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CONFERENCE OBJECTIVES

The main objective of this conference is to provide an international scientific forum for engineers, scientists academicians, and researchers to present the result of their recent research activities in the field of applied science, engineering and technology, as well as human and social sciences. The primary focus of the conference is to create an effective medium for institutions and industries to share ideas, innovations and problem solving techniques.



WASET 2011 WINTER INTERNATIONAL CONFERENCE

Bayview Hotel Georgetown, Penang, Malaysia, February 22-24, 2011

Scientific Research and Experimental Development

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CONFERENCE PAPERS

A prospective full text paper should be submitted to the conference secretariat at www.waset.org/submit.php. All submitted papers will be blind peer-reviewed and authors of accepted papers will be notified to submit final full length-formatted papers for presentation and publication in the refereed conference proceedings at <http://www.waset.org/journals/waset/>.

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WASET 2011 CONFERENCE CALENDAR

Dubai, UAE, January 25-27, 2011

February, MY, February 22-24, 2011

Bangkok, TH, March 29-31, 2011

Venice, IT, April 27-29, 2011

Tokyo, JP, May 25-27, 2011

Paris, FR, June 28-30, 2011

Amsterdam, NL, July 13-15, 2011

Paris, FR, July 27-29, 2011

London, UK, August 15-17, 2011

Tokyo, JP, August 24-26, 2011

Singapore, SG, September 28-30, 2011

Bali, ID, October 26-28, 2011

Venice, IT, November 23-25, 2011

Phuket, TH, December 21-23, 2011

Time	Paper Title	Authors
	Tuesday: February 22, 2011	
08:30 09:00	Welcome & Registration	Opening Remarks
09:00 09:30	Invited Talk : Nanostructured Porous Gan For Gas Sensing Applications	Zainuriah Hassan Universiti Sains Malaysia, Penang, Malaysia
09:30 10:30	Chair : Narayana Jogattappa, Vidya H.A., Krishnamurthy Gorappa Ningappa	HALL-A Session – I (February 22, 2011)
	Denoising of Partial Discharge Signals in Epoxy Glass Mica Sheets using Wavelet Transform	Vidya H.A BNM Institute of Technology, India
	Correlations between Cleaning Frequency of Reservoir & Water Tower and Parameters of Water Quality	Bi-Hsiang Chen National Sun Yat-sen University, Taiwan
	Variation of Assimilable Organic Carbon in Raw Water and a Water Treatment System	Chung-Yi Lin National Sun Yat-sen University, Taiwan
	A remote sensing approach for vulnerability and environmental change in Apodi valley region, Northeast Brazil	Mukesh Singh Boori Federal University of Rio Grande do Norte, Brazil
	Stabilization of Earth Road for Road Building using Probase Soil Stabilizers	Chin Lian Fon Universiti Tun Hussein Onn Malaysia, Malaysia
	Kinetics And Removal Of O-Cresol Using Activated Bagasse Flyash As An Adsorbent	Narayana Jogattappa Kuvempu University, India
	Drought economical damages in time period (1999-2003) in Isfahan Province	Yousef Moradi University of Sains Malaysia, Malaysia
	Selection of Adsorbents to Remove Arsenate in Domestic Water	Le Minh Cam, Nguyen Ngoc Ha, Le Van Khu, Nguyen Minh Tuan Hanoi National University of Education, Vietnam
	Reutilization of Organic and Peat Soils by Deep Cement Mixing	Tang Bee Lin University Tun Hussein Onn Malaysia, Malaysia
	Assessment of Sediment Quality According To Heavy Metal Status in the West Port of Malaysia	Seyedeh Belin Tavakoly Sany, Abdul Halim Suliman, Aishah Salleh, Ghazaleh Monazami Tehrani, University Malaya, Malaysia
	Study of Effect of Removal of Shiftrows and Mixcolumns Stages of AES and AES-KDS on their Encryption Quality and hence Security	Krishnamurthy G N, V Ramaswamy Visvesvarya Technological University, Belgaum
	Study of Iranian biospherical reservation areas for medicinal plants diversity	Esmail Yasari, Abed Vahedi Payame Noor University, Iran
	Identification of herbal medicines in the summer rangelands of Alborz Mountainous Area by utilizing native knowledge	Abed Vahedi Islamic Azad University, Iran
	Hexavalent chromium removal from aqueous solutions by adsorption onto synthetic nano size ZeroValent Iron (nZVI)	Ali Reza Rahmani Hamadan University of Medical Sciences, Iran
	Seepage Analysis of Earth Dams with Using seep/w software; Karkheh dam Case Study	R. Shakeri, H. Makenalizadeh, M. Osroosh, S. Torfi, A. Noorbakhsh Islamic Azad University Susangerd Branch, Iran
	An Assessment of Water Pollution of the Beshar River Aquatic Ecosystems	Amir Eghbal Khajehrahimi, Fardin Boustani, Omid tabiei, Masoud Hashemi, Islamic Azad University, North Tehran branch, Iran
	Evaluation of Water Quality of the Beshar River	Fardin Boustani Islamic Azad University, Iran
	Investigating the Effectiveness of Self-Shading Strategy on Overall Thermal Transfer Value and Window Size in High Rise Buildings	Mansour Nikpour Islamic Azad University, Iran
	Investigating the Effectiveness of Solar Heat Gain and Daylight on Minimizing Energy Consumption in High rise Buildings	Mansour Nikpour Islamic Azad University, Iran
	Assessing the Function of Light and Color in Architectural View	Gholam Hossein Naseri Islamic Azad University, Damghan Branch, Iran
	Harmony Principle in Architecture	Gholam Hossein Naseri, Manucher Tamizi Islamic Azad University, Damghan Branch, Iran
10:30 10:45	Coffee Break	

10:45 12:00	Chair : Chang-Jun Ahn	HALL-A Session – II (February 22, 2011)
	The Valuation of Cross-Currency Zero Coupon Bond under Vasicek and HJM Levy Term Structures model	Pao-Peng Hsu Yuanpei University, Taiwan
	Application of Capability Measurement in Improving the Luminous Intensity of Light-Emitting Diodes	Ya-Chen Hsu Yuanpei University, Taiwan
	Using Data Mining Methodology to Build the Predictive Model of Gold Passbook Price	Ya-Chen Hsu Yuanpei University, Taiwan
	Impact of the Financial Crisis and Risk Management on Performance of Financial Holding Companies in Taiwan	Ying-Hsiu Chen Yuanpei University, Taiwan
	Performance Analysis of Certificateless Signature for IKE Authentication	Nazrul Muhaimin Ahmad Multimedia University, Malaysia
	A Scheme to Prevent Disassociation and De-authentication Attack in WiFi Networks	Abhijit Sarma, Debojit Chowdhury, Anupam Deka and Bidyut Saikia Gauhati University, India
	Context Aware Handoff for Performance Improvement in a WiFi-WiMax Heterogeneous Network	Abhijit Sarma, Sukumar Nandi Gauhati University, India
	A Context-Aware based Authorization System for Pervasive Grid Computing	Marilyn Lim Chien Hui Universiti Sains Malaysia, Malaysia
	Li ₄ SiO ₄ prepared by sol-gel method as potential host for LISICON solid electrolyte	Syed Bahari Ramadhan Bin Syed Adnan University of Malaya, Malaysia
	Embedded Systems Synthesis using Simulated Evolution (SimE) with ECU-Specific Optimization	Umair Farooq Siddiqi, Siddiqi Gunma University, Japan, Pakistan
	The Effect of Increment in Simulation Samples on a Combined Selection Procedure	Mohammad H. Almomani, Rosmanjawati Abdul Rahman Universiti Sains Malaysia, Malaysia
	Design of novel SCR-based ESD Protection Device for I/O Clamp in BCD Process	Yong Seo Koo, Jin Woo Jung, Byung Seok Lee, Dong-Su Kim, Yil Suk Yang; Dankook University, Korea
	RF performance of Gate Material Engineered Surrounded/Cylindrical MOSFETs for High-speed applications	Pujarini Ghosh, Subhasis Halder, R.S Gupta, Mridula Gupta University of Delhi, India
	The optimal placement of capacitor in order to reduce losses and the profile of distribution network voltage with GA, SA	Esmail Limouzade Islamic Azad University, Iran
	Simultaneous Coordinated tuning of HVDC and SVC damping Controller Using Modified Memetic Algorithm with Population Management	S. Haidari, M. M. Farsangi, and H. Nezamabadi-pour; Chabahar Maritime University, Iran
	Kinetic Modeling Of The Fischer- Tropsch Reactions and Modeling Steady State Heterogeneous Reactor	M. Ahmadi Marvast, M. Sohrabi, H. Ganji Reserach Institute of Petroleum Industry, Iran
	Model Based Monitoring Using Integrated Data Validation, Simulation and Parameter Estimation	Reza Hayati Research Institute of Petroleum Industry, Iran
	Industrial Crude and Vacuum Distillation units Real Time Optimization	M. Ayazi, M. Ahmadi Marvast, S. Kananpanah, Y. Khojaste, S. Shokri ; Reserach Institute of Petroleum Industry, Iran
	Accurate Modeling of Large-Signal Step Response for Class AB Switched-Current Sample-and-Hold Circuit	Elham Kamrani, Research and Technology Center, National Iranian Gas Company, Iran
	An Efficient Spam Mail Detection by Counter Technique	Raheleh Kholghi, Soheil Behnam Roudsari, Alireza Nemaney Pour Sharif University of Technology, International Campus, Iran
12:00 13:00	Lunch Break	
09:00 10:30	Chair : Khaled EL-Naggar, Janos Hamar	HALL-B Session – III (February 22, 2011)
	Maritime VHF Communications with Polarization Diversity over a Rician Channel	Chang-Jun Ahn Chiba University, Japan
	Economic Dispatch Fuzzy Linear Regression and Optimization	AbdulRahman Al-Othman College of Technological Studies, Kuwait
	Behavior Model Mapping and Transformation Using Model-Driven Architecture	Mohammed Abdalla Osman Mukhtar Universiti Teknologi Petronas, Malaysia
	Effectiveness and Usability Evaluation of 'LI2D' Courseware	Zuraini Hanim Bt Zaini Universiti Teknologi Petronas, Malaysia

	Goal-Based Request Cloud Resource Broker in Medical Application	Mohamad Izuddin Nordin, Azween Abdullah, Mahamat Issa Hassan Universiti Teknologi Petronas, Malaysia
	Coordinated Voltage Control Using Multiple Regulators In Distribution System With Distributed Generators	R. Shivarudraswamy, D. N. Gaonkar National Institute of Technology Karnataka, India
	Software Process Improvement: A organizational change that need to be managed and motivated	Marília Guterres Ferreira, Raul Wazlawick Universidade Federal de Santa Catarina, Brazil
	A Dynamic Filter For Removal DC -Offset In Current And Voltage Waveforms	Khaled EL-Naggar College of Technological Studies, Kuwait
	Effects of distance between hot and cold Heat-Exchangers on performance of Run-around Energy recovery systems	S. Torfi, H. Maknalizadeh, S. Sharafi, E. Novieri, M. Salmanzadeh Islamic Azad University Susangerd Branch, Iran
	Energy-Efficient Electrical Power Distribution with Multi-Agent Control at Parallel DC/DC Converters	Janos Hamar, Peter Bartal, Daniel T. Sepsi Budapest University of Technology and Economics, Hungary
	Uthm Hand: Mechanics Behind The Dexterous Anthropomorphic Hand	Amran Mohd Zaid, M. Atif Yaqub, Mohd Rizal Arshad, Md Saidin Wahab; University Tun Hussein Onn Malaysia, Malaysia
10:30 10:45	Coffee Break	
10:45 12:00	Chair : Ryuya Uda, Chandrasekaran Subramaniam, Hindumathy Chelvaraya Kannan	HALL-B Session – IV (February 22, 2011)
	Performance Evaluation of TCP Vegas versus Different TCP Variants in Homogeneous and Heterogeneous Wired Networks	Yew Been Seok Univeristy Malaysia Perlis, Malaysia
	Performance of Power System Stabilizer (Unitrol D) in Benghazi North Power Plant	Tawfiq H. M. Belahassan University of Garoyunis, Libya
	A Time Domain Harmonic Reference Estimation for Shunt Active Power Filters Under Non-Ideal Mains Voltages	Mohamed Rabah Amer Faculty of Engineering, Egypt
	Actor Directed Connectivity Based Localization (CBL) in Wireless Sensor Actor Networks (WSAN)	Muazzam A. Khan, Muhammad Sher, Cory C. Beard, Ghalib A. Shah International islamic Uiversity Islamabad, Pakistan
	Analysis Control Induction motor with variable frequency using observe neural network	Solly Aryza University Malaysia Pahang, Indonesia
	Power Aware Fault Tolerant Embedded System	Chandrasekaran, Prasanna Vetrivel, Srinath Badri Anna University of Technology, India
	Age Group Classification for Targeted Advertisement using Low Cost System	Woo Chaw Seng, Parnian Najafi, Judi Wahju Utomo University of Malaya, Malaysia
	An Application of Error Correcting Codes on Disk Allocation for Partial Match Query Systems	Chih-Yen Yang Feng Chia University, Taiwan
	Digital Forensics for Electronic Commerce on the Web	Ryuya Uda Tokyo University of Technology, Japan
	Hardware Optimization of Online DA-LUT FIR Filter Implementation	Mohamed Al mahdi Eshtawie Engineering Academy Tajoura, Libya
	An Efficient, Distributed, Context Aware Handoff Scheme for Performance Improvement in WiFi Networks	Abhijit Sarma, Santanu Joshi and Sukumar Nandi Gauhati University, India
	Invitro study of antibacterial activity of Cymbopogon Citratus	Hindumathy Chelvaraya Kannan Vinayaka Missions University, India
	Improving an Artificial Neural Network Model to Predict Thyroid Bending Protein Diagnosis using Preprocessing Techniques	Aiman S. Gannous, Younis R. Elhaddad University of Garyounis, Benghazi, Libya
12:00 13:00	Lunch Break	
	Wednesday:	February 23, 2011
09:00 10:30	Chair : Abdulhakim Almajid, M. R. AIRashidi	HALL-A Session – V (February 23, 2011)
	Classifying Biomedical Text Abstracts based on Hierarchical 'Concept' Structure	Rozilawati Binti Dollah Toyohashi University of Technology, Japan
	Prediction of first-year academic performance using data mining techniques	M.E. Lonfo Fotio, J.S. Van der Walt, D.P. Conradie Tshwane University Of Technology, South Africa

	SWOT Analysis of Rural Women's Small Credit Funds in Sistan and Baloochestan State in Iran	Hasan Sharaki Zabol University, Iran
	Deep iCrawl: An Intelligent Vision-Based Deep Web Crawler	R.Anita, V.Ganga Bharani, N. Nityanandam, Pradeep Kumar Sahoo Sri Sai Ram Engineering College, India
	Microwave synthesis of Nanocrystalline Ytria	Abdulhakim Almajid King Saud University, Saudi Arabia
	Study on Plasma Creation and Propagation in a Pulsed Magnetoplasmdynamic Thruster	Tony Schönherr The University of Tokyo, Japan
	Fabrication of Carbon Doped TiO2 Nanotubes via In-situ Anodization of Ti-foil in Acidic Medium	Asma M. Husin Milad Universiti Kebangsaan Malaysia, Malaysia
	Users' Motivation and Satisfaction with IS	Abbas Moshref Razavi University of Malaya, Malaysia
	Aligning IS Development with Users' Work Habits	Abbas Moshref Razavi University of Malaya, Malaysia
	FEM analysis and experimental verification of 2024 aluminum alloys processed by ECAP : Influence of friction and and other	Esmailzadeh Mojtaba K. N. Toosi University of Technology, Iran
	Mining Implicit Knowledge to Predict Political Risk by Providing Novel Framework with Using Bayesian Network	Siavash Asadi Ghajarloo Multimedia University, Iran
10:30 10:45	Coffee Break	
	Deposition Rate Enhancement of TiN Thin-film in a Magnetized Sheet Plasma Source	Hamdi Muhyuddin Barra, Henry Ramos Mindanao State University, Philippines
	Laser ion acceleration in tailored mass-limited targets	Alexander Andreev Max-Born str.2a 12489, Berlin, Germany
	Optimal Layout of Wind Farms with Wake Effects	M.R. AlRashidi College of Technological Studies, Kuwait
	The Effects of Sodium Chloride in the Formation of Size and Shape of Gold (Au) Nanoparticles by Microwave-Polyol Method for Mercury Adsorption	Mawarni Fazliana Mohamad Universiti Teknologi Malaysia, Malaysia
	Study of the Utilization of Renewable Energy Source for Kuwait Oil Company Operations	Haitham Safar Kuwait Oil Company, Kuwait
	Detailed Phenomenological Study of 14N Elastically Scattered on 12C in a wide Energy	Sherief Mohamed Mohamed Ali Hamada Kazakh National University, Kazakhstan
	Further Investigation Of Elastic Scattering Of 16o On 12c At Different Energies	Sherief Hamada Kazakh National University, Kazakhstan
	Efficient Feature-Based Registration for CT-MR Images Based on NSCT and PSO	Nemir Al-Azzawi, Harsa A. Mat Sakim, Wan Ahmed K. Wan Abdullah, Yasmin Mohd Yacob; Universiti Sains Malaysia, Malaysia
12:00 13:00	Lunch Break	
09:00 10:30	Chair : Himanka Sekhar Mondal	HALL-B Session – VI (February 23, 2011)
	The Agricultural Governance in Bangladesh: A Case Study for Environmental Sustainability	Noor Mohammad Multi Media University, Malaysia
	Need to Implement the International Environmental Law and Policy Issues in Bangladesh: A Case Study	Noor Mohammad Multi Media University, Malaysia
	An Overview Of The Use Of Derivatives Plant In Controlling Some Post-harvest Diseases In Citrus	Ghassan F. Alsamarai, Harbant Singh, Muhammad S. Ahmad, Rana .I .Khalel, Universiti Perlis Malaysia, Malaysia
	Experimental Technique for Vibration Reduction of a Motor Pump in Medical Device	Young Kuen Cho, Dae Won Lee, Young-Jin Jung, Sung Kuk Kim, Dong-Hyun Seo, Chang-Yong Ko, Han Sung Kim Yonsei Univ., South Korea
	Absorption of Volatile Organic Compounds into Polydimethylsiloxane: Phase Equilibrium Computation at Infinite Dilution	Edison Muzenda, Corina M Mateescu University of South Africa, South Africa
	Estimating the Absorption of Volatile Organic Compounds in Four Biodiesels Using the UNIFAC Procedure	Corina M Mateescu, Edison Muzenda, Mohamed Belaid, Saka Abdulkareem,Ayo S Afolabi,University of South Africa, South Africa
	Efficiency Enhancement of PWM Controlled Water Electrolysis Cells	Seyedkaveh Mazloomi University Putra Malaysia, Malaysia

	Stego machine – Video Steganography using Modified LSB Algorithm	Mritha Ramalingam Aimst University, Malaysia
	Neural Network Based Automated Color Pattern Recognition for Tea Quality Estimation	Himanka Sekhar Mondal Central Scientific Instruments Organisation, India
	Design and Implementation of a Microcontroller Based LCD Screen Digital Stop Watch	Khalid Imtiaz Saad, Nusrat Afrin, Rajib Mikail Bangladesh University of Engineering and Technology, Bangladesh
	An Alternative Method for Generating Almost Infinite Sequence of Gaussian Variables	Clement Temaneh Nyah, F.A. Phiri, E. Ruhunga University of Namibia, Namibia
	Internal Development and Restoration of Old and Inefficient City Districts	Alireza Gharakhani Islamic Azad University Savadkooh branch, Iran
	Non-Sensitive Solutions in Multi-Objective Optimization of a Solar Photovoltaic/Thermal (PV/T) Air Collector	F. Sarhaddi, S. Farahat, M .A. Alavi, F. Sobhnamayan University of Sistan and Baluchestan, Iran
	Yield and Yield Components of Cowpea as Affected by Different Sources and Application Rates of Nitrogen Fertilizers	Farhad Farahvash Islamic Azad University, Iran
	Bio-extraction of Heavy Metals from Acid Mine Drainage	Reza Marandi Islamic Azad University, Iran
10:30 10:45	Coffee Break	
10:45 12:00	Chair : Hakim S. Sultan Aljibori, Dheerendra Kumar Dwivedi	HALL-B Session – VII (February 23, 2011)
	Tool Failure Detection Based on statistical Analysis of Metal Cutting Acoustic Emission Signals	Otman Belgassim Alfateh University, Libya
	Performance of Compound Enhancement Algorithms on Dental Radiograph Images	Siti Arpah Bt Ahmad Universiti Teknologi Mara Malaysia, Malaysia
	Study of the elastic scattering of ^{16}O , ^{14}N and ^{12}C on the nucleus of ^{27}Al at different energies near the coulomb barrier	Nurlan Amangeldi Kazakh National University, Kazakhstan
	Systematic Study of the p, d and ^3He Elastic Scattering on ^6Li	Nurlan Amangeldi Kazakh National University, Kazakhstan
	Study on the effect of volume fraction of dual phase steel to corrosion behaviour and hardness	Nadlene Razali Universiti Teknikal Malaysia Melaka, Malaysia
	Effect Of Friction Stir Welding On Microstructural and Mechanical Properties Of Copper Alloy	Dheerendra Kumar Dwivedi Iit Roorkee, India
	Artificial Intelligence Model to Predict Surface Roughness of Ti-15-3 Alloy in EDM Process	Md. Ashikur Rahman Khan, M. M. Rahman, K. Kadirgama, M.A. Maleque, Rosli A. Bakar; Universiti Malaysia Pahang, Malaysia
	Energy Systems and Crushing Behavior of Fiber Reinforced Composite Materials	Hakim S. Sultan Aljibori Asia Pacific University, Malaysia
	Vibration of Functionally Graded Cylindrical Shells Under Free-Free Boundary Conditions	A.R.Tahmasebi Birgani, M.Hosseinjani Zamenjani, M.R.Isvandizabaei, Islamic Azad University, Shoushtar Branch, Iran
	Third Order Shear Deformation Plate Theory For Vibration FGM Shells	M.Hosseinjani Zamenjani, A.R.Tahmasebi Birgani, M.R.Isvandizabaei, Islamic Azad University, Shoushtar Branch, Iran
	A New Hybrid Intelligent Algorithm for Earth Dam Slope Stability Estimation	HamidReza Samareh Hedayat Islamic Azad University, Iran
	CFD Simulation of FTS fixed-bed reactor based on Iron catalyst and resolving temperature runaway	Mohammad Irani Research Institute of Petroleum Industries, Iran
	Information and Communication Technology (ICT) as a catalyst	S. Sharafi, G. Bassak Harouni, S. Torfi Islamic Azad University Susangerd Branch, Iran
	Behavior Of Generated Gas In Lost Foam Casting	Mohammad Khodai Islamic Azad university, Iran
	The effects of shear velocity and feed rate parameters on thermoplastic parts in milling process	Mohammad Setareh Islamic Azad University,Iran
	Carbothermic reduction of mechanically activated mixtures of celestite and carbon	Nader Setoudeh Yasouj University, Iran
12:00 13:00	Lunch Break	

	Thursday: February 24, 2011	
09:00 10:30	Chair : Masroor Bukhari, Yoshihiro Ochiai, Nasreen Thebo	HALL-A Session – VIII (February 24, 2011)
	Development And Characterization Of Normoxic Polyhydroxyethylacrylate (PHEAG) Gel Dosimeter Using Raman Spectroscopy	Aifa Afirah Rozlan University Science Malaysia, Malaysia
	Specificity peptides of C-reactive protein analysis by LC-MS/MS	Dewei Song National Institute of Metrology, P. R. China
	Hair mechanical properties depending on age and origin	Meriem Benzarti Ecole Centrale de Lyon, France
	Differentiation Capacity Of Mouse L929 Fibroblastic Cell Line Compare With Human Dermal Fibroblast	Kasem Theerakittayakorn Chulalongkorn University, Thailand
	Economic Returns of Using Brewery's Spent Grain in Animal Feed	Usama Ben-Hamed University of Sunderland, United Kingdom
	Temperature-dependent Structural Perturbation of Tuna Myoglobin	Yoshihiro Ochiai University of Tokyo, Japan
	Intrinsic Electromagnetic Fields and Atom-Field Coupling in Living Cells	Masroor Bukhari Dow University, Pakistan
	Determination of alkaline protease production in <i>Serratia marcescens</i> sp7 using agro wastes as substrate medium, optimization of production parameters and purification of the enzyme	Sankarganesh Palaniyandi, Baby Joseph Malankara Catholic College, Tamil Nadu, India
	Modeling of bio scaffolds: Structural and Fluid Transport Characterization	Sahba Sadir Universiti Teknologi Malaysia, Malaysia
10:30 10:45	Coffee Break	
	Effect of different tillage methods on soil properties and grain yield of two wheat cultivars	Khosro Mohammadi Islamic Azad University, Iran
	Impressibility of soil microbial community from different systems of tillage and fertilization in canola production	Khosro Mohammadi, Amir Ghalavnd, Majid Aghaalkhani Tarbiat Modares University, Iran
	Effect of Water Deficit Stress and Nitrogen on Yield and Compatibility Metabolites on Two Medium Maturity Corn Cultivars	Adel Soltani Pyam Noor University of Pavah, Iran
	Estimating saturated hydraulic conductivity based on soil textural parameters	Maarof Siosemarde Islamic Azad University, Iran
	Studding of number of dataset on precision of estimated saturated hydraulic conductivity	Maarof Siosemarde Islamic Azad University, Iran
	Analysis of hydrological drought based on daily flow series	Motalleb Byzedi Islamic Azad University, Iran
	Biodiversity aspects of some Triticeae weedy grasses in Iran	Maryam Keshavarzi Alzahra University, Iran
	Optimizing Voltage Parameter of Deep Brain Stimulation for Parkinsonian patients by Modeling	Mehrzad Sadeghi Islamic Azad university, Iran
	Antioxidant components of <i>Fumaria</i> species (<i>Papaveraceae</i>)	F. Habibi Tirtash, M. Keshavarzi, F. Fazeli Alzahra University, Iran
	A Chaotic Study on Tremor Behavior of Parkinsonian Patients under Deep Brain Stimulation	Mehrzad Sadeghi Islamic Azad University, Iran
	The first prevalence report of direct identification and differentiation of <i>B. abortus</i> and <i>B. melitensis</i> using Real Time PCR in house mouse of Iran	Abbas Doosti Islamic Azad University, Iran
	Association of the p53 codon 72 polymorphism with colorectal cancer in south west of Iran	Abbas Doosti Islamic Azad University, Iran
	The prevalence of Transfusion-transmitted virus (TTV) infection in Iranian patients with chronic hepatitis B and C	Payam Ghasemi Dehkordi Islamic Azad University, Iran
12:00 13:00	Lunch Break	

09:00 10:30	Chair : Satoru Kaneko, Masao Kumagai	HALL-B Session – IX (February 24, 2011)
	Future Photonics Internet based on spectral amplitude coding OCDMA networks	Hilal Adnan Fadhill University Malaysia Perlis, Malaysia
	Curing Methods yield Multiple Refractive Index of Benzocyclobutene Polymer Film	Nor Akmar Mohd Yahya University of Malaya, Malaysia
	Effect of CW Laser Annealing on Silicon Surface for Application of Power Devices	Satoru Kaneko Kanagawa Industrial Technology Center, Japan
	Delamination and Wear of DLC Coatings	Masao Kumagai Kanagawa Industrial Technology Center, Japan
	Surface Plasmon Polariton excitation by a Phase Shift Grating	Tomoyasu Nakada, Yoshinori Nakagawa, Masanobu Haraguchi, Toshihiro Okamoto, Michael Flockert, Toshiro Isu, Gen-ichi Shinomiya; The University of Tokushima, Japan
	Nano-technology approach for the study of Rutherford Back Scattering and channeling on ion-implantation with computerized data acquisition tools	Parimala Yechhan Gunja Rayalaseema University, India
	Polyethylenimine Coated Carbon Nanotube for Detecting Rancidity in Frying Oil	Vincent Lau Chun Fai, Yang Doo Lee, Kyongsoo Lee, Keun-Soo Lee, Shin-Kyung and Byeong-Kwon Ju, Korea University, Korea
	Silver nanocomposite /dielectric one dimensional photonic crystal	Arafa Hussien Aly American University of Cairo, Egypt
10:30 10:45	Coffee Break	
	Design and Simulation of Electromagnetic Flow Meter for Circular Pipe Type	Mozhdeh Karamifard, Mohammad Kazeminejad, Alireza Maghsoodloo; Islamic Azad University, Iran
	Size Dependence of Electrooxidized Fe ₃ O ₄ Nanoparticles on Surfactant Concentration	Iraj Kazeminezhad Chamran University, Iran
	Sonoelectrooxidation of Fe ₃ O ₄ Nanoparticles at Different Growth Temperatures	Iraj Kazeminezhad Chamran University, Iran
	Patterned growth of ZnO nanowire arrays on zinc foil by thermal oxidation	Farid Jamali-Sheini, Dilip S. Joag, Mahendra A. More Islamic Azad University, Iran
	Finite Element Modeling And Vibrational Analysis Of Carbon Nanotube Reinforced-Composite To Acquire System Natural Frequencies	Abdolhossein Fereidoon Islamic Azad University, Iran
	High Optical Properties and Rectifying Behavior of ZnO (Nano and Microstructures)/Si Heterostructures	Ramin Yousefi Islamic azad University, Iran
12:00 13:00	Lunch Break	
10:00 12:00	HALL A-B e-Session – VII (February 22-23-24, 2011)	
	Numerical calculation of the ionization energy of donors in a cubic quantum well and wire	Sara Sedaghat Jahromi Islamic Azad University, Iran
	On-Line Arabic Handwriting Text Line Detection Using Dynamic Programming	Randa Ibrahim Elanwar Electronic Research Institute, Egypt
	Polymorphisms of Nqo1 Gene and Risk in Patients with Acute Myeloid Leukaemia	Farhad Zaker Iran university of Medical Sciences, Iran
	Simulation of Sloshing-Shear Mixed Shallow Water Waves (I) Model Formulations	Weihaio Chung Chinese Military Academy, Taiwan
	Simulation of Sloshing-Shear Mixed Shallow Water Waves (II) Numerical Solutions	Weihaio Chung, Iau-Teh Wang, Yu-Hsi Hu Chinese Military Academy, Taiwan
	Distributed Load Flow Analysis Using Graph Theory	D. P. Sharma, A. Chaturvedi, G.Purohit, R.Shivarudraswamy National Institute of Technology Karnataka, India
	Multi-Agent Model for Automation of Business Process Management System Based on Service Oriented Architecture	Soe Winn, May Thwe Oo Beihang University, China
	Sequential Straightforward Clustering for Local Image Block Matchin	Mohammad Akbarpour Sekeh Universiti Teknologi Malaysia, Iran
	Introduction of selected parameters affecting zinc oxide lightning rods determined its protective radius	Ali Alesaadi Farzad Kavehnia, Mohammad Mehdi Islamic Azad University-Kazerun Branch, Iran

	Influence of Taguchi Selected Parameters on Properties of CuO-ZrO ₂ Nanoparticles Produced via Sol-gel Method	H. Abdizadeh, Y. Vahidshad University of Tehran, Iran
	Application of neural network and finite element for prediction the limiting drawing ratio in deep drawing process	H.Mohammadi Majd, M.Jalali Azizpour, A.V. Hoseini Production Technology Research Institute, Iran
	Prediction The Deformation In Upsetting Process By Neural Network And Finite Element	H.Mohammadi Majd, M.Jalali Azizpour , Foad Saadi Islamic Azad University, Ahwaz Branch, Iran
	Determination Of LC50 Of Ferro Sulphate And Investigation Of Its Effects On Muscles Of Common carp Juvenile	Tahereh Naji, Mohammad Karim Jazebizadeh, Ali Atefyekta Islamic Azad University, Pharmaceutical Sciences Branch, Iran
	Anticancer Effect Of Doxorubicin Loaded Heparin Based Super-Paramagnetic Iron Oxide Nanoparticles Against The Human Ovarian Cancer Cells	Amaneh Javid University Of Tehran, Tehran, Iran
	Comparative Study Of Antimicrobial Activities Of TiO ₂ And CdO Nanoparticles Against The Pathogenic Strain Of Escherichia Coli	Hossein Bari Abarghouei Department Of Agriculture, Payame Noor University, Iran
	Bactericidal Properties Of Carbohydrate-Stabilized Platinum Oxide Nanoparticles	Saeed Rezaei-Zarchi Department Of Biology, Payame Noor University, Iran
	Time and distance dependence of protons energy loss for laser (pw-ps) fusion driven ion acceleration	B. Malekynia Islamic Azad University, Gachsaran Branch,, Iran
	The Buffer Gas Influence Rate on Absolute Cu atoms density with regard to Deposition	S.Sobhanian, H.Naghshara, N.Sadeghi, S.Khorram Science and Research Branch, Islamic Azad University, Iran
	Natural Radioactivity Measurements of Basalt Rocks in Sidakan District Northeastern of Kurdistan Region-Iraq	Ali A. Ahmed, Mohammed I. Hussein University of Salahaldeen, Iraq
	The Role of Portrait in Advertising	Firouzeh Keshavarzi Islamic Azad University Islamshahr Branch, Iran
	Repairing the Gas Turbine Parts Using High Velocity Oxygen Fuel Thermal Spray	M.Jalali Azizpour, S.norouzi, H.Mohammadi Majd, S.A.Hosseini, H.Talebi, A.Ghamari, Zargan Power Plant, Iran
	Preliminary results of in-vitro skin tissue soldering using gold nanoshells and ICG combination	Mohammad Sadegh Nourbakhsh, Mohammad Etrati Khosroshahi Semnan University, Iran
	Comparison between Casting and Flame Thermal Spraying Processes in Bearing Babbiting	M. Jalali Azizpour, A.Taherinia, H. Mohammadi Majd, S.A.Hosseini, H.Talebi, A.Ghamari, Reza Harooni, Zargan Power Plant, Iran
	Knowledge Management Model for managing knowledge among Related Organizations	Mahboubeh Molaei National University Of Malaysia (UKM), Malaysia
	Applying Case-Based Reasoning in Supporting Strategy Decisions	S. M. Seyedhosseini, A. Makui, M. Ghadami Iran University of Science and Technology, Iran
	Effects Of Planting Date And plant Density On Yield Components Of Popcorn As A Second Culture in Arak	Babak Paykarestan, Gity Salahi Esfahani, Mohammadreza Seify, Heshmatollah Omid, Saveh payam noor university, Iran
	Effect of Mint Essence And Ultraviolet On Thyme Seed Germination	Babak Paykarestan, Gity Salahi Esfahani, Mohammadreza Seify, Heshmatollah Omid, Saveh payam noor university, Iran
	Monte Carlo Simulation of Copolymer Heterogeneity in Atom Transfer Radical Copolymerization of Styrene and n-Butyl Acrylate	Mohammad Najafi, Hossein Roghani-Mamaqani, Mehdi Salami-Kalajahi, Vahid Haddadi-Asl Research Institute of Petroleum Industry, Iran
	Estimating Sediment Loads Entry in the Reservoirs using USBR and FAO methods-A case study of the Karkheh hydro-electrical dam in Iran	G. Neisi, A. Zahiri , H.Makenalizadeh, S. Torfi, A. Noorbakhsh Islamic Azad University Susangerd Branch, Iran
	Accuracy evolution of HEC-ResSim simulator model for management of suitable utilization from dams reservoirs (case study: Dez regulative dam)	H. Makenanizadeh, Adel Taherinia, S. Torfi Islamic Azad University Susangerd Branch, Iran
	Control Of Microwave Plasma Generating	Abraham N. Jalita, Jalal Miladi Plasma Research Laboratory, Libya
	Thermal and Mechanical Buckling of short and long functionally graded cylindrical shells using first order shear deformation theory.	O.Miraliyari, M. M. Najafizadeh, A. R. Rahmani, A.Momeni Hezaveh Islamic Azad University, Arak branch, Iran
	Vibration of functionally graded cylindrical shells with ring support	O.Miraliyari Islamic Azad University, Arak branch, Iran
	Free Vibration Analysis of Functionally Graded Beams	Gholamreza Koochaki Islamic Azad University, Arak Branch, Iran
	A New Cross Layer scheduling for WiMax Network	Mahdieh Nayeri, Vahid Tabatabavakily Iran university of science and technology, Iran

SWNT sensors for Monitoring the oxidation of edible oils	Keunsoo Lee, Kyongsoo Lee, Vincent Lau, Kyeong Shin and Byeong-Kwon Ju, Korea University, Republic of Korea
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Optimization Approach on Flapping Aerodynamic Characteristics of Corrugated Airfoil	Jr-Ming Miao National Pingtung University of Science and Technology, Taiwan
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Disturbances of the normal operation of Kosovo Power System regarding atmospheric discharges	Bahri Prebreza University of Prishtina, Kosovo
"Wind farm modeling for steady state and dynamic analysis" & "Re-design of load shedding schemes of the Kosovo Power System"	Gazmend Kabashi Kosovo Transmission System and Market Operator, Kosovo
Linear Detection and Identification of Gross Errors in Hydrotreating Process	B. Baloochy, M. Sadi, S. Shokri, M. Ahmadi Marvast Research Institute of Petroleum Industry, Iran
Adaptive Data Reconciliation for Real Time Operation Optimization	B. Baloochy, S. Shokri, M. Ahmadi Marvast Research Institute of Petroleum Industry, Iran
Application of Taguchi Method and ANOVA Analysis for Simultaneous Optimization of Machining Parameters and Tool Geometry in Turning	Farhad Kolahan, Mohsen manoochehri, Abbas Hosseini Ferdowsi University of Mashhad, Iran
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Microstructure parameters of a super-ionic sample (CsAg ₂ I ₃)	Samir Osman M., Mohammed Hassan S. Ibb University, Yemen
Studies on Nuclear Magnetic Shielding Constants for Isoelectronic Series of the Atoms He, Li, and Be Using Improved Roothan-Hartree-Fock Wave-Functions	Mohammed N. M., A. A. M. Habib Ibb University, Yemen
Waist Circumference, Body Mass Index, Hip Circumference and Waist-To-Hip Ratio in type 2 diabetes patients in Gorgan, Iran	A. Marjani Golestan University of Medical Sciences, Iran
Methanol concentration sensitive SWCNT/Nafion composites	Kyongsoo Lee Korea University, Korea Republic
Field emission properties of multi-wall carbon nanotube field emitters using graphite tip by electroporetic deposition	Byun Gui Sob Korea university, Republic of Korea
Photoluminescence properties of β -FeSi ₂ on Cu- or Au-coated Si	Kensuke Akiyama Kanagawa Industrial Technology Center, Japan
Application of Trichoderma species and Bradyrhizobium japonicum against Phytophthora sojae in vivo	Doustmorad Zafari, Najmeh Ayoubi, Mansore Mirabolfathi Bu Ali Sina university, Iran
Nano Coating Application for Corrosion Reduction in Oil and Gas Transmission Pipe: A Case study in south of Iran	Mostafa Goodarzi, Eisa Noveiri and Mehdi Jalali Azizpour Islamic Azad University Ahwaz branch, Iran
The Study of Corrosion in Oil and Gas Transfer Pipeline and its Removal by Nano-Composite Coating	Eisa Noveiri and Mehdi Jalali Azizpour Production Technology Research Institute (PTRI Of ACECR), Iran
Size-Dependent Evaluation Of Fischer-Tropsch Synthesis By Nano Structured Iron Catalyst	Ali Nakhaei Pour Research Institute Of Petroleum Industry (Ripi), Iran
Effects of Variations in Generator Inputs for Small Signal Stability Studies of a Three Machine Nine Bus Network	Hemalan Nambier a/I Vijayan Universiti Tenaga Nasional, Malaysia
The Study Of Corrosion In Oil And Gas Transfer Pipeline And Its Removal By Nano-Composite Coating	Mostafa Goodarzi, Eisa Noveiri, Sadegh Torfi Islamic Azad University Ahwaz Branch, Iran

	Di Ethanol Amine and Trouble Shouting	AbdulAziz AlYousef, Meshal AlShammari Kuwait National Petroleum Company, Kuwait
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