</b>
	Evaluation The Effect of Milk Total Solids On The Relationship Between Growth and Activity of Starter Cultures and Quality of Yoghurt	Elham Mahdian, Mostafa Mazaheri Tehrani Azad Islamic University, Quchan branch, Iran
	Manipulation of Probiotics Fermentation of Yogurt by Two Medicinal Herbs (Cinnamon and Licorice): Effects on Yogurt Formation and Inhibition of Helicobacter Pylori Growth in vitro.	Sara Behrad, M.Y. Yusof, K. L. Goh, A.S. Baba University of Malaya, Malaysia
	An Improvement of PDLZW implementation with a Modified WSC Updating Technique on FPGA	Perapong Vichitkraivin King Mongkut's Institute of Technology Ladkrabang., Thailand
	A Two Stage Word Segmentation System For Handling Space Insertion Problem In Urdu Script	Gurpreet Singh Lehal Punjabi University Patiala, India
	Influence of Locus of Control and Job Involvement to Organizational Culture Applied by Employees on Bank X	Sri Suwarsi, Nadia Budianti Bandung Islamic University, Indonesia
	Neural Network based Classification of ECG signals using LM Algorithm	G.Subramanya Nayak, Puttamadappa C Manipal Institute of Technology, Manipal University, Manipal, India
	Development of a Non-invasive System to Measure the Thickness of the Subcutaneous Adipose Tissue Layer for Human	Hyuck Ki Hong, Young Chang Jo, Yeon Shik Choi, Beom Joon Kim, Hyo Derk Park Korea Electronics Technology Institute, South Korea
	Frequency analysis of sural nerve h-reflex in diabetic and non-diabetic patients of age group II	Manali Godse, N. K. Jog D. J. Sanghvi College of Engg. and Mukesh Patel School of Technology, Management and engg., India
	Analysis of difference in the calculated frequency in sural nerve h-reflex in diabetics and non-diabetics of age group III	Manali Godse, N. K. Jog D. J. Sanghvi College Of Engg. And Mukesh Patel School of Technology, Management and engg., India
	Error Analysis for Parallelism in Artificial Neural Network Based Nanodevice Modeling	Dayanand Nayak, Puttamadappa C, Subir Kumar Sarkar Manipal Institute of Technology, Manipal University, India
<b>HALL A - Sunday: December 27, 2009</b>		
09:00 11:00	<b>Chair: Motonobu Hattori</b>	<b>HALL A</b>
		<b>December 27, 2009</b>
		<b>Oral Session – XV</b>
	Investigation of Peptide immobilization on silicon substrate by XPS & EIS	Fahimeh Shamsi, Hans Coster, Katrina Jolliffe, Terry Chilcott University of Sydney, Australia
	Power of Involvement over Rewards for Retention Likelihood in IT Professionals	Lin Zhao Purdue University Calumet, Usa
	The Effect of Organizational Capability on Information System Project Selection: A Structural Equation Modeling Approach	Syaifudin, Che Sobry Abdullah, Zulkifli Mohamed Udin, Indonesia
	Avoiding Catastrophic Forgetting by a Dual-Network Memory Model Using a Chaotic Neural Network	Motonobu Hattori University of Yamanashi, Japan

	A Multiobjective Evolutionary Algorithm Based Compositional Method for Hierarchical Fuzzy Control	Juliusz Zajackowski Central Queensland University, Australia
	ECA-SCTP: Enhanced Cooperative ACK for SCTP Path Recovery in Concurrent Multiple Transfer	GangHeok Kim, SungHoon Seo, JooSeok Song Yonsei University, South Korea
	Privacy threats in RFID group proof schemes	Ham Hyoung-min Yonsei University, South Korea
<b>11:00 11:15</b>	<b>Coffee Break</b>	
<b>11:15 14:00</b>	<b>Chair: Ratnakar Tripathi, H.K.SHivanand</b>	<b>HALL A</b>
		<b>December 27, 2009</b>
		<b>Oral Session – XVI</b>
	Maintenance Management System For Upstream Operations In Oil And Gas Industry: Case Study	Wan Hasrulnizzam Wan Mahmood, Mohd Nizam Ab Rahman, Husiah Mazli, Baba Md Deros Universiti Kebangsaan Malaysia, Malaysia
	Mobile Medical Operation Route Planning	Krongsin Somprasonk, Rein Boondiskulchok Chulalongkorn University, Thailand
	Experimental modal analysis of polymer matrix composites (bi-woven glass fiber & graphite) using fft analyzer	K.Mahesh Dutt Bangalore University, India
	Characterisation of failure modes in epoxy based e-glass/carbon woven fabric laminates	Shankar S. Jawaharlal Nehru Technological University, India
	New Regression Model and I-Kaz Method for Online Cutting Tool Wear Monitoring	Jaharah A. Ghani, Muhammad Rizal, Ahmad Sayuti, Mohd Zaki Nuawi, Mohd Nizam Ab. Rahman, and Che Hassan Che Haron Universiti Kebangsaan Malaysia, Malaysia
	Characterization of Mechanical Properties of Natural Fiber Composites	H.K.SHivanand University Visvesvaraya College of Engineering, India
	Investigation of Strength on Ti-alloy used as Orthopaedic Implant material	Hanumantharaju.H.G University Visvesvaraya College of Engineering, India
	On the Effects of Variation in Learning Parameter on the Performance of Learning Automata-Based Routing Algorithms	Zahra Farhadpour, Alireza Hajizadeh Islamic Azad University Farahan Branch, Iran
	Effect of Genetic Background on QTL Mapping of Cooking Quality Traits in Rice (Oriza Sativa L.)	Jafar Ahmadi , Mohammad-Hossein Fotokian International University of Imam Khomeini, Iran
	Protein Secondary Structure Prediction Using Parallelized Rule Induction from Coverings	Leong Lee, Cyriac Kandath, Jennifer L. Leopold, and Ronald L. Frank Missouri University of Science and Technology, USA
<b>14:00 15:00</b>	<b>Lunch Break</b>	
<b>HALL B - Sunday: December 27, 2009</b>		
<b>09:00 11:00</b>	<b>Chair: Prashanth CM</b>	<b>HALL B</b>
		<b>December 27, 2009</b>
		<b>Oral Session – XVII</b>
	An Enhanced Key Management Scheme Based on Key Infection in Wireless Sensor Networks	Han Park, JooSeok Song Yonsei University, Korea
	Effect of Rumen Protected Choline Supplementation On Milk Production And Composition of Lactating Friesian Cows	Mohsen, M.K.; H.M.A. Gaafar; M.M. Khalafalah; A.A. Shitta, A.M. El-Sheikh Animal Production Research Insritute, Egypt
	Independent Design of Multi-loop PI/PID Controllers for Multi-delay Processes	Truong Nguyen Luan Vu, Moonyong Lee Yeungnam University, South Korea
	Design Modem based on DSP processor TMS for Power Line Carrier System	Javad Abdi, Azam Famil Khalili Islamic Azad University, NazarAbad Branch, Iran
	Statistical analysis of first order plus dead-time system using operational matrix	Pham Luu Trung Duong Yeungnam University, South Korea
	Supercontinuum Generation in Highly Nonlinear Photonic Crystal Fiber	Vijay Janyani Malaviya National Institute of Technology Jaipur, India
	Design of angular estimator of inertial sensor using the least square method	Ji Hoon Kim Chang-won National University, Rerubic of Korea
	Automatic Generation Control for Multi-Area Power System Using Artificial Intelligence Controller	Prakash Burade R.T.M.Nagpur University, India

	A heuristics approach for fast detecting suspicious money laundering cases in an investment bank	Nhien An Le Khac, Sammer Markos, M-Tahar Kechadi University College Dublin, Ireland
	Verification of Protocol Design using UML-SMV	Prashanth CM National Institute of Technology Karnataka, India
<b>11:00 11:15</b>	<b>Coffee Break</b>	
<b>11:15 14:00</b>	<b>Chair: Suresh Prasad Singh</b>	<b>HALL B December 27, 2009 Oral Session – XVIII</b>
	Interaction between the reflection and transmission effects of ISW using MANOVA	Chen-Yuan Chen, Jim J. Lin, Kuang-Hung Cheng, Tsung-Hao Chen, Cheng-Wu Chen National Pingtung University of Education, Taiwan, R.O.C
	A Voltage Based Maximum Power Point Tracker for Low Power and Low Cost Photovoltaic Applications	Jawad Ahmad, Hee-Jun Kim Hanyang University, ERICA Campus, Ansan, South Korea, South Korea
	Optimization Method Based MPPT for Wind Power Generators	Chun-Yao Lee, Yi-Xing Shen, Jung-Cheng Cheng, Chih-Wen Chang and Yi-Yin Li Chung Yuan Christian University, Taiwan
	Extraction of Pectin from Sugar Beet Pulp	Dariush Bastani Sharif University of Technology, Iran
	A Competitiveness Analysis of the Convention Tourism of China's Macao Special Administrative Region	Linda, Sau-ling LAI Macao Polytechnic University of China, Macao SAR of China
	Geochemistry of tektites from Hainan Island and northeast Thailand	Yung-Tan Lee, Ren-Yi Huang, Ju-Chin Chen, Jyh-Yi Shih, Wen-Feng Chang, Yen-Tsui Hu and Chih-Cheng Chen Aletheia University, Taiwan
	Sustainable Solutions for Municipal Solid Waste Management in Thailand	Thaniya Kaosol Prince of Songkla University, Thailand
	Enhanced Refinery Oil Sludge Biodegradation in the Presence of Sewage Sludge	Chua Choon Ling, Mohamed Hasnain Isa, Shamsul Rahman Mohamed Kutty, and Amirhossein Malakahmad Universiti Teknologi Petronas, Malaysia
	Global Competitiveness, Sustainable Development & Management Indian Mineral Resources	Suresh Prasad Singh, Bahadur Singh Ranchi University, Ranchi, Jharkhand, India
<b>14:00 15:00</b>	<b>Lunch Break</b>	
<b>December 25-27, 2009 / e-Session</b>		
<b>09:00 14:00</b>	<b>Chair: Parvinder S. Sandhu</b>	<b>e - Session – XIX</b>
	Study of Integrated Vehicle Image System Including LDW, FCW, and AFS	Yi-Feng Su ARTC(Automotive Research and Testing Center), Taiwan,ROC
	A Supply Chain Perspective of RFID Systems	Arun Nambiar California State University - Fresno, United States of America
	Application of Ant colony optimization for Multi-objective Production Problems, Line Balancing in the Hard Disk Drive Process Using Simulation Techniques	Teerapun Saeheaw Chiang Mai University, Thailand
	Evaluation of a Bio-Mechanism by Graphed Static Equilibrium Forces	Ahmad Yusairi Bani Hashim, Noor Azuan Abu Osman, Wan Abu Bakar Wan Abas, Lydia Abdul Latif Universiti Teknikal Malaysia Melaka, Malaysia
	Real Time Face Quality Assessment for Face Log Generation	Kamal Nasrollahi, Thomas B. Moeslund Aalborg University, Denmark
	Mining Sequential Patterns Using Hybrid Evolutionary Algorithm	Mourad Ykhlef and Hebah ElGibreen King Saud University, Saudia Arabia
	Automated Optic Disc Detection in Retinal Images of Patients with Diabetic Retinopathy and Risk of Macular Edema	Arturo Aquino University of Huelva, Spain
	An Experience e-Learning in Financial Accounting in View of the EHES	Francisco Sousa Fernandez and Maria Mercedes Carro Arana University of Cantabria, Spain
	Linear cryptanalysis for a chaos-based stream cipher	Ruming Yin, Jian Yuan, Qihua Yang, Xiuming Shan, Xiqin Wang Tsinghua University, China
	Designing k inventory for training institution-an industrial case study	Mazeyanti M Ariffin Universiti Teknologi PETRONAS, Malaysia

Geovisualization of Tourist Activity Travel Patterns Using 3D GIS: An empirical study of Tamsui, Taiwan	Meng-Lung Lin, Chien-Min Chu, Chung-Hung Tsai, Chih-Cheng Chen and Chen-Yuan Chen Aletheia University, Taiwan
Application of staining intensity correlation analysis to visualize protein colocalization	Permpphan Dharmasaroja Mahidol University, Thailand
Wasp Venom Peptides may play a role in the Pathogenesis of Acute Disseminated Encephalomyelitis in Humans: A Structural Similarity Analysis	Permpphan Dharmasaroja Mahidol University, Thailand
A Metric Framework for Analysis of Quality of Object Oriented Design	Amandeep Kaur, Satwinder Singh, Dr. K. S. Kahlon Rayat & Bahra Institute of Engg. & Bio-Technology, Mohali, India
A Technique for Execution of Written Values on Shared Variables	Parvinder S. Sandhu, Vijay K. Banga, Prateek Gupta, Amit Verma Rayat & Bahra Institute of Engg. & Bio-Technology, Mohali, India
A Growing Natural Gas Approach for Evaluating Quality of Software Modules	Parvinder S. Sandhu, Sandeep Khimta, Kiranpreet Kaur Rayat & Bahra Institute of Engg. & Bio-Technology, Mohali, India
Fuzzy-Genetic Optimal Control For Four Degree Of Freedom Robotic Arm Movement	Parvinder S. Sandhu, Sandeep Khimta, Kiranpreet Kaur Rayat & Bahra Institute of Engg. & Bio-Technology, Mohali, India
A Genetic Algorithm Based Classification Approach for Finding Fault Prone Classes	Parvinder S. Sandhu, Sandeep Khimta, Kiranpreet Kaur Rayat & Bahra Institute of Engg. & Bio-Technology, Mohali, India
Software Reengineering Tool For Traffic Accident Data	Jagdeep Kaur, Parvinder S. Sandhu, Birinderjit Singh, Amit Verma, Sanyam Anand Rayat & Bahra Institute of Engg. & Bio-Technology, Mohali, India
Analysis of Long-Term File System Activities on Cluster Systems	Hyeyoung Cho Korea Institute of Science and Technology Information, South Korea
Network Application Identification Based on Communication characteristics of Application Messages	Yuji Waizumi, Yuya Tsukabe, Hitoshi Tsunoda, Ypshiaki Nemoto Tohoku University, Japan
A New Traffic Pattern Matching for DDoS Traceback Using Independent Component Analysis	Yuji Waizumi, Tohru Sto, Yoshiaki Nemoto Tohoku University, Japan
An Enhanced Dynamic Parallel Model for Segment Trees	Ossama M. Ismail, Khaled M. Mahar, Mohamed A. Taha Arab Academy for Science and Technology, Egypt
Image Retrieval : Techniques, Challenge, and Trend	Hui Hui Wang, Dzulkifli Mohamad, N.A Ismail Universiti Technology Malaysia, Malaysia
Non-Pilot Symbols Aided Channel Estimation	Jirayooth Pengnak King Mongkut 's Institute of Technology Ladkrabang, Thailand
A new fuzzy DSS/ES for stock portfolio selection using technical and fundamental approaches in parallel	Hamzeh Zarei; M. H. Fazel Zarandi; Masood Karbasian Amirkabir University of Technology, Iran
A New Method to Process the Signals of Wireless Sensors in an Electronic Control Unit of Engine (ECU)	Abazar Barzegar, Mohsen Moosavi Islamic Azad University, Neyriz Branch, Iran
Impact of Wide Using Energy Saving Lamps on Power Quality in Distribution System	B. Gholami, E. Akhlaghi, M. Parsamoghadam Islamic Azad University, Kazerun Branch, Kazerun, Iran
An Enhanced Dynamic Parallel Model for Segment Trees	Ossama M. Ismail, Khaled M. Mahar, Mohamed A. Taha Arab Academy for Science and Technology, Egypt
Optimization of the nutrient suppliers for cellulase production with the basal medium palm oil mill effluen	Rashid S S, Alam M Z, Karim M I A, Salleh, M H International Islamic University Malaysia, Malaysia
Morula Pulp and Seed Separator – Considerations for Design and Manufacture	Jerekias Gandure, Venkata P. Kommula, Rapelang R. Marumo University of Botswana, Botswana
Distance Transmission Line Protection Based on Radial Basis Function Neural Network	Anant Oonsivilai, Sanom Saichoomdee Suranaree University of Technology, Thailand
BER Performance of UWB Modulations through S-V Channel Model	Risanuri Hidayat Gadjah Mada University, Indonesia
Wireless Sensor Networks for Swiftlet Farms Monitoring	A.K. Othman, W.A.Wan Zainal Abidin, K.M. Lee, H. Zen, T. A. Zulcafle, K. Kipli Universiti Malaysia Sarawak, Malaysia
A Fuzzy MCDM Supplier Selection Approach for the Sazehgostar Company	Esmail Mehdizadeh, Behrouz Afshar Nadjafi Islamic Azad University, Qazvin Branch, Iran
Decreasing trans fatty acid content in margarine	Maryam Azizkhani; Mahboobeh Kashiri Khazar University, Iran

Economic & Statistical Design of Multivariate Control Chart: An Overview	Sadigh Raissi, Zahra Ebrahimi Islamic Azad University, South Tehran Branch, Iran
Design of a Dynamic Three Bit Phase Shifter in 2-3GHz Frequency Range and Tunability With Neural Network	Alishir Moradi Kordalivand young researcher club of Arak Islamic Azad university, Iran
A Novel Motion Detection and 3D Object Tracking system	Mehdi Askarkafi Semnan University, Iran
Design of a Dynamic Three Bit Phase Shifter in 2-3GHz Frequency Range and Tunability With Neural Network	Alishir Moradi Kordalivand ,Nima Lotfi Young Researcher Club of Arak Islamic Azad University, Iran
A new Proposed Sinc Window Function for Pulse Shaping Filters	Mohamed Al Mahdi Eshtawie, Saleh Hussin Salem Hussin, Masuri Othman Engineering Academy Tajoura, Libya
High Level Synthesis of Kahn Process Networks (KPN) for Streaming Applications	Attiya Mahmood, Syed Ali Abbas, Shoab A. Khan
Variations in Rice Tungro Baciliiform Virus: A Molecular Study	Meenu Singh College of Engg & Tech IILM-AHL, India
The Effect of Pyridoxine and Different Levels of Nitrogen on Physiological Indices of Corn (Zea Mays L.var.sc704)	Gholamreza Farrokhi Payame Noor University, Iran
Wireless Sensor Networks for Swiftlet Farms Monitoring	A.K. Othman, W.A.Wan Zainal Abidin, K.M. Lee, H. Zen, T. A. Zulcafle, K. Kipli; Department of Electronics, Universiti Malaysia Sarawak, Malaysia
L2 Larvae of Hypoderma Bubalis Bubalis in Oesophagial Tissues of Buffalo	Muhammad Mazhar Ayaz Bahauddin Zakariya University, Pakistan
An Investigation of Short Circuit Analysis in Komag Sarawak Operations (KSO) Factory	M. H. Hairi, H. Zainuddin, M.H.N. Talib, A. Khamis, J. Y. Lichun; Universiti Teknikal Malaysia Melaka, Malaysia
An ACO Based Algorithm for Distribution Networks Including Dispersed Generations	B. Bahmani Firouzi, T. Niknam, M. Nayeripour Shiraz University of Technology, Iran
Fuzzy controller design For TCSC to improve power oscillations damping	M. Nayeripour, H. Khorsand, T. Niknam, E.Azad
Qualitative and quantitative assessment of poultry carcasses contaminated with Salmonella in different slaughter stages in Khoozestan industrial Slaughtherhouses	Sana,M.J. Islamic Azad University Behbahan Branch- Iran
Anticoagulatory role of an ergot mesylate: Hydergine	Fareeha A., Qureshi I. Z. Quaid-i-Azam University, Pakistan
Convective Heat Transfer Model on Shape Memory Alloy (SMA) Actuator	Hussein Mohammed Alalem School of Engineering, The Post Graduate Academy, Libya
Meta-heuristic Approach for Identifying Thermal Plant Heat Curve Characteristics	M. R. AlRashidi, K. M. EL-Naggar, A. K. Al-Othman College of Technological Studies (PAAET), Kuwait
Environmental Law and Policy: A Study on Agriculture and Fisheries in Bangladesh	Noor Mohammad University of Malaya, Malaysia
The Nature of Corrupt Practice in the Union Parishads of Bangladesh: An Empirical Study for Sustainability	Noor Mohammad University of Malaya, Malaysia
Study the source limitation and contribution of pre-anthesis assimilate to grain in dual-purpose (forage and grain) barley	Mani Mojaddam, Adel Modhej Islamic Azad University,Ahwaz Branch, Iran
Numerical modeling of reservoirs for control water demands by use of HEC-ResSim software	Amirabbas Kamanbedast Islamic Azad University,Ahvaz Branch, Iran
Liver Detection in Abdominal MRI Images Based on Neural Network	Roosta,Masoumi,Rafiei Shiraz University of Technology, Iran
The use of minor setups in an EPQ model with constrained production period length	Behrouz Afshar Nadjafi Islamic Azad University, Qazvin Branch, Iran
Solution of Two Dimensional Quasi-Harmonic Equations with CA Approach	Rezaie Moghaddam, M. Pasbani Khiavi, J. Amani, T. Rezaie Moghaddam University of Mohaghegh Ardabili, Iran
Effects of Water Deficiency Stress and nitrogen management on rate of dry matter redistribution and current photosynthesis of Grain Corn SC.704	Mani Mojaddam,Adel Mothej, Shram Lak , Mehdi Soltani , Shahab Sadat Islamic Azad University,Ahwaz Branch, Iran
Minimum Energy of a Prismatic Joint without: Actuator: Application on RRP Robot	Tawiwat V., Tosapolporn P., and Kedit J. Defence Technology Institute, Thailand
A Study of the Change of Damping Coefficient Regarding Minimum Displacement	Tawiwat V., Narongkorn D., Auttapoom L. Defence Technology Institute, Thailand

<b>Technical Equipment</b> 1- Laptop Computer 2- LCD Data Projector 3- USB Flash Drive - Memory 4- CD/DVD-ROM Drive	5- PowerPoint Presentation Remote with Laser Pointer 6- PowerPoint Presentation/ Acrobat Reader Software 7- Each Technical Presentation is 20 Minutes including Discussions
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