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INTERNATIONAL CONFERENCE OBJECTIVES

The conference is an interdisciplinary organization; the papers in each session are drawn from a number of disciplines. The main objective of this conference is to create an effective medium for academia and industries to present and share ideas, innovations and problem solving techniques, the results of their recent research activities in the field of applied science, engineering and technology, as well as human and social sciences.

WASET 2011 BALI, INDONESIA INTERNATIONAL CONFERENCE PROGRAM

October 26-28, 2011, Ramada Resort Benoa, Jl. Pratama No. 97 A. Tanjung Benoa Nusa Dua 80363, Bali - Indonesia
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International Scientific Research and Experimental Development

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A number of selected high-impact full text papers will also be considered for the special journal issues. The paper selection will be carried out during the review process as well as at the conference presentation stage. The final decision for paper selection will be made based on peer review reports by the Guest Editors and the Editor-in-Chief jointly.

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**WASET 2012
CONFERENCE CALENDAR**

Zurich, CH : January 15-17, 2012
Abu Dhabi, UAE : January 29-31, 2012
Dubai, UAE : January 29-31, 2012
Kuala Lumpur, MY: February 19-21, 2012
Penang, MY: February 22-24, 2012
Bangkok, TH: March 11-13, 2012
Madrid, ES: March 28-30, 2012
Venice, IT: April 25-27, 2012
Barcelona, ES: April 11-13, 2012
Amsterdam, NL: May 13-15, 2012
Istanbul, TR: May 19-20, 2012
Tokyo, JP: May 29-31, 2012
Copenhagen, DK: June 11-13, 2012
Paris, FR: June 27-29, 2012
Stockholm, SE: July 11-13, 2012
Amsterdam, NL: July 25-27, 2012
Oslo, NO: August 13-15, 2012

ime	Paper Title	Authors
	Wednesday: October 26, 2011	
08:30 09:00	Welcome & Registration	Opening Remarks
09:00 11:00	Chair : Jose L. Huertas	HALL-A Session – I (October 26, 2011)
	Dynamically Monitoring Production - Methods for Identifying Structural Changes relevant to Logistics	M. Kennemann, S. C. Eickemeyer, P. Nyhuis Leibniz Universität Hannover, Germany
	Optimal Measures in Production Developing an Universal Decision Supporter for Evaluating Measures in a Production	M. Grigutsch, M.Kennemann, P. Nyhuis Leibniz Universitaet Hannover, Germany
	The effects of Immersion on Visual Attention and Detection of signals Performance for Virtual Reality Training Systems	Shiau-Feng Lin Chung-Yuan Christian University, Taiwan
	3D Virtual Reality Application Adaptability for Operation Training- A Case Study of Military Education	Chun-Yi, Lee Yuan Ze University, Taiwan
	Investigating Mental Workload of VR Training versus Serious Game Training on Shoot Operation Training	Ta-Min Hung Yuan Ze University, Taiwan
	Measurement Of Real Time Drive Cycle For Indian Roads And Estimation Of Component Sizing For HEV Using LABVIEW	Varsha Shah, Patel Pritesh, Patel Sagar, PrasantaKundu, Ranjan Maheshwari Sarder Vallabhbai National Institute of Technology, India
	Temperature Variation Effects on I-V characteristics of Cu-Phthalocyanine based OFET	Q. Zafar, R. Akram, Kh.S. Karimov, T.A. Khan, M. Farooq, M.M. Tahir COMSTAS Institute of Information Technology, Pakistan
	Development of A Low Cost Haptic Knob	Tan Ping Hua, Yeong Che Fai, Ricky Yap, Eileen Su Lee Ming Universiti Teknologi Malaysia, Malaysia
	Development of Gas Chromatography Model: Propylene Concentration Using Neural Network	Rosdiazli Ibrahim Universiti Teknologi Petronas, Malaysia
	Natural Discovery : Electricity Potential From Vermicompost (waste To Energy)	Nor Maniha Universiti Malaysia Pahang, Malaysia
	An Overview of Islanding Detection Methods in Photovoltaic Systems	Chee Wei Tan Universiti Teknologi Malaysia, Malaysia
	Multiple Peaks Tracking Algorithm using Particle Swarm Optimization Incorporated with Artificial Neural Network	Chee Wei Tan Universiti Teknologi Malaysia, Malaysia
	Dual Mode Navigation for Two-Wheeled Robot	Faradila Naim Universiti Malaysia Pahang, Malaysia
11:00 11:15	Coffee Break	
11:15 13:00	Chair : Aamir Malik	HALL-A Session – II (October 26, 2011)
	A Robust Data Hiding Technique based on LSB Matching	Emad T. Khalaf , Norrozila Sulaiman University Malaysia Pahang, Malaysia
	The Role of Cognitive Decision Effort in Electronic Commerce Recommendation System Success	Cheng Che Tsai, Huang Ming Chuang National Yunlin University of Science and Technology, Taiwan R.O.C.
	Characterization and Modeling of Piezoelectric Integrated Micro Speakers for Audio Acoustic Actuation	Mendoza-López, J., Sánchez-Solano, S., Huertas-Díaz, J.L. Instituto de Microelectrónica de Sevilla (IMSE-CNM, CSIC), Spain
	Modeling and Design of an Active Leg Orthosis for Tumble Protection	Eileen Chih-Ying Yang, Liang-Han Wu, Chieh-Min Chang National Chung Cheng University, Taiwan
	Hi-Fi Traffic Clearance Technique for Life Saving Vehicles Using Differential GPS System	N.Yuvaraj, V.B.Prakash, D.Venkatraj R.M.K. Engineering College Affiliated to Anna University Chennai, India
	Automatic Cell Counting for Hemocytometers through Image Processing	Yu-Wei Chen, Pei-Ju Chiang National Chung Cheng University, Taiwan
	Development of an Autonomous Friction Gripper for Industrial Robots	Majid Tolouei-Rad, Peter Kalivitis Edith Cowan University, Australia
	An Approach for Integration of Industrial Robot with Vision System and Simulation Software	Ahmed Sh. Khusheef, Ganesh Kothapalli, Majid Tolouei-Rad Edith Cowan University, Australia
	Efficient CNC Milling by Adjusting Material Removal Rate	Majid Tolouei-Rad Edith Cowan University, Australia

	A comparative study of various tone mapping methods	Yasir Salih, Aamir Saeed Malik, Wazirah bt Md Esa Universiti Teknologi Petronas, Malaysia
13:00 14:00	Lunch Break	
	Wednesday: October 26, 2011	
09:00 11:00	Chair : Joanna Pawlat, M. Arivazhagan	HALL-B Session – III (October 26, 2011)
	Quality of Concrete of Recent Development Projects in Libya	Mohamed Alazhari, Milad Alshebani Alfateh University, Libya
	Development of Accident Prediction Model For Rural Roadway	Fajaruddin Mustakim, Motohiro Fujita Nagoya Institute of Technology, Japan
	The Adsorption of SDS on Ferro-Precipitates	Roman Marsalek University of Ostrava, Czech republic
	Mosquitoes Larval Breeding Habitat in Urban and Suburban Areas in Peninsular Malaysia	Siti Nurhafizah Saleeza University of Malaya, Malaysia
	Behavior Analysis of Vehicle Starts under Count-down-Type Traffic Signal Through Survey in China	Ke Yu, Motohiro Fujita, Koji Suzuki Nagoya Institute of Technology, Japan
	The influence assessment of building materials contamination by petroleum products with the help of physicochemical analysis	Zdenek Snirch, Rostislav Drochytka Brno University of Technology, Czech Republic
	Protecting coats systems new possibilities	Zdenek Snirch Brno University of Technology, Czech Republic
	Durability of light-weight expanded clay aggregate concrete	Michala Hubertova, Rudolf Hela the Brno University of Technology, Czech Republic
	Sliding Joints And Soil – Structure Interactions	Radim Cajka, Pavlina Mateckova, Martina Janulikova, Marie Stara VSB – Technical University of Ostrava, Czech Republic
	Reduction of Emissions of Nitrogen Oxides from Traffic	Frantisek Bozek, Jiri Dvorak, Jaromir Mares, Hana Malachova University of Defence, Czech Republic
	Tree bark as biomarkers for Pb and Zn dispersal at remediated and abandoned tin mine sites in Perak, Malaysia	Nurlidia Mansor, Hafizah Ahmad Afif Universiti Teknologi Petronas, Malaysia
	Environmental Monitoring in Evaluation of Sustainability	Lucjan J. Pawłowski Lublin University of Technology, Poland
	Development of 3D Coordinates and Damaged Point Detection System For Ducts Using Imu Techniques	Ki-Tae Park, Young-Joon Yu, Chin-Hyung Lee, Woosang-Lee Korea Institute of Construction Technology, South Korea
	Solar Energy for Water Conditioning	Joanna Pawlat, Henryka Stryczewska Lublin University of Technology, Poland
	Removal of Rhodamine B from synthetic waste water by electro-coagulation with and without adsorbent	M. Arivazhagan, Y. Vijayageetha, V.T.Perarasu National Institute of Technology, Tiruchirappalli, India
11:00 11:15	Coffee Break	
11:15 13:00	Chair : Jiri Witzany, P. Sivashanmugam	HALL-B Session – IV (October 26, 2011)
	The Influence of Socio-economic Backgrounds towards Satisfaction with Student Housing Facilities	Nurul 'Ulyani Mohd Najib, Nor' Aini Yusof, Zulkifli Osman Universiti Sains Malaysia, Malaysia
	Malaysian Shopping Mall Manager's Competency	Mohd Zaki Arif, Nor'Aini Yusof, Shardy Abdullah Universiti Sains Malaysia, Malaysia
	Evaluation of Housing Defects in Build-Then-Sell Houses: A Study of Six Residential Areas	Siti Nur Fazillah Mohd Fauzi, Nor'aini Yusof, Nazirah Zainul Abidin Universiti Sains Malaysia, Malaysia
	The Effect of Fine Aggregate Properties on the Fatigue Behavior of the Conventional and Polymer Modified Bituminous Mixtures Using Two Types of Sand as Fine Aggregate	Yasreen Gasm Elkhalig, Madzlan B. Napiah, Ibrahim Kamaruddin Universiti Teknologi Petronas, Bandar Sri Iskandar, Malaysia
	Critical Points of Prefabricated Reinforced Concrete Wall Systems of Multi-storey Buildings	Witzany J., Cejka T., Zigler R. Czech Technical University in Prague, Czech Republic
	Possibilities of assessment of calibration relationships for various methods of production of shotcrete	Adam Hubáček, Rudolf Hela Brno University of Technology, Czech Republic

	Possibilities of assessment of correlation between durability and aeration of aerated concrete	Adam Hubáček, Rudolf Hela Brno University of Technology, Czech Republic
	Optimisation of Polycyclic Aromatic Hydrocarbon Removal from Contaminated Soil Using Modified Fenton Treatment	Venny, Suyin Gan, Hoon Kiat Ng University of Nottingham Malaysia Campus, Malaysia
	Numerical Investigation of Baffle Effect on the Flow in a Rectangular Primary Sedimentation Tank	Mahdi Shahrokhi, Fatemeh Rostami, Md Azlin Md Said, Syafalni Universiti Sains Malaysia, Malaysia
	Heat transfer enhancement studies in a circular tube fitted with right-left helical inserts with spacer	P.K.Nagarajan, P.Sivashanmugam National Institute of Technology, India
	Hydrodynamic relationship between Man-Made Lake and Surrounding Aquifer, Cimahi, Bandung, Indonesia	Dasapta E. Irawan, Deny J. Puradimaja, and Hendri Silaen Applied Geology Research Division, Faculty of Earth Sciences and Technology, Institut Teknologi Bandung, Indonesia
13:00 14:00	Lunch Break	
	Thursday: October 27, 2011	
09:00 11:00	Chair : Feng-Chuan Pan	HALL-A Session – V (October 27, 2011)
	Physical Exercise Intervention on Hypertension Patients	Ling-Lih Shen, Feng-Chuan Pan Tajen Unievrstity, Taiwan, R. O. C.
	Chronic Patients' Prescription Refill Intentions	Ching – Yi Lee, I-Hsiung Tseng, Feng-Chuan Pan Tajen Unievrstity, Taiwan, R. O. C.
	Reducing Unplanned Extubation in Psychiatric LTC	Jih-Rue Pan, Feng-Chuan Pan Tajen Unievrstity, Taiwan, R. O. C.
	Training On the Ceasing Intention of Betelnut Addiction	Shu-Mei Liu, Feng-Chuan Pan Tajen Unievrstity, Taiwan, R. O. C.
	Rebuilding the Dental Hygiene Habits of the Hospitalized Patients with Schizophrenia	Chia-Jou Hsieh, Feng-Chuan Pan Tajen Unievrstity, Taiwan, R. O. C.
	Absence of Leave and Job Morality in the ICU	Li-Ping Hsiao, Feng-Chuan Pan Tajen Unievrstity, Taiwan, R. O. C.
	Oral Cancer Screening Intentions of Residents in Eastern Taiwan	Chi-Shan Chen, Mao-Chou Hsu, Feng-Chuan Pan Tajen Unievrstity, Taiwan, R. O. C.
	Wheelchair Stabilizing by Controlling the Speed Control of its DC Motor	Dechrit Maneetham Rajamangala University of Technology Thanyaburi, Thailand
	Assessment Methods of Surgical Skill	Siti Nor Zawani Ahmad, Eileen Su Lee Ming, Yeong Che Fai, Fauzan Khairi bin Che Harun Universiti Teknologi Malaysia, Malaysia
	Modeling the human cardiovascular system with a special focus on the heart using Dymola	Stefanie Heinke RWTH Aachen University, Germany
11:00 11:15	Coffee Break	
11:15 13:00	Chair : Mikhail Baryshev, Mokhtar Awang	HALL-A Session – VI (October 27, 2011)
	Comparative Study on the Antioxidant Activity of Leaf Extract and Carotenoids Extract from Ipomoea batatas var. Oren (Sweetpotato) Leaves	Seow-Mun Hue, Amru Nasrulhaq Boyce, Chandran Somasundram University of Malaya, Malaysia
	Effect of Natural Animal Fillers on Polymer Rheology Behaviour	Martin Seidl, Jiri Bobek, Petr Lenfeld, Lubos Behalek, Ales Ausperger Technical university of Liberec, Czech Republic
	Rheology of Composites with Nature Vegetal Origin Fibers	J. Bobek, M. Seidl, P. Lenfeld, L. Běhálek, A. Ausperger Technical university of Liberec, Czech Republic
	Functionalization and Characterization of Carbon Nanotubes/Polypropylene Nanocomposite	Mokhtar Awang, Wei-Vern Hor, Ehsan Mohammadpour, M Zaki Abdullah, Faiz Ahmad Universiti Teknologi Petronas, Malaysia
	Characterization of Chemically Modified Biomass as a Coating Material for Controlled Released Urea by Contact Angle Measurement	Nur Zahirah Zulhaimi, KuZilati KuShaari, Zakaria Man University teknologi Petronas, Malaysia
	Development of An Immunoassay Platform for Diagnosis of Acute Kidney Injury	Thanaporn Bovornvirakit and K. Viravaidya-Pasuwat King Mongkut's University of Technology, Thailand
	The Temperature Responsive Poly (N-isopropylacrylamide-coacrylamide) grafted culture surface for Cell Sheet Engineering	Sopita Wong-in King Mongkut's University of Technology, Thailand

	New Device For Enhancement Of Liposomal Magnetofection Efficiency Of Cancer Cells	M. Baryshev, D.Vainauska, S. Kozireva, A.Karpovs Riga Stradins University, Latvia
	Improved Technique Of Non-viral Gene Delivery Into Cancer Cells	D. Vainauska, S. Kozireva, A. Karpovs, M. Chistyakovs, M. Baryshev Riga Stradins University, Latvia
13:00 14:00	Lunch Break	
14:00 15:30	Chair : Martin Mika	HALL-A Session – VII (October 27, 2011)
	Canonical PSO based Nanorobot Control for Blood Vessel Repair	Pinfa Boonrong, Boonserm Kaewkamnerdpong The Joint Graduated School of Energy and Environment, King Mongkut's University of Technology Thonburi, Thailand
	Mirror Neuron System Study on Elderly Using Dynamic Causal Modeling fMRI Analysis	R. Keerativittatayut, B. Kaewkamnerdpong, J. Laothamatas, W. Sungkarat; The Joint Graduated School of Energy and Environment, King Mongkut's University of Technology Thonburi, Thailand
	The Expression of Gen Extracellular Matrix and Cell Adhesion Molecule of Brain Embrio Mice GD-10 By real time RT-PCR	Yulia Irnidayanti Universitas Negeri Jakarta, Indonesia
	An Evaluation of Performance Through the Structure Framework of Interface	Jhieh - Syong Pan Chung-Yuan Christian University, Taiwan
	Monte Carlo Electron Beam Dose Distribution Near High Density Inhomogeneities Interfaces	Mohd Zahri Universiti Teknologi Mara, Malaysia
	The Effects Of Tissue Optical Parameters And Interface Reflectivity On Light Diffusion In Biological Tissues	Mohammadali Ansari Shahid Beheshti University, Iran
	Polarization modulation by free-standing asymmetric hole arrays	Hong-Wen Hsieh, Shun-Tung Yen National Chiao Tung University, Taiwan
	Determination of in vitro Susceptibility of the Typhoid Pathogens to Synergistic Action of Euphorbia hirta, Euphorbia heterophylla and Phyllanthus niruri for Possible Development of Effective Anti-typhoid Drugs	M. E. Abalaka Federal University of Technology, Minna, Niger State, Nigeria
	Lightweight mirrors for space x-ray telescopes	Martin Mika Institute of Chemical Technology Prague, Czech Republic
	Fabrication of thin film X-ray mirror using SU8	Nguyen Thanh Hai Chonnam National University, Viet Nam
	CT reconstruction from a limited number of X-ray projections	Tao Quang Bang, Insu Jeon Chonnam National University, Korea
	Selective transverse modes in a diode end-pumped Nd:YAG pulsed laser	M.Mohamadi, M.Mostamand, M.Moosavi, M.Soltanolkotabi Isfahan University, Iran
	Effect of nitrogen application rate and irrigation terminated on Yield and Yield component of cumin (Cuminum cyminum L.)	Farshid Vazin, Hossein Ajamnorouzi, Ahad Madani Islamic Azad University, Gonabad Branch, Iran
	Insecticidal effects of two plant aqueous extracts against second instar larvae of Lycoriella auripila (Diptera: Sciaridae)	Abbas Ali Razi University, Iran
	Evaluation of the inhibitory effect of some plant crude extracts against Albugo candida, the causal agent of White rust	Marjan Omranpour, Saeed Abbasi, Sohbat Bahraminejad Razi University, Iran
	Evaluated the effect of Physiological Properties wheat cultivars to nitrogen sources	Hossein AjamNorouzi, Farshid Vazin, Ehsan Salmani Islamic Azad University, Gorgan Branch, Iran
	CFD simulation of SO2 removal from gas mixtures using ceramic membranes	Azam Marjani, Saeed Shirazian Islamic Azad University-Arak Branch, Iran
		Thursday: October 27, 2011
09:00 11:00	Chair : Gary Rankin, Shaharin A. Sulaiman	HALL-B Session – VIII (October 27, 2011)
	2D validation of a high-order adaptive Cartesian-grid finite-volume characteristic flux model with embedded boundaries	C. Leroy, G. Oger, D. Le Touzé, B. Alessandrini Ecole Centrale de Nantes, France
	Energy Analysis of Pressurized Solid Oxide Fuel Cell Combined Power Turbine	Mohammad Ayazi, Ramin Karami, Babak Kamkari Research Institute of Petroleum Industry, Iran
	Investigation of Corona wind Effect on Heat and Mass Transfer Enhancement	R.Karami, B.Kamkari, K.Kashefi Research Institute of Petroleum Industry, Iran

	Experimental Study of Fuel Tank Filling	Maurizio Mastroianni, Lou Savoni, Paul Henshaw, Gary W. Rankin University of Windsor, Canada
	Effects of Dust on the Performance of PV Panels	Shaharin A. Sulaiman, Haizatul H. Hussain, Nik Siti H. Nik Leh, Mohd S. I. Razali Universiti Teknologi Petronas, Malaysia
	Passive Ventilation System Analysis Using Solar Chimney in South of Algeria	B. Belfeguais LGMD- Department of Mechanical Engineering. Polytechnic National School of Algiers, Algeria
	Linear stability of convection in a viscoelastic nanofluid layer	Long Jye Sheu Chung Hua University, Taiwan
	Investigation of Fluid Flow Using Gamma Spectroscopy	Nagy M. Hussein U.S. Merchant Marine Academy, USA
	Energy efficiency in large building, A case study: Energy recovery by run-around systems	Sadegh Torfi, Hashem Makenalazadeh Susangerd Branch, Islamic Azad University, Iran
11:00 11:15	Coffee Break	
11:15 13:00	Chair : Nik Mohd Asri Nik Long	HALL-B Session – IX (October 27, 2011)
	Extremal Properties of Generalized Class of Close-to-convex Functions	Norlyda Mohamed, Daud Mohamad, Shaharuddin Cik Soh Universiti Teknologi Mara, Malaysia
	A Soft Set Based Group Decision Making Method With Criteria Weight	Samsiah Abdul Razak, Daud Mohamad Universiti Teknologi Mara, Malaysia
	Thermosolutal Mhd Mixed Marangoni Convective Boundary Layers In The Presence Of Suction Or Injection	Noraini Ahmad, Seripah Awang Kechil, Norma Mohd Basir Universiti Teknologi Mara, Malaysia
	Marangoni Instability in a Fluid Layer with Insoluble Surfactant	Ainon Syazana Ab Hamid, Seripah Awang Kechil, Ahmad Sukri Abd Aziz Universiti Teknologi Mara, Malaysia
	Optimization Technique in Scheduling Duck Tours	Norhazwani M. Y., Khoo, C. F., Hasrul Nisham R. Universiti Teknikal Malaysia Melaka, Malaysia
	Improvement of the Shortest Path Problem with Geodesic-Like Method	Wen-Haw Chen Tunghai University, Taiwan
	Mathematical models of oligopolies' behaviour	Goran Serdarevic, Petr Tepy Charles University in Prague, Czech Republic
	Development Partitioning Intervalwise Block Method For Solving Ordinary Differential Equations	Khairul Hamidi Khairul Anuar, Khairil Iskandar Othman, Fuziyah Ishak, Zarina Bibi Ibrahim, Zanariah Majid Universiti Teknologi Mara, Malaysia
	Numerical solution for elliptical crack with developing cusps subject to shear loading	Nik Mohd Asri Nik Long, Koo Lee Feng, Zainidin K. Eshkuvatov, A.A. Khaldjigitov Universiti Putra Malaysia, Malaysia
	Solving of the Fourth Order Differential Equations with the Neumann problem	Marziyeh Halimi, Roushanak Lotfekar, Simin Mansouri Borojeni Islamic Azad University, Ilam Branch, Iran
	Solving of Second Type Pseudo-Parabolic System	Roushanak Lotfekar Islamic Azad University, Ilam Branch, Iran
	A note on Poisson Approximation for Beta Binomial Distribution	S.B. Mansouri Payame Noor university, Iran
13:00 14:00	Lunch Break	
	Friday: October 28, 2011	
09:00 11:00	Chair : Oleksandr Frolov, Ford Lumban Gaol	HALL-A Session – X (October 28, 2011)
	Framework of Indonesia e- government Information System Integration: BPM Perfective	Ford Lumban Gaol Bina Nusantara University, Indonesia
	Matching Current Search with Future Postings	Goh Kim Nee Universiti Teknologi Petronas, Malaysia
	Experimental Studies of Position Control of Linkage based Robotic Finger	Norsinnira Zainul Azlan, Hiroshi Yamaura Tokyo Institute of Technology, Japan
	Automatic Real-Patient Medical Data De-Identification for Research Purposes	Petr Vcelak, Jana Kleckova University of West Bohemia, Czech Republic

	Surface Modification by EUV laser Beam based on Capillary Discharge	Oleksandr Frolov, Karel Kolacek, Jiri Schmidt, Jaroslav Straus, Vaclav Prukner, Andrey Shukurov Institute of Plasma Physics AS CR V.V.I., Czech Republic
	Solitons in nonlinear optical lattices	Joseph Mathew North Eastern Hill University, Shillong, India
	Spectrum analysis with Mont Cralo Simulation, BEAMnrc, For Low Energy X-RAY	Zaker Salehi Dehyagani USM university, Malaysia
	Attribute Weighted Class Complexity: A New Metric for Measuring Cognitive Complexity of OO Systems	L. Arockiam St. Joseph's College, Tamil Nadu, India
	A Survey on Metric of Software Cognitive Complexity for OO design	A. Aloysius St. Joseph's College, Tamil Nadu, India
	Robust On-Body Communications Using Creeping Wave: Methodology & Analysis	Muhammad Ali, Khayyam Masood NorthWestern Polytechnical University, Xian, Shaanxi, P.R. China
	The influence of doping of fullerene derivative(PCBM) on the optical properties of Vanadyl phthalocyanine (VOPc)	Fakhra Aziz Ghulam Ishaq Khan Institute of Engineering Sciences and Technology, Pakistan
	Realization of Electronically Controllable Current-mode Square-rooting Circuit Based on MO-CFTA	Phamorn Silapan, Chaiyan Chanapromma, Thaweesak Worachak Uttaradit Rajabhat University, Thailand
	A Temperature-Insensitive Wide-Dynamic Range Positive/Negative Full-Wave Rectifier Based on Operational Transconductance Amplifier using Commercially Available ICs	Phamorn Silapan, Chaiyan Chanapromma, Thaweesak Worachak Uttaradit Rajabhat University, Thailand
	Effect of Uneven Surface on Magnetic Properties of Fe-Based Amorphous Power Transformer	Yeong-Hwa Chang, Huei-Lung Chu, Chia-Wen Chang, Wei-Shou Chan, Chun-Yao Lee, Chia-Shiang Yao, Yan-Lou He Chang Gung University & Fortune Electric Company Ltd., Taiwan
11:00 11:15	Coffee Break	
11:15 13:00	Chair : Sasan Mohammadi	HALL-A Session – XI (October 28, 2011)
	Development of Transmission Line Sleeve Inspection Robot	Jae-Kyung Lee, Nam-Joon Jung, Byung-Hak Cho KEPCO Research Institute, Korea
	Development of Wind Turbine Simulator for Generator Torque Control	Jae-Kyung Lee, Joon-Young Park, Ki-Yong Oh, Jun-Shin Park KEPCO Research Institute, Korea
	Control Technology for a Daiy Load-following Operation in a Nuclear Power Plant	Keuk Jong Yu, Sang Hee Kang, Sung Chang You KHNP Central Research Institute, South Korea
	ICF Neutron Detection Techniques Based on Doped ZnO Crystal	Chen Liang, Ouyang Xiao-ping, Zhang Zhong-bing, Zhang Jian-fu, Liu Jin-liang Northwest Institute of Nuclear Technology, China
	The Comprehensive Study Based on Ultrasonic and X-ray Visual Technology for GIS Equipment Detection	Wei Zhang, Hong Yu, Xian-ping Zhao, Da-da Wang, Fei Xue Kunming OrientGE Electrical Technology Co., Ltd, China
	Edge Detection Algorithm Based on Wavelet De-noising Applied to the X-ray Image Enhancement of the Electric Equipment	Fei Xue, Hong Yu, Da-da Wang, Wei Zhang, Rong-min Zou, Xiao-lan Cai North China Electric Power University, China
	Professional Competency and Attituded of metal Technicians as Perceive by Admisntrators and Technicians in the Steel Industry in Bangkok and surrounding areas	Thepnarintra Praphanphat RMUTSB.Nonthaburi Centre, Thailand
	The difference of the virtual reality display devices on the searching task performance	Rou-Wen Wang Chung-Yuan Christian University, Taiwan
	Definition of Cognitive Infocommunications and an Architectural Implementation of Cognitive Infocommunications Systems	Peter Baranyi, Gyorgy Persa, Adam Csapo Budapest Univ. of Technology and Economics and the Computer and Automation Research Institute in Budapest, Hungary
	Autonomous Movement in Car with the Base of RFID	Sasan Mohammadi Islamic Azad University, South Tehran Branch, Iran
	Explore the parameter of avalanche photo diode	Ali Mohabati Jahromi Islamic Azad University, Zahedshahr Branch, Iran
13:00 14:00	Lunch Break	
09:00 11:00	Chair : Hazlina Hamdan, Boualem El Kechebour	HALL-B Session – XII (October 28, 2011)
	Urban Growth, Severage Network And Flooding Risk: Flooding of November 10, 2001 In Algiers	Boualem El Kechebour, Djilali Benouar University of Sciences and Technology Houari Boumediene, Algeria
	Repair of Concrete Structures with CSC	Kharchi Fattoum University of Sciences and Technology Houari Boumediene , Faculty of

		Civil engineering, Bab Ezzouar, Algeria
	Increase of Heat Index over Bangladesh: Impact of Climate Change	Mohammad Adnan Rajib, Md. Rubayet Mortuza, Saranah Selmi, Asif Khan Ankur, Md. Mujibur Rahman Bangladesh University of Engineering and Technology, Bangladesh
	Climate Change Effect from Black Carbon Emission: Open Burning of Corn Residues in Thailand	Kanittha Kanokkanjana, Savitri Garivait The Joint Graduate School of Energy and Environment, Thailand
	Carbon Storage in Above-Ground Biomass of Tropical Deciduous Forest in Ratchaburi Province, Thailand	Ubonwan Chaiyo King Monkut's Technology Thonburi., Thailand
	Influencing of rice residue management method on GHG emission from rice cultivation	Penwadee Cheewaphongphan, Savitri Garivait, Adisak Pongpullponsak, Suthum Patumsawad King Mongkut's University of Technology Thonburi, Thailand
	The use of prestress in structural elements subjected to seismic loads	H. Chabil, B. Toumi, F. Z. Dakhmouche, Z. Guemmadi University Mentouri Constantine, Algeria
	Effect of Mixing Process on Polypropylene Modified Bituminous Concrete Mix Properties	Noor Zainab Habib, Ibrahim Kamaruddin, Madzlan Napiah, Isa Mohd Tan Universiti Teknologi Petronas, Malaysia
	University Industrial Linkages: Relationship Towards Economic Growth and Development in Malaysia	Hazlina Hamdan, Fatimah Yusof, Dasimah Omar, Faizul Abdullah, Naasah Nasrudin, Ishak Che Abdullah University Technology Mara, Malaysia
	The Impacts of Off-Campus Students on Local Neighbourhood in Malaysia	Dasimah Bt Omar, Faizul Abdullah, Fatimah Yusof, Hazlina Hamdan, Naasah Nasrudin, Ishak Che Abdullah Universiti Teknologi Mara SHAH Alam, Malaysia
11:00 11:15	Coffee Break	
11:15 13:00	Chair : Seyed Abbas Tabatebaei	HALL-B Session – XIII (October 28, 2011)
	Simulation of CO2 Capture Process	Kamyar Movagharnejad, Mazyar Akbari Babol University of Technology, Iran
	A research on increased traffic safety and hazardous loads on the roads (Kuzestan province – Iran)	Seyed Abbas Tabatebaei, Mohsen Najafi Alamdarlo Shahid Chamran University, Iran
	Probabilistic Model Development for Project Performance Forecasting	Milad Eghtedari Naeini, Gholamreza Heravi University of Tehran, Iran
	Numerical Simulation of Tidal Currents in Persian Gulf	Kameleh Aghajanloo, Moharam Dolatshahi Pirouz, Masoud Montazeri Namin University of Tehran, Iran
	Determination and Assessment of Ground Motion and Spectral Parameters for Iran	G. Ghodrati Amiri, M. Khorasani, S.A. Razavian Ameri, M. Mohamadi Dehcheshmeh, S. Fathi Iran University of Science & Technology, Tehran, Iran
	Multilevel Fuzzy Decision Support Model for China's Urban Rail Transit Planning Schemes	Jin-Bao Zhao, Wei Deng Southeast University, China
	Estimation of Forest Fire Emission in Thailand by Using Remote Sensing Information	Agapol Junpen King Mongkut's University of Technology Thonburi, Thailand
	Seasonal Water Quality Trends in The Feitsui Reservoir Watershed, Taiwan	Pei-Te Chiueh, Hsiao-Ting Wu, Shang-Lien Lo National Taiwan University, Taiwan
	Comparing and Combining the Axial with the Network Maps for Analyzing Urban Street Pattern	Napong Nophaket Mahasarakham University, Thailand
13:00 14:00	Lunch Break	
10:00 12:00	Chair : Karen Armstrong	e-Session – XIV (October 26-27-28, 2011)
	Organizational Culture and Innovation Adoption/Generation: A Proposed Model	Lai Kong Seng, Nor'Aini Yusof Universiti Sains Malaysia, Malaysia
	Approach to Design of Composition of Concrete with Respect to Strength and Static Elasticity Modulus	Klara Krizova, Rudolf Hela Brno University of Technology, Czech Republic
	Soil Improvement Using Cement Dust Mixture	Mohie Eldin Mohamed Afify Elmashad Construction Research Institute, Egypt
	Using Low Permeability Sand-Filler Mixture Membrane For Isolated Swelling Soil	Mohie Eldin Mohamed Afify Elmashad Construction Research Institute, Egypt
	A Study on Brushless DC Motor for High Torque Density	Jung-Moo Seo, Jung-Hwan Kim, Se-Hyun Rhyu, Jun-Hyuk Choi, In-Soung Jung Seoul National University, Korea

	Feasibility Study of a BLDC Motor with Integrated Drive Circuit	Jun-Hyuk Choi, Joon Sung Park, Jung-Moo Seo, In-Soung Jung Sung Kyun Kwan University, Korea
	An Improved Model for Prediction of the Effective Thermal Conductivity of Nanofluids	K. Abbaspoursani, M. Allahyari, M. Rahmani Takestan Islamic Azad University, TIAU, Iran
	Computation of Flow Characteristics of Butterfly Valve Through CFD Approach	Marulasiddeshi. H.B, E.S.Prakash, J.R.K. Murthy Davangere university, India
	Payment Problems, Cash Flow and Profitability of Construction Project: A System Dynamics Model	Wenhua Hou, Xing Liu, Deqiang Chen Chongqing University, China
	An Effective Hybrid Genetic Algorithm for Job Shop Scheduling Problem	Bin Cai, Shilong Wang, Haibo Hu Chongqing University, China
	Calculation of the ceramics Weibull parameters	Fuis Vladimir Brno Univestity of Technology, Czech Republic
	An Investigation of Adjustment of Solar Shading Devices in Office Buildings	Jian Yao Ningbo University, China
	The monitoring of the state of reinforced concrete lining of tunnels exposed in aggressive conditions and prediction of its next life	Amos Dufka Brno University of Technology, Czech Republic
	The Development of Repair Materials based on Geopolymers Determined for Application in Chemically Aggressive Surroundings	Amos Dufka Brno University of Technology, Czech Republic
	Providing Medical Information in Braille: Research and Development of Automatic Braille translation program for Japanese "eBraille"	Aki Sugano, Mika Ohta, Mineko Ikegami, Kenji Miura, Sayo Tsukamoto, Akihiro Ichinose, Toshiko Ohshima, Eiichi Maeda, Masako Matsuura, Yutaka Takaoka Kobe University Hospital, Japan
	Simulation of Series Compensated Transmission Lines Protected with MOV	Abdolamir Nekoubin Islamic Azad University, Najaf Abad Branch, Iran
	Design an Electrical Nose with ZnO Nanowire Arrays	Amin Nekoubin, Abdolamir Nekoubin Islamic Azad University, Najaf Abad Branch, Iran
	Dynamic Simulation of A Radial Flux Dual-Rotor Permanent Magnet Motor	Abdolamir Nekoubin Islamic Azad University, Najaf Abad Branch, Iran
	Optimal Controller Design for Linear Magnetic Levitation Rail System	Tooraj Hakimelahi, Abdolamir Nekoubin Islamic Azad University, Najaf Abad Branch, Iran
	Improvements in edge detection based on mathematical morphology	Jalil Shirazi Islamic Azad University, Gonabad Branch, Iran
	Face recognition with PCA and KPCA using Elman neural network and SVM	Jalil Shirazi Islamic Azad University, Gonabad Branch, Iran
	Speech / Music Discrimination Based on Sinusoidal Modeling.	Jalil Shirazi Islamic Azad University, Gonabad Branch, Iran
	Mechanical Buckling of Functionally Graded Engesser-Timoshenko Beams Located on a Continuous Elastic Foundation	M. Karami Khorramabadi, A. R. Nezamabadi Islamic Azad University, Khorramabad Branch, Iran
	Stability of Homogeneous Smart Beams Based on the First Order Shear Deformation Theory Located on a Continuous Elastic Foundation	A. R. Nezamabadi, M. Karami Khorramabadi Islamic Azad University, Arak Branch, Iran
	Prediction of Viscosity with use of Neural Network	Abdolreza Memari Islamic Azad University, Mahshar Branch, Iran
	In-Situ Monitoring the Thermal Forming of Glass and Si Foils for Space X-Ray Telescopes	L. Pina, M. Mika, R. Havlikova, M. Landova, L. Sveda, R. Hudec, V. Marsikova, A. Inneman Czech Technical University in Prague, Czech Republic
	e-Learning Program with Voice Assistance for a Tactile Braille	Yutaka Takaoka, Mika Ohta, Aki Sugano, Tsuyoshi Oda, Eiichi Maeda, Sumiyo Hanaoka, Masako Matsuura Kobe University Hospital, Japan
	Modelling of a Stress-Strain State of Screws of Transpedicular Spine Fixation System	Oleksandr Poliakov, Genadiy Olinichenko, Yevgen Pashkov, Vadym Kramar, Mykhaylo Kalinin Sevastopol National Technical University, Ukraine
	Starting Pitchers Rotation in Chinese Professional Baseball League based on AHP and TOPSIS	Chih-Cheng Chen, Meng-Lung Lin, Yung-Tan Lee, Tien-Tze Chen Aletheia University & Tamkang University, Taiwan
	Geochemistry of tektites from Maoming of Guandong province, China	Yung-Tan Lee, Chih-Cheng Chen, Meng-Lung Lin, Tien-Tze Chen Aletheia University & Tamkang University, Taiwan
	Detection and Analysis of Deficiencies in Groundnut Plant using Geometric Moments	Sumeet Nisale College of Engineering Pune, India

	The Effects of Noise on EEG and ECG	Wonhak Cho, Jongkwan Lee, Hyeonki Choi Sungkyunkwan University, South Korea
	The para-universe of collaborative group work in today's university classrooms: strategies to help ensure success	Karen Armstrong York University and UBC, Canada
	Experimental Study on Smart Anchor Head	Young-Jun You, Ki-Tae Park, Kyu-Wan Lee Korea Institute of Construction Technology, Republic of Korea
	Studying Implication of Globalization on Engineering Education	Sasan Sharafi, Sadegh Torfi, G. Bassak Harouni, Hashem Makenalizadeh Susangerd Branch, Islamic Azad University, Iran
	Investigating Different Aspects of Sedimentation Phenomenon of Dez Irrigation Network in Iran and effective solutions for decreasing it	G. Neisi, H. Makenalizadeh, S. Torfi, A. Sayahi Susangerd Branch, Islamic Azad University, Iran
	Estimating suspended sediment entered to Karkheh reservoir	H. Abdolkhani, H.Makenalizadeh, M. Osroosh, S. Torfi, A. Sayahi Susangerd Branch, Islamic Azad University, Iran
	A Framework for Semantic Web Application	Aref Sayahi, Sadegh Torfi, Hashem Makenalizadeh Susangerd Branch, Islamic Azad University, Iran
	Simulating Utilization from Reservoir in the form of Multiple-Dam using HEC-Res Sim (Case Study: Two Reservoir Dam System of Dez Reservoir and Regulating Dam)	M. Mazlumi, H. Makenalizadeh, S. Torfi, G. Bassak Harouni, A. Sayahi Susangerd Branch, Islamic Azad University, Iran
	Suitable Utilization Management of Dez Regulative Dam Reservoir	Reza Shakeri, Hashem Makenalizadeh, Sadegh Torfi, Aref Sayahi Susangerd Branch, Islamic Azad University, Iran
	Fatigue Fracture Analysis A Case Study: Tank Wagon Railway Axles	Mohammad Saki, Ebrahim Sayyah Torofzadeh, Hashem Makenalizadeh, Aref Sayahi Susangerd Branch, Islamic Azad University, Iran
	Environmental Use Of Connate Water In Oil Reservoir	Abdolreza Memari Islamic Azad University, Mahshar Branch, Iran
	Influence of Shackle Lateral Rigidity to Behavior of Side Rail Structural	Iman Mirzadeh, Ali Moghaddasi, Adel Jafari Young Researchers Club, Arak Branch, Islamic Azad University, Iran
	Ultimate Lateral Resistance of Piles in Non-Cohesive Soils	Iman Mirzadeh, Adel Jafari, Ali Moghaddasi, Ali Ghafari Sarjami Young Researchers Club, Arak Branch, Islamic Azad University, Iran
	Buckling Analysis Of A Five-walled CNT With Nonlocal Theory	Alireza Bozorgian. Navid Majdi Nasab, Abdolreza Memari Islamic Azad University Mahshahr Branch, Iran
	Investigation of scour depth at bridge piers using BRI-STARS model in Iran	Gh. Saeidifar, F. Raeiszadeh Department of Civil Engineering, Beyza Branch, Islamic Azad University, Iran
	Investigation of Advanced Oxidation Process for the removal of residual Carbaryl from drinking water resources	A.R. Rahmani, M.T. Samadi, M. Khodadadi Hamadan University of Medical Sciences, Iran
	New Method to Solve Steady Flow Fluid a vertical channel in Porous Media	Abdolreza Memari Islamic Azad University Mahshar Branch, Iran
	Thermoelastic Buckling Analysis of Functionally Graded Rectangular Plates Integrated with Piezoelectric Layers	A.R. khorshidvand, M.Jabbari, M.R. Eslami South Tehran Branch, Islamic Azad University, Tehran, Iran
	Prediction Wellbore Stability of Oil Well,Using Numerical Method in Kopal Reservoir	Abdolreza Memari Islamic azad university, Mahshar Branch, Iran
	Optimum Selection Of Artificial Lift System for Iranian Heavy Oil Fields A Case Study	Abdolreza Memari Islamic azad university, Mahshar Branch, Iran
	The existence of a unique valuation comparable valuation pair of a ring	Fatemeh Motiallah Islamic Azad University, Zahedshahr Branch, Iran
	Calculate The Concentration Of Iron Ions In Crude Oil In Iranian Oil Fields	Abdolreza Memari Islamic Azad University, Mahshahr Branch, Iran
	Development of NOx Emission Model for a Tangentially Fired Acid Gas Incinerator	Elangeshwaran Pathmanathan, Rosdiazli Ibrahim, VijanthSagayanAsirvadam Universiti Teknologi Petronas, Malaysia
	Development of Neural Network Prediction Model of Energy Consumption	Maryam Jamela Ismail, Rosdiazli Ibrahim, Idris Ismail Universiti Teknologi Petronas, Malaysia
	Analytical Studies on Volume Determination of Leg Ulcer using Structured Light and Laser Triangulation Data Acquisition Techniques	A. M. Abdul-Rani, K. K. Chong, A. F. M. Hani, Y. B. Yap, A. Jamil Universiti Teknologi Petronas, Malaysia
	Ion- Acoustic Solitary Waves in a Self- Gravitating Dusty Plasma Having Two-Temperature Electrons	S.N.Paul, G.Pakira, B.Paul, B.Ghosh Department of Physics, Jadavpur University, India
	The Investigation And Comparison Of The Properties Of LiF:Mg And LiF:Eu Crystals	Mohammad Reza Jalali, Hossein Sadeghi, Saeed Mohammadi, Mostafa Zahedi Far, Parviz Parvaresh Payame Noor University, Iran

	The proteome and phytohormone analysis of soybean seedlings after seed sensitization with plant growth promoting rhizobacteria, <i>Bacillus amyloliquefaciens</i> KPS46	S. Prathuangwong, N. Buensanteai School of Crop Production Technology, Suranaree University of Technology, Thailand
	Transcription level and homology modeling of the TvMFS transporter from <i>Trichoderma virens</i> response to pH stress	N. Buensanteai School of Crop Production Technology, Suranaree University of Technology, Thailand
	Homology modeling and functional prediction of the malonyl-acyl carrier protein from plant growth promoting bacteria, <i>Bacillus amyloliquefaciens</i>	N. Buensanteai, S. Prathuangwong School of Crop Production Technology, Suranaree University of Technology, Thailand
13:00 14:00	Lunch Break	
	Technical Equipment 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