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 social and human sciences.

INTERNATIONAL SPECIAL JOURNAL ISSUES

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.

INTERNATIONAL CONFERENCE SECRETARIAT

PO Box 3151 NMSU, Las Cruces, NM 88003-3151, USA
URL: www.waset.org :::: e-mail: info@waset.org

WASET 2012 KUALA LUMPUR
INTERNATIONAL CONFERENCE PROGRAM

August 28-29, 2012 Renaissance Kuala Lumpur Hotel, Corner of Jalan Sultan Ismail and Jalan Ampang, KL, Malaysia
Tel: 603.2716.9935 Fax: 603.2161.5555

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The Scientific Research Journals welcome the submission of original manuscripts from all academic disciplines at www.waset.org/submission.php. It is expected that submissions to the Journals will be structured according to the established scientific format, and that manuscripts will be organized/sectioned in a manner that maximizes both the substance and clarity of the document. The manuscripts are further peer-reviewed and evaluated with respect to originality, academic and practical relevance, thoroughness, accuracy, consistency, credibility, and proper referencing.
**REMARKS:** Presenters of particular session should be ready in the meeting room at least 10 minutes before the beginning of the session. Also, Presenters should introduce themselves to the session chair and upload their papers to the computer.

## CONFERENCE REGISTRATION
August 28, 2012 from 08:45am to 12:00pm  
August 29, 2012 from 08:45am to 12:00pm

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| 09:00 - 11:00 | Information Sharing to Transformation: Antecedents of Collaborative Networked Learning in Manufacturing | W.H. Quik, N. Wright  
Auckland University of Technology, New Zealand |
| 09:00 - 11:00 | A Case Study of an Online Assignment Submission System at UOM                | V. Ramarain-Set Hof, J. Abdool Karim, A. Amir  
University of Mauritius, Mauritius |
| 09:00 - 11:00 | Finite Element Analysis of Cooling Time and Residual Stains in Cold Spray Deposited Titanium Particles | Thanh-Duc Phan, Saden H. Zahiri, S. H. Masood, Mahnaz Jahedi  
Universiti Teknologi PETRONAS, Malaysia |
| 09:00 - 11:00 | Effect Comparison of Speckle Noise Reduction Filters on 2D-Echocardiographic Images | Faten A. Dawood, Rahmata W. Rahmat, Suhaini B. Kadiman, Lili N. Abdullah, Mohd D. Zamrin  
Universiti Putra Malaysia, Malaysia |
| 09:00 - 11:00 | CAPWAP Status and Design Considerations for Seamless Roaming Support         | Mohammed Balfaqih, Sharig Haseeb, Mohammed Hasbullah Mazlan, Siti Norhaizum Hasnan, Omer Mahmood, Aisha Abdallah  
International Islamic University Malaysia (IIUM), Malaysia |
| 09:00 - 11:00 | SURF based Matching From Different Angle of Viewpoints Using Rectification and Simplified Orientation Correction | K.M. Goh, M.M. Mokkij, S.A.R. Abu Bakar  
Universiti Teknologi Malaysia, Malaysia |
| 09:00 - 11:00 | Combined Simulated Annealing and Genetic Algorithm to solve optimization problems | Younis Elhaddad  
University of Budapest, Libya |
| 09:00 - 11:00 | An Approach for Data Analysis, Evaluation and Correction: A Case Study from Man-Made River Project in Libya | Nasser M. Amalitik, Nabil A. Alfagi  
University of Budapest, Libya |
| 09:00 - 11:00 | Using The Genetic Algorithm to Optimize Supercapacitor Fabrication          | Chia Yen Yee, Ridhuan Ahmad Sami su, Dino Isa  
The University of Nottingham Malaysia Campus, Malaysia |
| 11:00 - 11:15 | Coffee Break                                                               |                                                                        |
| 11:15 - 13:00 | Chair: Satyam Shivam Gautam, Sutanu Samanta                              | Session - II (Oral Presentation)  
HALL A - August 28, 2012                                                                 |
| 11:15 - 13:00 | Development of Predictive Model for Surface Roughness in End Milling of Al-SiCp Metal Matrix Composites Using Fuzzy Logic | Chandrasekaran M, D. Devarasiddappa  
North Eastern Regional Institute of Science and Technology, India |
| 11:15 - 13:00 | Sprayer Boom Active Suspension Using Intelligent Active Force Control      | R.A. Rahman, M. Musa, M. Gohari  
Universiti Teknologi Malaysia, Malaysia |
| 11:15 - 13:00 | Numerical Analysis and Experimental Validation of Detector Pressure Housing Subject To HPHT | Hafeez Syed, Harit Naik  
Halliburton, India |
| 11:15 - 13:00 | Process and Supply-Chain Optimization for Testing and Verification of Formation Tester/Pressure-While-Drilling Tools | Vivek V, Hafeez Syed, Darren W Terrell, Harit Naik  
Halliburton, India |
| 11:15 - 13:00 | Collision Detection between Planar Objects Bounded by NURBS Curves         | Abdulmohsen Albeedah  
King Saud University, Saudi Arabia |
Universiti Tun Hussein Onn Malaysia, Malaysia |
| 11:15 - 13:00 | Effect of Mass on Bus Superstructure Strength Having Rollover Crash        | Mustafa Bin Yusof, Mohammad Amirul Affiz Bin Afripin  
Universiti Teknologi Malaysia, Skudai, Johor, Malaysia |
| 11:15 - 13:00 | Biodiesel from coconut oil: a renewable alternative fuel for diesel engine | Md Alamgir Hossain  
Military Institute of Science and Technology, Bangladesh |
| 11:15 - 13:00 | Determination of Welding Residual Stresses in Fillet Welded Joints Using ANSYS APDL Program and Comparison with Experimental Results | Nazhad Ahmad Hussein  
University of Salahaddin, Iraq |
| 11:15 - 13:00 | the Effect of tool Geometry on Microstructural and Mechanical Properties of Friction Stir Welded Al- Alloy 2011-T6 | Shawnam Rashid Jalal  
University of Salahaddin, Iraq |
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<td>Nohman Ahmed, A. J. Day, J. L. Victory, L. Zeall, B. Young University of Bradford (BAE Systems), UK</td>
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<td>Numerical Analysis of Flow Past Circular Cylinder with Triangular and Rectangular Wake Splitter</td>
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<td>Vivek Shrivastava, Pavan Badami, Saravanan V, Nandeesh Hiremath, K N Seetharamu People's Education Society Institute of Technology (PESIT), India</td>
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<td>Analytical Model Prediction: Micro-Cutting Tool Forces with the Effect of Friction on Machining Titanium Alloy (Ti-6Al-4V)</td>
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<td>Mohd Shahrom Ismail Politeknik Sultan Salahuddin Abdul Aziz Shah, Malaysia</td>
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<td>Geared Turbofan as a Step Ahead</td>
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<td>Abhinav Purohit Hindustan College of Engineering and Technology, India</td>
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<td>Designing and Simulation of Model Predictive Controller Based Neuro-Fuzzy Model of Nonlinear Multivariable Systems Using Gradient Descent</td>
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<td>Zohreh Zeighami Islamic Azad University, Iran</td>
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<td>FAT based Adaptive Impedance Control for Unknown Environment Position</td>
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<td>Norsinnira Zainul Azlan, Hiroshi Yamaura Tokyo Institute of Technology, Japan</td>
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<td>Mercerization treatment parameter effect on natural fiber reinforced polymer matrix composite: A brief review</td>
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<td>Mohd Yussni Hashim Universiti Tu Hussein Onn Malaysia, Malaysia</td>
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<td>Geochemistry and origin of tektites from Bao Loc, Vietnam</td>
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<td>Yung-Tan Lee, Ren-Yi Huang, Jyh-Yi Shih, Meng-Lung Lin, Yen-Tsui Hu, Hsiao-Ling Yu, Chih-Cheng Chen Aletheia University, Taiwan</td>
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<td>Non-Destructive Evaluation of Launch Tube Welds with Radiography</td>
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<td>Tosapolporn Pornpibunsompop Defense Technology Institute (Public organization), Thailand</td>
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<td>Experimental Study of the Metal Foam Flow Conditioner for Orifice Plate Flowmeters</td>
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<td>B. Manshoor, N. Ihsak, Amir Khalid Universiti Tun Hussein Onn Malaysia, Malaysia</td>
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<td>The effect of intermediate stiffeners on steel reinforced concrete beams behaviors</td>
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<td>Teguh Sudibyo, Cheng-Cheng Chen National Taiwan University of Science and Technology, Taiwan. ROC</td>
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<td>2-D Seismic Fault Simulation Based on Convolution Quadrature Time-domain Traction Boundary Element Method</td>
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<td>Generation of Artificial Earthquake Accelerogram Compatible with Spectrum Using the Wavelet packet Transform and Neuro-Fuzzy Networks</td>
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<td>Mohammad Khorasani East Tehran Branch, Islamic Azad University, Iran</td>
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<td>Performance Determinants for Convenience Store Suppliers</td>
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<td>Investigating the fatigue crack initiation location in interference fitted and/or bolt clamped Al 2024-T3 double shear lap joints</td>
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| 13:00 | Chair: Nidal Hadadin | Lunch Break |
| 13:30 | Session - VIII (Oral Presentation) HALL B - August 29, 2012 |
| 09:00 | 11:00 | Optimal Conditions for Carotenoid Production and Antioxidation Characteristics by Rhodotorula rubra | Nuttaporn Chamchay | Chiangmai University, Thailand |
| Optimization of DPPH Activity by Rhodotorula rubra Using Central Composite Design | Nuttaporn Chamchay | Chiangmai University, Thailand |
| An Improved QRS Complex Detection for Online Medical Diagnosis | Ida Laila Binti Ahmad | Universiti Tun Hussein Onn Malaysia (UTHM), Malaysia |
| The function of green roof and green façade in Urban Agriculture | Nazanin Nafici | University Teknology Mara, Malaysia |
| Soil degradation in Northern Iran affected by land use change (Comparing different soil degradation indices) | Ataollah Kavian, Maryam Rezaei Pasha | Sari Agricultural Sciences and Natural Resources University, Iran |
| Malaysian Extension Workers’ Attitudes towards Sustainable Agriculture | Neda Tiraeyari, Azimi Hamzah, Bahaman Abu Samah, Jegakuli | University Putra Malaysia, Malaysia |
| The Impact Of Vertical Garden On Sustainable Urban Agriculture | Nazanin Nafici, Seyed Mohsen Hashemi Ardestani | University Teknology Mara, Malaysia |
| Application of the Water Evaluation and Planning (WEAP) Model for effective water management and allocation in Mahanadi river basin of India | Manjushree Singh, R Singh, P B S Bhadoria | Indian Institute of Technology Kharagpur, India |
| Anaerobic Treatment of Petroleum Refinery Wastewater | H. A. Gasim, S. R. M. Kuty, M. Hasnain Isa | Universiti Teknologi PETRONAS, Malaysia |
| Development New Sediment Transport Equations for Natural Open Channel | Nidal Hadadin | The Hashemite University, Jordan |

<p>| 11:00 | Chair: Kayoko Yamamoto | Coffee Break |
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| Synthesis and Modification of Aniline- formaldehyde with Salicylic acid for Sorption of Zinc Ion from Environmental Samples | Elham Moniri, Homayon Ahmad Panahi, Zahra Azizi, Mahboobeh Nanoochehri | Islamic Azad University, Varamin (Pishva) Branch, Iran |
| Bioethanol - A Viable Answer To India’s Surging Energy Needs | Pranav Raghav Sood | National Public School, Indiranagar, Bangalore, India |</p>
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<td>Ornst Jan, Voracek Jan, Allouache Atmane, Allouache Diana</td>
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<td>Hsing Wu Institute of Technology, New Taipei City, Taiwan, R.O.C.</td>
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<td>Ru-Shuo Sheu, Han-Hsin Chou, Te-Shyang Tan</td>
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<td>Exploring the Relationships among Shopping Motivation, Shopping Behavior, and Post-Purchasing Behavior of Mainland Tourists toward Taipei Night Markets</td>
<td>Ren-Hua Kung, Jen-Chieh Liu, Chi-Teng Chang, Pei-Ti Chen</td>
<td>Chung Hua University: Ta Hwa Institute of Technology, Taiwan</td>
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<td>Exploring the Medical Tourism Development Barriers and Participation Willingness in Taiwan: An Example of Mainland Tourist</td>
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<td>Numerical Study on CO2 Pollution in an Ignition Chamber by oxygen enrichment</td>
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<td>Comparison of Stochastic Point Process Models of Rainfall in Singapore</td>
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<td>Some Physiological Characteristics of Lentil(Lens culinaris L.) Cultivars in Response to Drought Stress</td>
<td>Cyrus Mansourifar, Pezhman Allah-Moradi, Saeed Jalali-honarandad</td>
<td>Moshen Saeedi; Razi (Kermanshah) University, Iran</td>
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<td>Effect of argon on the properties of plasma polymerized thin films deposited from benzene using (PECVD) method</td>
<td>Hisham M. Abourayana</td>
<td>Plasma Research Laboratories, National Authority for Scientific Research, Tripoli University, Libya</td>
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<td>Analysis of Complexes Pairing Performat Radical and water</td>
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<td>Isolation of anthracene degrading anaerobic bacteria from PAH-contaminated soil</td>
<td>Reza Samsami, Hamideh Rahmani, Najaf Hedayat</td>
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<td>Comparison of the theoretical constant Rydberg (R∞) with experimental value(R∞) and measuring the mass of hydrogen atom</td>
<td>Behrouz Baghbanzadeh</td>
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**Lunch Break**

**10:00**

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**August 28-29, 2012 (HALL A - HALL B)**

**Planning of Road Infrastructure Financing: Computational Finance Viewpoint**  
Ornst Jan, Voracek Jan, Allouache Atmane, Allouache Diana  
University of Economics in Prague, Czech Republic

**Work Motivation, Work Stress, and Job Satisfaction in between Taiwan and China - An Empirical Study**  
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Chung Hua University: Ta Hwa Institute of Technology, Taiwan

**Exploring the Medical Tourism Development Barriers and Participation Willingness in Taiwan: An Example of Mainland Tourist**  
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Plasma Research Laboratories, National Authority for Scientific Research, Tripoli University, Libya

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