



Print ISSN 2010-376X  
Electronic ISSN 2010-3778

**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.

# WASET 2011 VENICE, ITALY INTERNATIONAL CONFERENCE PROGRAM

November 28-30, 2011, NH Laguna Palace, Viale Ancona, 2 30172 Mestre Venezia, Italy  
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## International Scientific Research and Experimental Development

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**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**

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**INTERNATIONAL SCIENTIFIC AND TECHNICAL SPONSORS**

- International Journal of Agricultural and Biological Sciences
- International Journal of Chemical and Environmental Engineering
- International Journal of Civil and Earth Engineering
- International Journal of Computational and Mathematical Sciences
- International Journal of Computer and Communication Engineering
- International Journal of Electrical and Electronics Engineering
- International Journal of Engineering and Applied Sciences
- International Journal of Industrial and Manufacturing Engineering
- International Journal of Mechanical and Aerospace Engineering
- International Journal of Social and Human Sciences

**JOURNAL MANUSCRIPT SUBMISSION GUIDELINES**

The Journals welcome the submission of manuscripts from all academic disciplines. 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 per-reviewed and evaluated with respect to originality, academic and practical relevance, thoroughness, accuracy, consistency, credibility, and proper referencing.

**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 11-13, 2012
- Paris, FR: April 25-27, 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

| Time                   | Paper Title   | Authors  |
|------------------------|---|--|
|                        | <b>Conference Registration Remarks</b>  |  |
|                        | 1) Registration is from 08:30am – 18:00pm on 28 November 2011<br>2) Registration is from 08:30am – 13:00pm on 29 November 2011<br>3) Registration is from 08:30am – 12:30pm on 30 November 2011 |  |
|                        | <b>Monday November 28, 2011</b>   |  |
| <b>09:00<br/>11:00</b> | <b>Chair : Sarma Cakula</b>   | <b>HALL-A Session – I (November 28, 2011)</b>  |
|                        | <b>Plenary Talk</b> : E-learning Methodology Development Using Modeling   | Sarma Cakula, Maija Sedleniece<br>Vidzeme University of Applied Sciences, Latvia   |
|                        | Image Indexing Using a Color Similarity Metric based on the Human Visual System   | Angelo Nodari, Ignazio Gallo<br>Universita Degli Studi dell'Insubria, Italy  |
|                        | Hippocampus Segmentation using a Local Prior Model on its Boundary  | Dimitrios Zarpalas, Anastasios Zafeiropoulos, Petros Daras, Nicos Maglaveras<br>Informatics and Telematics Institute, Greece |
|                        | Hybrid Feature and Adaptive Particle Filter for Robust Object Tracking  | Zhao Xinyue, Yutaka Satoh, Hidenori Takauji, Shun'ichi Kaneko<br>Hokkaido University, Japan                                  |
|                        | Hierarchical PSO-Adaboost Based Classifiers for Fast and Robust Face Detection  | Hong Pan, Yaping Zhu, Liangzheng Xia<br>Southeast University, China  |
|                        | SIFT Accordion : A space-time descriptor applied to human action recognition  | Olfa Ben Ahmed, Mahmoud Mejdoub, Chokri Ben Amar<br>National Engineering School of Sfax, Tunisia                             |
|                        | Hidden State Probabilistic Modelling for Complex Wavelet Based Image Registration   | Florina - Cristina Calnegru<br>University of Pitesti, Romania  |
|                        | Interaxial Distance and Convergence Control for Efficient Stereoscopic Shooting using Horizontal Moving 3D Camera Rig   | Seong-Mo An, Rohit Ramesh, Young-Sook Lee, Wan-Young Chung<br>Pukyong National University, South Korea                       |
|                        | Fast 2.5D model reconstruction of assembled parts with high occlusion for completeness inspection   | Matteo Munaro, Stefano Michieletto, Edmond So, Daniele Alberton, Emanuele Menegatti<br>University of Padova, Italy           |
|                        | Impact Of Fixation Time On Subjective Video Quality Metric: A New Proposal For Lossy Compression Impairment Assessment  | Maria Grazia Albanesi<br>University of Pavia, Italy  |
| <b>11:00<br/>11:15</b> | <b>Coffee Break</b>   |  |
| <b>11:15<br/>13:00</b> | <b>Chair : Abdel-Badeeh M. Salem</b>  | <b>HALL-A Session – II (November 28, 2011)</b>   |
|                        | <b>Plenary Talk</b> : Towards Data Quality: Benefits from AI Techniques   | Abdel-Badeeh M. Salem<br>Ain Shams University, Cairo, Egypt  |
|                        | Technical Trading Rules in Emerging Stock Markets   | Pauwels Stefaan, Pieter Marius, Dries Heyman, Koen Inghelbrecht<br>Ghent University, Belgium                                 |
|                        | Comparative Study of Three DGS Unit Shapes and Compact Microstrip Low-Pass and Band- Pass Filters Designs   | M. Challal, F. Labu, M. Dehmas, A. Azrar<br>University of Boumerdes, Algeria   |
|                        | Account Management Method with Blind Signature Scheme   | Ryu Watanabe, Yutaka Miyake<br>KDDI R&D Laboratories, Inc., Japan  |
|                        | Implementation and Simulation of Half-Bridge Series Resonant Inverter in Zero Voltage Switching   | Buket Turan Azizoglu<br>Dokuz Eylul University, Turkey   |
|                        | Effect of Recycled Aggregate on Mechanical-physical Properties of Fly Ash-based Composites with Fibres  | Vladimira Vytlačilova<br>Czech Technical University in Prague, Czech Republic  |
|                        | Suggestions for the Improvement of the Quality of Public Transportation Service in Campos, Brazil & A New Brazilian Friction-Resistant Low Alloy High Strength Steel – A Life Testing Approach  | Daniel I. De Souza Jr.; Giselle P. Azevedo; Patricia Duarte; Rozana Rocha<br>Fluminense Federal University, Brazil           |
|                        | Criteria of Selecting 3PL Provider : A Literature Review  | Rajesh Gupta, Anish Sachdeva, Arvind Bhardwaj<br>Giani Zail Singh College of Engineering & Technology, India                 |
| <b>13:00<br/>14:00</b> | <b>Lunch Break</b>  |  |
| <b>09:00<br/>11:00</b> | <b>Chair : Michiko Miyamoto, Anju Arora</b>   | <b>HALL-C Session – III (November 28, 2011)</b>  |

|                        |  |   |
|------------------------|--|---|
|                        | Are Asia-Pacific Stock Markets Predictable? Evidence from Wavelet-based Fractional Integration Estimator               | Pei Pei Tan, Don U.A. Galagedera, Elizabeth A. Maharaj<br>Monash University, Australia                                  |
|                        | The Performance Analysis of Interest and Non-Interest Bearing Banks during the Pre-Crisis and Crisis Periods           | Alovaddin Kalonov, Asma Mobarek<br>Stockholm University, Sweden   |
|                        | The Benefits of IFRS Adoption – A survey of Chief Financial Officers of Romanian Listed Companies                      | Lucian Munteanu<br>Bucharest Academy of Economic Studies, Romania   |
|                        | Using exponential Lévy models to study implied volatility patterns for electricity options                             | Mara Madaleno, Carlos Pinho<br>Universidade de Aveiro, Portugal   |
|                        | Into the Bank Lending Channel of SEE: Greek Banks' Buffering Effects   | Stefanos V. Fotopoulos, Harry V. Papapanagos, Fotios M. Siokis<br>University of Macedonia, Thessaloniki, Greece, Greece |
|                        | Incentive Pay System and Economy Condition   | Viktorie Janecková, Petr Šnapka, Marie Mikušová<br>Technical University of Ostrava, Czech Republic                      |
|                        | A study on a generic development process for the BPM+SOA design and implementation                                     | Toshimi Munehira<br>OGIS-RI, Japan  |
|                        | Excessive Credit Growth And Capital Buffers: Empirical Evidence From Central And Eastern European Countries            | Jakub Seidler<br>Czech National Bank and Charles University In Prague, Czech Republic                                   |
|                        | The Element of the Crisis Concept  | Marie Mikušová, Petr Šnapka, Viktorie Janečková<br>Technical University of Ostrava, Czech Republic                      |
|                        | VaR Forecasting in Times of Increased Volatility   | Ivo Jánský, Milan Rippel<br>Charles University in Prague, Czech Republic  |
|                        | Creativity and Economic Development  | Ana Barbara Bobirca, Alina Gabriela Draghici<br>Academy of Economic Studies, Romania                                    |
|                        | Intrapreneurship as a unique competitive advantage   | Christos S. Nikolaidis, Georgia C. Kosta<br>University of Macedonia, Economic and Social Sciences, Greece               |
|                        | Dividend Payment Practices in the Non-Financial Sector of Pakistan: Empirical Evidence from the Karachi Stock Exchange | Muhammad Azam Roomi, Naveed Iqbal Chaudhry, Muhammad Azeem<br>University of Bedfordshire, UK                            |
|                        | Benchmarking Credit Risk Management Capability of Commercial Banks: Design of a Maturity Model                         | Anju Arora<br>Keshav Mahavidyalaya, University of Delhi, India  |
|                        | Measuring Business and Information Technology Value in BPR: An Empirical Study in the Japanese Enterprises             | Michiko Miyamoto, Shuhei Kudo, Kayo Iizuka<br>Akita Prefectural University, Japan                                       |
| <b>11:00<br/>11:15</b> | <b>Coffee Break</b>  |   |
| <b>11:15<br/>13:00</b> | <b>Chair : Caescu Stefan Claudiu</b>   | <b>HALL-C Session – IV (November 28, 2011)</b>  |
|                        | Process Oriented Architecture for Emergency Scenarios in the Czech Republic  | Tomas Ludik, Josef Navrátil, Alena Langerová<br>University of Defence, Czech Republic                                   |
|                        | Algorithmic method for efficient cruise program  | Antonio Pelaez, Pilar Loscertales<br>University of Malaga, Spain  |
|                        | Dividend Payment Practices in the Non-Financial Sector of Pakistan: Empirical Evidence from the Karachi Stock Exchange | Muhammad Azam Roomi, Naveed Iqbal Chaudhry, Muhammad Azeem<br>University of Bedfordshire, UK, United Kingdom            |
|                        | Key Success Factors for Managing Projects  | Nader Sh. Kandlousi, Ooi Kim Nee, Anahita Abdollahi<br>Islamic Azad University, Iran                                    |
|                        | E-banking and E-money in Financial and Trade Organizations   | Nasser Sokri, Vahid Farhadi Cheshmeh Morvari, Mona Asakreh<br>Islamic Azad University, Iran                             |
|                        | Determinants of Brand Equity: Offering a Model to Chocolate Industry   | Hossien Emari<br>Islamic Azad University- Bonab Branch, Iran  |
|                        | The Impact Of The Economic Crises Over Management Marketing Strategies Of Romanian B2B Companies                       | Caescu Stefan Claudiu, Dumitru Ionel<br>Academy of Economic Studies Bucharest, Romania                                  |
| <b>13:00<br/>14:00</b> | <b>Lunch Break</b>   |   |
|                        | <b>Monday November 28, 2011</b>  |   |
| <b>09:00<br/>11:00</b> | <b>Chair : Karel Frydryšek, Ho Wei Hua</b>   | <b>HALL-B Session – V (November 28, 2011)</b>   |
|                        | The autoregressive analysis for wind turbine signal postprocessing   | Daniel Pereiro<br>Ikerlan S. Coop., Spain   |

|                        |   |  |
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|                        | Control and Detailed Modeling of Machine Tool Highly Nonlinear Thermal Behavior Based on Thermal Transfer Functions   | Martin Mares, Otakar Horejs, Pavel Barta, Jan Hornych, Petr Kohut<br>Czech Technical University of Prague, Faculty of Mechanical Engineering, Czech Republic |
|                        | Parametric Vibrations of Periodic Shells  | Barbara Tomczyk, Radosław Mania<br>Technical University of Lodz, Poland  |
|                        | Economical Analysis of Thermal Energy Storage by Partially Operation  | Zamri Noranai<br>Universiti Tun Hussein Onn Malaysia, Malaysia   |
|                        | Internal Structure Formation In High Strength Fiber Concrete During Casting   | Olga Kononova, Andrejs Krasnikovs, Videvuds Lapsa, Jurijs Kalinka, Angelina Galushchak; Riga Technical University, Latvia                                    |
|                        | Holographic interferometry used for measurement of temperature field in fluid   | Tomas Vit, Vit Ledl, Pavel Psota, Roman Dolecek<br>Technical university of Liberec, Czech Republic   |
|                        | Thermodynamic Performance of Regenerative Organic Rankine Cycles  | Kyoung Hoon Kim<br>Kumoh National Institute of Technology, Korea   |
|                        | The Fatigue Damage Accumulation on Systems of Concentrators   | A.Urbach, M.Banov, V.Turko<br>Riga Technical University, Latvia  |
|                        | Static Analysis of Fiber-Reinforced Composite Shell Structure   | Ala M. Aljassani<br>Babylon University, Iraq   |
|                        | Transient Thermal Stresses of Functionally Graded Thick Hollow Cylinder under the Green-Lindsay Model   | Tariq Darabseh<br>Jordan University of Science and Technology, Jordan  |
|                        | Numerical Study on Parametrical Design of Long Shrouded Contra-rotating Propulsion System in Hovering   | Chao Huo, Chao. Huo, Roger. Barènes, Jérémie. Gressier, Gilles.Groncin<br>Institut Supérieur de l'Aéronautique et de l'Espace, France                        |
|                        | Location of vortex formation threshold at suction inlets near ground planes – ascending and descending conditions   | Wei Hua Ho<br>University of South Africa, Republic of South Africa   |
|                        | Probabilistic Approach as a Method Used in the Solution of Engineering Design for Biomechanics and Mining   | Karel Frydrýšek<br>VSB - Technical University of Ostrava, CZ   |
| <b>11:00<br/>11:15</b> | <b>Coffee Break</b>   |  |
| <b>11:15<br/>13:00</b> | <b>Chair : Paul Arentzen</b>  | <b>HALL-B Session – VI (November 28, 2011)</b>   |
|                        | Post-Cracking Behaviour Of High Strength Fiber Concrete. Prediction And Validation  | Andrejs Krasnikovs, Olga Kononova, Amjad Khabbaz, Edgar Machanovsky, Artur Machanovsky; Riga Technical University, Latvia                                    |
|                        | Introductory Design Optimisation of a Machine Tool Using a Virtual Machine Concept  | Johan Wall, Johan Fredin, Anders Jönsson, Göran Broman<br>Blekinge Institute of Technology, Sweden   |
|                        | Productive design and calculation of intermittent mechanisms with radial parallel cams  | Pavel Dostrašil, Petr Jirásko<br>Technical University of Liberec, Czech Republic   |
|                        | Experimentation on piercing with abrasive waterjet  | Johan Fredin, Anders Jönsson<br>Blekinge Institute of Technology, Sweden   |
|                        | Comparison between Lift and Drag-Driven VAWT Concepts on Low-Wind Site AEO, Effect of Negative Pitch Angle on Darrieus Vertical-Axis Wind Turbine Performance | Marco Raciti Castelli, Ernesto Benini<br>University of Padova, Italy   |
|                        | Self Balancing Two Wheeler  | Aliasgar Eranpurwala, Manasa M, Anthony Joseph, Jyothsna K Moorthy, Zubin Jagtiani<br>PES Institute of Technology, India                                     |
|                        | Effects of Material Properties of Warhead Casing on Natural Fragmentation Performance of High Explosive (HE) Warhead  | Weerachart Kulsirikasem, Ganchai Tanapornraweekit<br>Defence Technology Institute, Thailand  |
|                        | Surface Roughness Analysis in Milling   | G Krishna Mohana Rao<br>Jawaharlal Nehru Technological University Hyderabad, India   |
|                        | Parameter Estimation using Maximum Likelihood Method from Flight Data at High Angles of Attack  | Rakesh Kumar, A.K. Ghosh<br>PEC University of Technology, Chandigarh, India  |
|                        | Effect of mesh size on the viscous flow parameters of an axisymmetric nozzle  | Rabah Haoui<br>University of Science and Technology, Algeria   |
|                        | Development of Roller-Based Interior Wall Painting Robot  | M. Sorour, M. Abdellatif, A. Ramadan, A. Abo-Ismael<br>Egypt-Japan University for Science and Technology, Egypt  |
|                        | Stability Verification for Bilateral Teleoperation System with Variable Time Delay  | M. Sallam, A. Ramadan, M. Fanni, M. Abdellatif<br>Egypt-Japan University of Science and Technology, Egypt  |
|                        | Effect of Inlet Valve Variable Timing in the Spark Ignition Engine on Achieving Greener Transport   | Osama H. Ghazal, Yousef S. Najjar, Kutaeba J. AL-Khishali<br>Applied Science Private University, Jordan  |

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|                        | Emission Characteristics of a Jet A Fueled Aviation Diesel Engine and Other Small Aircraft Engines          | Paul Arentzen, Ray Taghavi, Sean Underwood<br>University of Agder, Norway   |
| <b>13:00<br/>14:00</b> | <b>Lunch Break</b>  |   |
| <b>14:00<br/>16:00</b> | <b>Chair : Miodrag Manić, Changyi Liu</b>   | <b>HALL-B Session – VII (November 28, 2011)</b>   |
|                        | The Relationship between Manufacturing System Performance and Green Practices in Supply Chain Management    | Wan Hasrulnizzam Wan Mahmood, Mohd Nizam Ab Rahman, Baba Md Deros<br>Universiti Teknikal Malaysia Melaka, Malaysia                            |
|                        | Simulation and validation of spur gear heated by induction using 3D model                                   | Ahmed Chebak, Nouredine Barka, Abdellah Menou, Jean Brousseau, Drishty Singh Ramdenee<br>University of Quebec at Rimouski, Canada             |
|                        | Study of currents and temperature of induced spur gear using 2D simulation                                  | Nouredine Barka, Philippe Bocher, Ahmed Chebak, Jean Brousseau, Drishty Singh Ramdenee<br>University of Quebec at Rimouski, Canada            |
|                        | An Investigation of Shipping Comb Failures due to Usage in Manufacturing Processes using RCFA and FMEA      | Wisawat Atjanakul<br>King Mongkut's University of Technology Thonburi, Thailand   |
|                        | High precision draw bending of asymmetric channel section with restriction dies and axial tension           | Yusuke Okude, Shuji Sakaki, Shoichiro Yoshihara, Bryan J. MacDonald<br>University of Yamanashi, Japan   |
|                        | Classification of buckling behavior on uniaxial compression using A5052-O sheets                            | S.Onoda, S.Yoshihara, B.J.MacDonald, Y.Okude<br>University of Yamanashi, Japan  |
|                        | Lean Thinking Process in the Determination of Design Suggestions to Optimize Treatment of Weee              | Anastasia Katsamaki, Nikolaos Bilalis<br>Technical University of Crete, Greece  |
|                        | Error factors in vertical positioning system  | Hyun-Gwang Cho<br>Gyeongsang National University, South Korea   |
|                        | New approach in diagnostics method for milling process using envelope analysis                              | Claudiu Bisu, Miron Zapciu, Alain Gerard<br>University Politehnica of Bucharest, Romania  |
|                        | Modelling Topographical Quantification of Surfaces Geographical and Geological using Differential Geometry  | Mohammedi Ferhat, Bensaada Said<br>University Med Khider Biskra, Algeria  |
|                        | Industrial applications of laser engraving: influence of the process parameters on machined surface quality | F.Agalianos, S.Patelis, P. Kyratsis, E. Maravelakis, E.Vasarmidis, A.Antoniadis<br>Technical University of Crete, Greece                      |
|                        | Laser Beam Forming of 3 mm Steel Plate and the Evolving Properties  | Stephen Akinlabi, Mukul Shukla, Esther Akinlabi, Marwala Tshilidzi<br>University of Johannesburg, South Africa                                |
|                        | Fracture Location Characterizations of Dissimilar Friction Stir Welds                                       | Esther Akinlabi, Stephen A. Akinlabi<br>University of Johannesburg, South Africa  |
|                        | Analytical Cutting Forces Model of Helical Milling Operations   | Changyi Liu, Gui Wang, Matthew Dargusch<br>The University of Queensland, Australia  |
|                        | Modeling of the Process Parameters Using Soft Computing Techniques  | Miodrag T. Manić, Dejan I. Tanikić, Miloš S. Stojković, Dalibor M. Đenadić<br>Mechanical Engineering Faculty of the University of Niš, Serbia |
| <b>16:00<br/>16:15</b> | <b>Coffee Break</b>   |   |
| <b>16:15<br/>18:00</b> | <b>Chair : Zulfequar Ahmad, Ranjan Sarukkalige</b>  | <b>HALL-B Session – VIII (November 28, 2011)</b>  |
|                        | Radar Hydrology: The Effect Of Rainfall Classification In Z/R Relationships For Klang River Basin, Malaysia | Suzana Bt Ramli, Wardah Tahir<br>Universiti Teknologi Mara, Malaysia  |
|                        | Urban Water Management At The Time Of Natural Disaster  | Himan Shahabi<br>University Technology of Malaysia, Malaysia  |
|                        | Quantitative Precipitation Forecast using MM5 and WRF models in Kelantan River Basin                        | Wardah Tahir, Kamil, A.A., Sahol Hamid, A.B., Maisarah, W.W.I<br>Universiti Teknologi Mara, Malaysia  |
|                        | Urban Flood Control and Management – An Integrated Approach   | Ranjan Sarukkalige, Joseph Sanjaya Ma<br>Curtin University, Australia   |
|                        | Water depletion and urban growth in southern of Mexico City   | Eduardo L. Ramírez<br>Instituto Mexicano de Tecnología del Agua, México   |
|                        | Improved Tropical Wood Species Recognition System based on Multi-feature extractor and Classifier           | Marzuki Khalid, Rubiyah Yusof, Anis Salwa Mohd Khairuddin<br>Universiti Teknologi Malaysia, Malaysia  |
|                        | Sensitive Analysis in Application of Hybrid Genetic Algorithm in Water Distribution Systems                 | Moosa Taimoury Yansary, Hamid Bashiri Atrabi<br>High Educational Institute of Lamei Gorgani, Iran   |

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|                        | Fusion of Face and Signature at the Feature Level by Using Correlation Pattern Recognition  | Suryanti Awang, Rubiyah Yusof<br>Universiti Malaysia Pahang, Malaysia  |
|                        | Development of stormwater quality improvement strategy plan for local city councils in Western Australia  | Ranjan Sarukkalige, Dinushi Gamage<br>Curtin University, Australia   |
|                        | Stabilization Of Angular-Shaped Riprap Under Overtopping Flows  | Dilavar Khan , Zulfeguar Ahmad<br>Iit Roorkee, Uttarakhand, India  |
| <b>14:00<br/>16:00</b> | <b>Chair : Sandu Liliana, Benachour Mustapha</b>  | <b>HALL-A Session – IX (November 28, 2011)</b>   |
|                        | Material Handling Equipment Selection Using Hybrid Monte Carlo Simulation and Analytic Hierarchy Process  | Amer M. Momani, Abdulaziz A. Ahmed<br>Jordan University of Science and Technology, Jordan  |
|                        | Developing a Buffer Stock Model for Stabilizing Price and Ensuring Availability of Seasonal Staple Food in Monopolistic Market using Warehouse Receipt System   | Wahyudi Sutopo<br>Sebelas Maret University, Indonesia  |
|                        | Applying 5S Lean Technology: An Infrastructure for Continuous Process Improvement   | Raid Al-Aomar<br>Abu Dhabi University, UAE   |
|                        | A preliminary Technology Assessment analysis for the use of High Pressure Treatment on Halloumi Cheese  | Menikou, Christofi , Chartosia, Vassiliou, Charalambides<br>Frederick University, Frederick Research Center, Cyprus  |
|                        | Investigations into the turning parameters effect on the surface roughness of flame hardened medium carbon steel with TiN-Al <sub>2</sub> O <sub>3</sub> -TiCN coated inserts based on Taguchi techniques | Samir Khrais, Adel Mahammad Hassan , Amro Gazawi<br>Jordan University of Science and Technology, Jordan  |
|                        | Nanosize structure phase states in the titanium surface layers after electroexplosive carburizing and subsequent electron beam treatment  | Victor Gromov, Evgenii Budovskikh, Ludmila Bashchenko, Yurii Ivanov, Anna Ionina, Nina Soskova, Guoyi Tang<br>Siberian State Industrial University, Russia |
|                        | Formation of nanosize phases under thermomechanical strengthening of low carbon steel   | Victor Gromov, Yurii Ivanov, Vadim Kosterev, Sergey Konovalov, Veronica Myasnikova, Guoyi Tang<br>Siberian State Industrial University, Russia             |
|                        | Numerical Investigation of a Thermoplastic Melt Flow in the Metering Region of a Single Screw Extruder  | Nizar Najim<br>Babylon university, Iraq  |
|                        | Research on Core-Filling Continuous Casing by Nitrogen Pressure   | He Liang, Yong-long Zhao, Bo-lin Zang, Chun-jing WU<br>University of Science and Technology Beijing, China   |
|                        | Notch sensitivity of austempered ductile iron under rotary bending fatigue loading  | Khaled M. Ibrahim, Mohamed Bayoumy, Bakkar El-Sarnagawy, Ibrahim I. Saleh<br>Central Metallurgical R. & D. Institute, Egypt                                |
|                        | Effect of Mean Stress on Fatigue Crack Growth Behavior of Stainless steel 304L  | Benachour Mustapha<br>University of Tlemcen, Algeria   |
|                        | Stresses in Cast Metal Inlays Restored Molars   | Sandu Liliana, Topală Florin, Porojan Sorin<br>V. Babes University of Medicine and Pharmacy, Romania   |
| <b>16:00<br/>16:15</b> | <b>Coffee Break</b>   |  |
| <b>16:15<br/>18:00</b> | <b>Chair : Giovanni Incerti, Markus Reichhartinger</b>  | <b>HALL-A Session – X (November 28, 2011)</b>  |
|                        | A Robust Wheel Slip Controller for a Hybrid Braking System  | Martin Ringdorfer, Martin Horn<br>Klagenfurt University, Austria   |
|                        | Optimization of Inverse Kinematics of a 3R Robotic Manipulator Using Genetic Algorithms   | Jose Ramirez, Astrid Rubiano<br>Universidad Cooperativa de Colombia, Colombia  |
|                        | Hybrid Control of Networked Multi-Vehicle System Considering Limitation of Communication Range  | Toru Murayama, Akinori Nagano, Zhi-Wei Luo<br>Kobe University, Japan   |
|                        | Target Trajectory Design Of Parametrically Excited Inverted Pendulum For Efficient Bipedal Walking  | Toyoyuki Honjo, Takeshi Hayashi, Akinori Nagano, Zhi-Wei Luo<br>Kobe University, Japan   |
|                        | Calibration of Parallel Multi-View Cameras  | M. Ali-Bey, N. Manamanni, S. Moughamir<br>Université de Reims Champagne Ardenne, France  |
|                        | Short Time Identification of Feed Drive Systems Using Nonlinear Least Squares Method  | Nassef Mohamed, Linghan Li, C. Schenck, B. Kuhfuss<br>Bremen Institute for Mechanical Engineering, Germany   |
|                        | CNet Module Design of IMCS  | Youkyung Park<br>Doosan Heavy Industries and Constructions, Republic of Korea  |
|                        | Multiple-Points Fault Signature's Dynamics Modeling for Bearing Defect Frequencies  | Muhammad Farrukh Yaqub, Iqbal Gondal, Joarder Kamruzzaman<br>Monash University, Australia  |
|                        | Envelope-Wavelet Packet Transform for Machine Condition Monitoring  | Muhammad Farrukh Yaqub, Iqbal Gondal, Joarder Kamruzzaman<br>Monash University, Australia  |

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|                        | Path Tracking of Wheeled Mobile Robot with an L2-Norm Optimization  | Yuan-Ping Li, Tsu-Tian Lee<br>Chung-Yuan Christian University, Taiwan  |
|                        | Fault Detection via Stability Analysis for the Hybrid Control Unit of HEVs  | Kyogun Chang, Yoon Bok Lee<br>Agency for Defense Development, Republic of Korea  |
|                        | Control of the thermal evaporation of organic semiconductors via exact linearization  | Martin Steinberger, Martin Horn<br>University Klagenfurt, Austria  |
|                        | Performance analysis of a flexible manufacturing line operated under surplus-based production control                                     | Konstantin Starkov<br>Eindhoven University of Technology, Netherlands  |
|                        | An Improved Optimal Sliding Mode control for Structural Stability   | Leila Fatemi, Morteza Moradi, Azadeh Mansouri<br>University of Tehran, Kish International Campus, Kish, Iran   |
|                        | Robust Position Control of an Electromechanical Actuator for Automotive Applications  | Markus Reichhartinger, Martin Horn<br>Klagenfurt University, Austria   |
|                        | A technique to reduce swing of suspended loads transported by linear actuators  | Giovanni Incerti<br>University of Brescia, Italy   |
| <b>14:00<br/>16:00</b> | <b>Chair : Zornitsa Popova, Virmantas Povilaitis</b>  | <b>HALL-C Session – XI (November 28, 2011)</b>   |
|                        | The effect of earth rotation slowness about its axis on earth climate and ice melting   | Hesham Muhammad Ibrahim<br>Ain Shams University, Egypt   |
|                        | Simulation of Climate Variability for Assessing Impacts on Yield and Genetic Change of Thai Soybean                                       | Kanita Thanacharoenchanaphas, Orose Ragchati<br>Naresuan University, Thailand  |
|                        | Simulation of Increased Ambient Ozone to Estimation In Some Nutrient Contents and Genetic change on Two Thai Soybean Cultivars            | Orose Rugchati, Kanita Thanacharoenchanaphas<br>Naresuan University, Thailand  |
|                        | Local Perspectives On Climate Change Mitigation And Sustainability Of Clean Development Mechanism (CDM) Project: A Case Study In Thailand | S. Kittipongvises, T. Mino, C. Polprasert<br>University of Tokyo, Japan  |
|                        | Modeling Directional Thermal Radiance Anisotropy for Urban Canopy   | Limin Zhao, Xingfa Gu, Tao Yu<br>Institute of Remote Sensing Applications of Chinese Academy of Sciences, China  |
|                        | Analysis of Precipitation and Temperature Trends in Sefid-Roud Basin  | Amir Gandomkar, Tahereh Soltani Gord faramarzi, Parisa Safaripour Chafi, Abdol-Reza Amani<br>Islamic Azad University, Iran   |
|                        | Recursive Filter for Coastal Displacement Estimation  | Efstratios Doukakis, Nikolaos Petrelis<br>National Technical University of Athens, Greece  |
|                        | Precipitation change and its implication in the change of winter wheat drought and production in North China region from 2000 to 2010     | Yan Huang, Qingjiu Tian, Lingtong Du, Jun Liu, Shanshan Li<br>Nanjing University, P.R.China  |
|                        | Impacts of Biofuels on Air Quality: Northern Portugal case study  | Ribeiro I., Tavares A.M., Sá E., Lopes M.<br>University of Aveiro, Portugal  |
|                        | Modeling the global warming effect on the upper limit of water uptake by plants   | Mohammad Hossein Mohammadi<br>University of Zanjan, Iran   |
|                        | Combining Skin Color and Optical Flow for Computer Vision Systems   | Muhammad Raza Ali, Tim Morris<br>University of Manchester, UK  |
|                        | Image Enhancement Using trimmed Mean filters  | Mahdi Shaneh, Arash Golibagh Mahyari<br>Islamic Azad Univeristy, Najafabad branch, Iran  |
|                        | Carbon accumulation in winter wheat under different growing intensity and climate change  | Virmantas Povilaitis, S. Lazauskas, Š. Antanaitis, S. Sakalauskienė, J. Sakalauskaitė, G. Pšibišauskienė, O. Auškalniene, S. Raudonius, P. Duchovskis<br>Institute of Agriculture, Lithuanian Reseach Centre for Agriculture and Forestry, Lithuania |
|                        | Assessing Drought Vulnerability Of Bulgarian Agriculture Through Model Simulations  | Zornitsa Popova, L. S. Pereira, M. Ivanova, P. Alexandrova, K. Doneva, V. Alexandrov and M. Kercheva<br>Institute of soil Science "Nikola Poushkarov", Bulgaria  |
| <b>16:00<br/>16:15</b> | <b>Coffee Break</b>   |  |
| <b>16:15<br/>18:00</b> | <b>Chair : Gholamreza Ghodrati Amiri, Nasrin Jazani</b>   | <b>HALL-C Technical Session – XII (November 28, 2011)</b>  |
|                        | Effect of Moisture Content and Loading Rate on Mechanical Strength of Brown Rice Varieties  | Iraj Bagheri, Mohammad Bagher Dehpour<br>University of Guilan, Iran  |
|                        | Enzymatic hydrolysis of demineralized and concentrated Permeate in milk factory and measurement of produced                               | Simin Asadollahi<br>Varamin- Pishva Branch, Islamic Azad University, Iran  |

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|  | sugars by HPLC   |  |
|  | Evaluation of efficacy of rhizobacteria-based Biofungicides for controlling crop disease agents  | S. Sobhanardakani, A. Heydari, L. Tayebi<br>Hamedan Branch, Islamic Azad University, Iran  |
|  | Fusarium oxysporum against Orobancha aegyptiaca pers   | Ghotbi M., M. Ghotbi, M. Amini Dehaghi, H.R. Rouhi Ghorabaie, A.R. Moghaddam Khamseh, M.Wahsha<br>Shahed University, Iran                              |
|  | Contribution of Vitaton ( $\beta$ - carotene) to the Rearing Factors , 1 Survival Rate and Visual Flesh Color of Rainbow trout fish in comparison with Astaxanthin | Marjan Ghotbi, Mitra Ghotbi, Ghobad Azari Takami<br>Islamic Azad University, Iran  |
|  | Mechanisms of resistance to molybdenum stress in wheat, barley and canola grown in the North West of Karaj   | Farshad Ghooshchi ,Hamid Reza Tohidi Moghadam,Shahram Lack<br>Islamic Azad University, Iran  |
|  | The Effect of Sowing Date and Cultivar on Yield and Yield Components of Maize (Zea mays L.)  | Hamid Abbasdokht, Mehrnaz Abdollahian, Ali Darakhshan Shadmehri<br>Shahrood University of Technology, Iran   |
|  | Mycorrhizal fungi influence on physiological growth index in basil induced by phosphorus fertilizer under irrigation deficit conditions                            | Sayed Alireza Valadabadi, Hossein Aliabadi Farahani<br>Islamic Azad University, Tehran, Iran   |
|  | Evaluation of Azospirillum and Azotobacter effects with nitrogen chemical fertilizer In wheat( Triticum aestivum L. ) farming                                      | Hamid Reza Tohidi-Moghadam, Hassan Salimi, Pourang Kasraie, Abbas Ghanbari Malidarreh<br>Islamic Azad University, Iran                                 |
|  | Effects of Vermicompost and Phosphatic Biofertilizer Application on Yield and Yield Components in Anise (Pimpinella anisum)  | M.T. Darzi, M.R.Hadj Seyed Hadi, F.Rejali, A.Masoumi<br>Islamic Azad University, Roudehen Branch, Roudehen, Iran                                       |
|  | Influence of Biofertilizers on Flower Yield and Essential Oil of Chamomile ( Matricaria chamomile L.)  | M. Haj Seyed Hadi, M. Taghi Darzi , Z. Ghandeharialavijeh, GH. Riaz<br>Islamic Azad University, Roudehen Branch, Iran                                  |
|  | Ability of common flax and tall fescue to grow in crude oil-contaminated soil and their phytoremediation potential   | Hamidreza Khodaei, Ali Daryabeigi Zand<br>Islamic Azad University, Golpayegan Branch, Iran   |
|  | Effect of body size and condition factor on whole body composition of Hybrid (Catla catla ♂x Labeo rohita ♀) From Pakistan   | Muhammad Naeem, Abdus Salam, Asma Salam, Muhammad Asghar Bashir, Abir Ishtiaq, Qurat-ul-Ane Gillani<br>Bahauddin Zakariya University, Multan, Pakistan |
|  | Numerical Simulation of Deoiling Hydrocyclones   | Reza Maddahian, Bijan Farhanieh, Simin Dokht Saemi<br>Sharif University of Technology, School of Mechanical Engineering, Iran                          |
|  | Magnetohydrodynamic Mixed Convective Flow In A Cavity  | R. Yadollahi Farsani, B. Ghasemi<br>Islamic Azad University, Iran  |
|  | Optimization parameters of Q-Law in low-thrust transfer orbit with MATLAB GA   | Asghar Ebrahimi Fayazbakhsh<br>Aerospace Industries Group, Iran  |
|  | Dynamic Aeroelastic Response of Composite Wing in an Incompressible Flow Based on Wagner Function  | Touraj Farsadi, Yashar Ostovan, Pourya Amani<br>Sharif University of Technology, Iran  |
|  | Deoiling hydrocyclones flow field –A comparison between k-epsilon and LES  | Maysam Saidi, Reza Maddahian, Bijan Farhanieh<br>Sharif University of Technology, Iran   |
|  | Effects of Electric Potential on Thermo-mechanical Behavior of Functionally Graded Piezoelectric Hollow Cylinder under Non-axisymmetric Loads                      | Amir Atrian, Javad Jafari Fesharaki, Gh.Hossein Majzoobi, Mahsa Sheidaee<br>Islamic Azad University, Iran  |
|  | A multi-objective model for supply chain network designing under stochastic demand   | F. Alborzi, H. Vafaei, M. Gholami, M.M. S. Esefahani<br>Amirkabir University of Tehran, Iran   |
|  | Using the Combined Model of PROMETHEE and Fuzzy Analytic Network Process for Determining Question Weights in Scientific Exams through Data Mining Approach         | Hassan Haleh, Amin Ghaffari, Parisa Farahpour<br>Islamic Azad University, Iran   |
|  | A combined Model of MCDM and Data Mining for Determining Question Weights in Scientific Exams  | Hassan Haleh, Amin Ghaffari, Parisa Farahpour<br>Islamic Azad University, Iran   |
|  | Energy Optimization for Clustered Heterogeneous Wireless Sensor Network Using Genetic Algorithm  | Mahtab Ali Mohammad Mahalaty<br>Islamic Azad University, Iran  |
|  | An Agent Oriented Architecture to Supply Multilanguage in EPR Systems  | Hassan Haghighi, Seyedeh Zahra Hosseini, Seyedeh Elahe Jalambadani<br>Shahid Beheshti University, Iran   |
|  | Comparative Evaluation of Passive Digital Images Forgery Detection Approaches  | Ahmad Pahlavan Tafti, S. Janosepah, E.Sagheb, H. Alizadeh, E. Shirzadi<br>Islamic Azad University, Iran  |
|  | Mercury Content In Edible Part Of Otolithes Ruber Marketed In Hamedan, Iran  | L. Tayebi, S. SobhanardakaniA. Farmany, M. Cheraghi<br>Hamedan Branch, Islamic Azad University, Iran   |
|  | Intelligent BRT in Tehran  | Peyman Parvizi, Sasan Mohammadi<br>Islamic Azad University – South Tehran Branch, Iran   |



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|                                  | Information security in E-Learning through identification of humans by using multi layer perceptron neural network        | Hassan Haleh, Zohreh Nasiri, Parisa Farahpour<br>Islamic Azad University, Iran  |
|                                  | Experimental parametric investigation of temperature effects on 60W-QCW diode laser                                       | Ehsan Farsad, S. P. Abbasi, A. Goodarzi, M. S. Zabihi<br>Iranian National Center For Laser Science And Technology, Tehran, Iran |
|                                  | E- payment Resistance and refusal; Iranian perspective  | Nasrin Jazani, Maryam Akhavan Kharazian, Yasser Sobhanifard<br>Shahid Beheshti University, Iran                                 |
|                                  | Detection and estimation of damage in bridges based on modal data via a new evolutionary algorithm                        | Abdollah Bagheri, Gholamreza Ghodrati Amiri<br>Iran University of Science and Technology, Iran                                  |
|                                  | Assessing Relationship between Type of Financial Market and Market Indices in Tehran Stock Exchange                       | Zahra Amirhosseini<br>Islamic Azad University, Shahre-Qods Branch, Iran   |
| <b>Tuesday November 29, 2011</b> |   |   |
| <b>09:00<br/>11:00</b>           | <b>Chair : Nicoletta Adamo-Villani, Gruen Oliver</b>  | <b>HALL-A Session – XIII (November 29, 2011)</b>  |
|                                  | Knowledge Management applied to Forensic Sciences   | Norma Rodrigues Gomes<br>Brazilian Federal Police, Brazil   |
|                                  | Electronic Auction Market In Croatia  | Bojan Korizma, Zeljko Panian<br>Faculty of Economics and Business, Croatia  |
|                                  | Multi-Agent Approach for Data Analysis in a Knowledge-based System for Contact Centers                                    | Claudiu Ionut Popirlan, Andy Ștefănescu, Laura Ștefănescu<br>University of Craiova, Romania                                     |
|                                  | WebGD: A CORBA-based Document Classification and Retrieval System on the Web  | Fuyang Peng, Bo Deng, Chao Qi, Mou Zhan<br>Beijing Institute of System Engineering, China                                       |
|                                  | A Petri Net Representation of Web-Service-Based Emergency Management System in Railway Station                            | Suparna Karmakar, Ranjan Dasgupta<br>West Bengal University of Technology, India  |
|                                  | Software for Improving Source Code Quality  | Franco Madou, Martín Agüero, Gabriela Esperón, Daniela López De Luise<br>Universidad de Palermo, Argentina                      |
|                                  | The impact of upgrades on ERP system reliability  | Frane Urem, Kresimir Fertalj, Ivan Livaja<br>Faculty of Electrical Engineering and Computing University of Zagreb, Croatia      |
|                                  | Graph-Based Text Similarity Measurement by Exploiting Wikipedia as Background Knowledge                                   | Lu Zhang, Chunping Li, Jun Liu, Hui Wang<br>Tsinghua University, P.R.China  |
|                                  | An Effective Traffic Control For Both Real-Time Bursts And Reliable Bursts In Obs Networks                                | Yuki Kondo, Takanori Nagano, Yuki Takeda, Young-Bok Choi, Hiromi Okada<br>Tongmyong University, Korea                           |
|                                  | Dissertation by Portfolio – a break from traditional approaches   | Paul Crowther<br>Sheffield Hallam University, United Kingdom  |
|                                  | Instructional design practitioners in Malaysia: Skills and issues   | Irfan Naufal Umar, Yong Su-lyn<br>Universiti Sains Malaysia, Malaysia   |
|                                  | Dynamic Visualization on Student's Performance, Retention and Transfer of Procedural Learning                             | Fauzy Wan, Reem Baragash<br>Universiti Sains Malaysia, Malaysia   |
|                                  | Appreciating, Interpreting and Understanding Posters via Levels of Visual Literacy  | Mona Masood, Zakiah Zain<br>Universiti Sains Malaysia, Malaysia   |
|                                  | Offline Handwritten Signature Recognition   | Gulzar Khuwaja, Mohammad Laghari<br>King Faisal University, Saudi Arabia  |
|                                  | Requirements Management as a competitive factor in the IT mid tier business concerning the Implementation of ERP-Software | Oliver Gruen<br>GRÜN Software AG, Germany   |
|                                  | The Effect of Ambient Occlusion Shading on Perception of Sign Language Animations   | N. Adamo-Villani, T. Jen, J. Kasenga, B. Colbourn<br>Purdue University, USA   |
| <b>11:00<br/>11:15</b>           | <b>Coffee Break</b>   |   |
| <b>11:15<br/>13:00</b>           | <b>Chair : Masaki Ito</b>   | <b>HALL-A Session – XIV (November 29, 2011)</b>   |
|                                  | System-Level Energy Estimation for SoC based on the Dynamic Behavior of Embedded Software                                 | Yoshifumi Sakamoto, Kouichi Ono, Takeo Nakada, Yousuke Kubo, Hiroto Yasuura<br>Kyushu University, Japan                         |
|                                  | Development of Optimized User Interface of Public Transit Navigator for a Smartphone                                      | Masahiro Taketa, Masaki Ito, Takao Kawamura, Kazunori Sugahara<br>Tottori University, Japan                                     |

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|                        | Take Me to the Bus Stop: AR Based Assistance System for Public Transit Users  | Naoki Kanatani, Masaki Ito, Takao Kawamura, Kazunori Sugahara<br>Tottori University, Japan   |
|                        | Multifunctional Electrical Outlet based on Mobile Ad Hoc Network  | Toshihiko Sasama, Takao Kawamura, Kazunori Sugahara<br>Tottori University, Japan   |
|                        | Providing On-Demand Path and Arrival Time Information Considering Realtime Delays of Buses  | Yoshifumi Ishizaki, Naoki Kanatani, Masaki Ito, Toshihiko Sasama, Takao Kawamura, Kazunori Sugahara<br>Tottori University, Japan   |
|                        | A Collaborative Framework for Visual Modeling on Web 2.0  | Song Meng<br>ACT of Beihang University, China  |
|                        | Challenges to Enable Quick Start of an Environmental Monitoring with Wireless Sensor Network Technology   | Masaki Ito, Hideyuki Tokuda, Takao Kawamura, Kazunori Sugahara<br>Tottori University, Japan  |
| <b>13:00</b>           | <b>Lunch Break</b>  |  |
| <b>09:00<br/>11:00</b> | <b>Chair : Michiharu Maeda</b>  | <b>HALL-C Session – XV (November 29, 2011)</b>   |
|                        | Design and Implementation of an Early Warning System Landslide Area For Bella Flor in the framework of the Community Wireless Network in Ciudad Bolivar | Katherine Galeano, Luis Pedraza, Juan Carlos Guevara<br>Universidad Distrital Francisco Jose de Caldas, Colombia   |
|                        | An Improved Lattice Reduction Aided Detection Scheme for MIMO-OFDM System   | Jang-Kyun Ahn, Seung-Jun Yu, Eui-Young Lee, Hyoung-Kyu Song<br>Sejong University, South Korea  |
|                        | Cooperative Communication for Low Power Consumption in IEEE 802.15.4g   | Jung-In Baik, Hyoung-Kyu Song<br>Sejong University, South Korea  |
|                        | An Improved STBC Structure and Transmission Scheme for High Rate and Reliability in OFDMA Cooperative Communication                                     | Hyoung-Muk Lim, Won-Jun Choi, Jae-Seon Yoon, Hyoung-Kyu Song<br>Sejong University, South Korea   |
|                        | A Novel Transmission Scheme For Reliable Cooperative Communication  | Won-Jun Choi, Seung-Jun Yu, Jung-In Baik, Hyoung-Kyu Song<br>Sejong University, South Korea  |
|                        | Tracking Control of a Linear Parabolic PDE with In-domain Point Actuators   | Guchuan Zhu, G. Zhu<br>Ecole Polytechnique de Montréal, Canada   |
|                        | On Developing an Automatic Speech Recognition System for Standard Arabic Language   | Rim Walha, Fadoua Drira, Haikal El-Abed, Adel M. Alimi<br>National School of Engineers of Sfax, Tunisia  |
|                        | A Multimodal Approach for Biometric Authentication with Multiple Classifiers  | Sorin Soviany, Cristina Soviany, Mariana Jurian<br>National Communications Research Institute, Romania   |
|                        | Particle Swarm Optimization with Reduction for Global Optimization Problems   | Michiharu Maeda, Shinya Tsuda<br>Fukuoka Institute of Technology, Japan  |
| <b>11:00<br/>11:15</b> | <b>Coffee Break</b>   |  |
| <b>11:15<br/>13:00</b> | <b>Chair : Antonino Nespola</b>   | <b>HALL-C Session – XVI (November 29, 2011)</b>  |
|                        | Mas Simulations Of Optical Antenna Structures   | Kakhaber Tavzarashvili, Giorgi Ghvedashvili<br>University of Georgia, Georgia  |
|                        | The role of Ga to improve AlN-nucleation layer for Al <sub>0.1</sub> Ga <sub>0.9</sub> N/Si(111)  | Phanee Saengkaew, Armin Dadgar, Juergen Blaesing, Thomas Hempel, Sakuntam Sanorpim, Chanchana Thanachayanont, Visittapong Yordsri, Watcharee Rattanasakulthong, Alois Krost<br>King Mongkut's University of Technology North Bangkok, Thailand |
|                        | Quantum Mechanics And Nanoelectronics   | Thomas Prevenslik<br>Qed Radiations, Hong Kong, China  |
|                        | Physical Parameters For Reliability Evaluation  | Tazibt Wahiba<br>University A.Mira of Bejaia, Algeria  |
|                        | Comparison of electrical properties of thin calcium titanate high-k insulators on RuO <sub>2</sub> , Pt and C electrodes                                | Andreas Krause<br>Namlab, Germany  |
|                        | Energy Efficient Multiplier using Single Electron Transistor  | Rathnakannan.K, Vanaja Ranjan.P, Ponpriya.B<br>Anna University Chennai, India  |
|                        | Two different solutions for Gigabit Ethernet transmission over POF  | Straullu, Abrate, Nespola, Savio, Gaudino, Zeolla, Curri, Bosco, Cigliutti, Capriata, Solina<br>ISMB, Italy  |
| <b>13:00<br/>14:00</b> | <b>Chair : Antonino Nespola</b>   | <b>HALL-C Session – XVII (November 29, 2011)</b>   |
|                        | Facile Synthesis of Vertically Aligned ZnO Nanowires on Carbon Layer by Vapour Deposition   | Kh. A. Abdullin, N. B. Bakranov, S. E. Kudaibergenov, S.E. Kumekov, V. N. Ermolaev, L. V. Podrezova  |

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|                        |  | Kazakh National Technical University named after K.I. Satpaev, Kazakhstan   |
|                        | One scheme of transition probability evaluation  | Alexander B. Bichkov, Alla A. Mityureva, Valery V. Smirnov<br>Saint Petersburg State University, Russia   |
|                        | Electron-impact excitation of Kr 5s, 5p levels   | Alla A. Mityureva<br>Saint Petersburg State University, Russia  |
|                        | Simulating Harmonic, Time Varying Scalar and Vector Functions  | Ammara Khurshid, Madiha Mukhtar, Saba Sallah-ud-din, Farhan Hassan Malik, Abdur Rehman Chishti<br>The Islamia University of Bahawalpur, Pakistan  |
|                        | Gesture Recognition by Data Fusion of Time-of-Flight and Color Cameras   | Piecarlo Dondi, Luca Lombardi, Marco Porta<br>University of Pavia, Italy  |
|                        | A 3D Approach for Extraction of the Coronary artery and Quantification of the Stenosis   | Mahdi Mazinani, S. D. Qanadli, Rahil Hosseini, Tim Ellis, Jamshid Dehmeshki<br>Kingston University, UK  |
|                        | Reducing Variation of Dyeing Process in Textile Manufacturing Industry   | Mithat Zeydan, Gülhan Toğa<br>Erciyes University, Turkey  |
|                        | Coherent PON for NG-PON2: 40Gbps Downstream Transmission with 40dB Power Margin using Commercial DFB Lasers and no Optical Amplification                   | Straullu, Abrate, Nespola, Savio, Gaudino, Zeolla, Curri, Bosco, Cigliutti, Capriata, Solina<br>ISMB, Italy   |
| <b>14:00</b>           | <b>Lunch Break</b>   |   |
|                        | <b>Tuesday November 29, 2011</b>   |   |
| <b>09:00<br/>11:00</b> | <b>Chair : Sandu Liliana</b>   | <b>HALL-B Session – XVIII (November 29, 2011)</b>   |
|                        | Odor Discrimination Using Neural Decoding of Olfactory Bulbs in Rats   | K.-J.You, H.J.Lee, Y.Lang, C.Im,C.S.Koh\$, H.-C.Shin, H.-C.Shin Soongsil<br>Soongsil University., South Korea   |
|                        | Bio-territories, Evolution and Complexity Sciences   | Iliana Hernandez-Garcia<br>Pontificia Universidad Javeriana, Colombia   |
|                        | Evaluation Of Some Chemical Parameters As Potential Determinants Of Fresh Water Snails With Special Reference To Medically Important Snails In Egypt       | Nahed Mohamed Ismail, Nahed Mohamed Mohamed Ismail, H.M. El-Khayat, N.M. Ismail, K.M. Mahmoud, F.M. Ragb, K.M. El-Said, B. B. Mostafa, F. A. El-Deeb, A.A. Tantawy<br>Theodor Bilharz Research Institute, Egypt   |
|                        | Animal-Assisted Therapy for Persons with Disabilities Based on Canine Tail Language Interpretation via Gaussian-Trapezoidal Fuzzy Emotional Behavior Model | W. Phanwanich, O. Kumdee, P. Ritthipravit, Y. Wongsawat<br>Mahidol University, Thailand   |
|                        | Differentiation of Cancerous Prostate tissue from Non-Cancerous Prostate tissue by Using Elastic Light Single-Scattering Spectroscopy: a feasibility study | Tuba Denkçeken, M. Canpolat, İ. Başsorgun, S. Yücel, M.A. Çiftçioğlu, M. Baykara<br>Akdeniz University, Turkey  |
|                        | A preliminary x-ray study on human-hair microstructures for a health-state indicator   | Phanee Saengkaew, Weerasak Ussawawongaraya, Sasiphan Khaweerat, Supagorn Rugmai, Sirisart Ouajai, Jiraporn Luengviriyi, Sakuntam Sanorpim, Manop Titarattanasompot, Somboon Rhiaphumikarakit<br>King Mongkut's University of Technology North Bangkok, Thailand |
|                        | The effectiveness of mineral fertilization of winter wheat by nitrogen in the soil and climatic conditions in the CR                                       | Václav Voltr, Jan Leština<br>Institute of Agricultural Economics and Information, Czech Republic  |
|                        | Comparison of alternative models to predict lean meat percentage of lamb carcasses   | Vasco Augusto Pilão Cadavez, Fernando coutinho Monteiro<br>Mountain Research Centre (CIMO), IPB – Escola Superior Agrária, Portugal   |
|                        | Assessment of Photodynamic Therapy for Staphylococcus Aureus Infected Wounds Using Diffuse Reflectance Spectrometry  | M.A. Calin, D. Voicu, M.R. Calin, D. Savastru, D. Manea<br>National Institute of Research and Development for Optoelectronics, Romania  |
|                        | Analysis of Reflectance Photoplethysmograph Sensors  | Fu-Hsuan Huang, Po-Jung Yuan, Kang-Ping Lin, Hen-Hong Chang, Cheng-Lun Tsai<br>Chung-Yuan Christian University, Taiwan  |
|                        | Shape Restoration of the Left Ventricle  | Yi Su, May-Ling Tan, Chi-Wan Lim, Liang Zhong, Ru-San Tan<br>Institute of High Performance Computing, Singapore   |
|                        | Laser Welded Ni-Cr Dental Alloys Inspection  | Porojan Sorin, Sandu Liliana, Topală Florin<br>V. Babes University of Medicine and Pharmacy, Romania  |
| <b>11:00<br/>11:15</b> | <b>Coffee Break</b>  |   |
| <b>11:15<br/>13:00</b> | <b>Chair : Bismita Nayak</b>   | <b>HALL-B Session – XIX (November 29, 2011)</b>   |

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|                        | On the Verification of Power Nap Associated with Stage 2 Sleep and Its Application   | Jetsada Arnin, Yodchanan Wongsawat<br>Mahidol University, Thailand  |
|                        | Supplementation of <i>Saccharomyces cerevisiae</i> or <i>Lactobacillus acidophilus</i> in Goats Diets  | Pramote Paengkoum, Y. Han, S. Traiyakun, J. Khotsakdee, S. Paengkoum<br>Suranaree University of Technology, Thailand  |
|                        | Processing and Assessment of Quality Characteristics of Composite Baby Foods   | Reihaneh Ahmadzadeh Ghavidel, Mehdi Ghiafeh Davoodi<br>Islamic Azad University, Quchan Branch, Iran   |
|                        | Thermal Control of Stored Grains Insects by Utilizing Solar Energy   | Ali M. S. Al-Amri<br>King Faisal University, Saudi Arabia   |
|                        | Ethanol production from sugarcane bagasse by means of enzymes produced by solid state fermentation   | Nasim Shaibani, Saba Ghazvini, Mohammad Reza Andalibi, Soheila Yaghmaei<br>Sharif University of Technology, Iran  |
|                        | Phytotoxicity Of <i>Daphne Gnidium L.</i> Occurring In Tunisia   | Afef Ladhari<br>Faculty Sciences of Bizerte, University of Carthage, Tunisia  |
|                        | Characterization of the O.ul-mS952 intron: a potential molecular marker to distinguish between <i>Ophiostoma ulmi</i> and <i>Ophiostoma novo-ulmi</i> subsp. Americana | Mohamed Hafez Abdel-Fattah, Georg Hausner<br>University of Manitoba, Canada   |
|                        | Optic Disc Detection by Earth Mover's Distance Template Matching   | Fernando C. Monteiro, Vasco Cadavez<br>Polytechnic Institute of Braganca, Portugal  |
|                        | Antioxidant Properties of Sweet Cherries ( <i>Prunus avium L.</i> ) – Role of Phenolic Compounds   | Dejan Prvulović, Djordje Malenčić, Milan Popović, Mirjana Ljubojević, Vladislav Ognjanov<br>Department of Field and Vegetable Crops, Faculty of Agriculture, University of Novi Sad, Serbia |
|                        | Low temperature synthesis of ultrafine platelike alumina particles   | Fatemeh Mirjalili, Luqman Chuah, Roya Aghababazadeh, Hasmaliza Mohamad<br>Islamic Azad University Maybod Branch, Iran   |
|                        | Identification of PIP Aquaporin Genes from Wheat   | Shatha Ayed Yousif, Mrinal Bhawe<br>Ministry of Science and Technology, Iraq  |
|                        | Formulation and characterization of Chitosan coated PLA/PLGA encapsulated microparticles for vaccine development   | B. Nayak, P.R. Routa, A. K. Panda, A. R. Ray<br>National Institute of technology Rourkela, India  |
| <b>13:00<br/>14:30</b> | <b>Chair : J. Vega</b>   | <b>HALL-B Session – XX (November 29, 2011)</b>  |
|                        | Determining Factors For ISO14001 EMS Implementation Among SME's In Malaysia: A Resource Based View   | Goh Yen Nee<br>Universiti Sains Malaysia, Malaysia  |
|                        | Measurement of rainwater chemical composition in Malaysia based on ion chromatography method   | S.H. Khoon, G.I. Issabayeva, L.W. Lee<br>Universiti Tunku Abdul Rahman, Malaysia  |
|                        | Challenges of Sustainable Construction in Kuwait: Investigating level of Awareness of Kuwait Stakeholders  | Shaikha AlSanad, Andrew Gale, Rodger Edwards<br>University of Manchester, United Kingdom  |
|                        | Phosphorus dynamics in reclaimed lignite mine soils under <i>Robinia pseudoacacia L.</i> of different ages in northeast Germany  | A.Slazak, D.Freese<br>Brandenburg University of Technology, Germany   |
|                        | Evaluating the Australian Defence Force Environmental Awareness Training at Shoalwater Bay Training Area, Queensland, Australia  | Wen Wu, Xiao Hua Wang, David Paull<br>University of New South Wales at the Australian Defence Force Academy, Australia  |
|                        | Investigating Ultra Violet (UV) Strength against Different Level of Altitude using New Environmental Data Management System  | Mohd Amir Abas<br>Universiti Kuala Lumpur British Malaysian Institute, Malaysia   |
|                        | Investigating Daylight Quality in Malaysian Government Office Buildings Through Daylight Factor and Surface Luminance  | Mohd Zin Kandar, Mohd Sabere Sulaiman, Yong Razidah Rashid, Dilshan Remaz Ossen, Aminatuzuhariah M Abdullah, Lim Yaik Wah, Mansour Nikpour<br>Universiti Teknologi Malaysia, Malaysia       |
|                        | Survey of Surface Reflectance, Work Plane Illuminance Level And Uniformity in Malaysian Government Office Buildings  | Mohd Zin Kandar, Yong Razidah Rashid, Dilshan Remaz Ossen, Hamdan Ahmad, Lim Yaik Wah, Mansour Nikpour<br>Universiti Teknologi Malaysia, Malaysia   |
|                        | Investigating The Effectiveness of Iranian Garden Characteristics on Sustainable Space Creation in Hot and Arid Regions  | Mansour Nikpour, Mohsen Ghasemi, Elahe Mosavi, Mohd Zin Kandar<br>Universiti Teknologi Malaysia, Iran   |
|                        | Survey of the effects of phosphate fertilizer application on the heavy metal content in agricultural soils under sugar beet cultivation                                | Bahareh Lorestani, Mehrdad Cheraghi, Sajad Astani<br>Islamic Azad University-Hamedan Branch, Iran   |
|                        | High level contamination of cadmium in potato field due to overuse of phosphate fertilizers  | Mehrdad Cheraghi, Bahareh Lorestani<br>Islamic Azad University, Hamedan Branch, Iran  |
|                        | Dynamic response of wind turbines to theoretical 3D seismic motions taking into account the rotational component   | L. Hermanns, M.A. Santoyo, L. E. Quirós, J. Vega, J. M. Gaspar-Escribano, B. Benito<br>Universidad Politécnica de Madrid, Spain   |

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| <b>14:30</b>           | <b>Lunch Break</b>  |   |
|                        | <b>Wednesday November 30, 2011</b>  |   |
| <b>09:00<br/>11:00</b> | <b>Chair : Abdallah Al-Shammari</b>   | <b>HALL-A Session – XXI (November 30, 2011)</b>   |
|                        | Effect Of Humic Acid On Physical And Engineering Properties Of Lime-Treated Organic Clay  | Nor Zurairahetty Mohd Yunus<br>University of Nottingham, United Kingdom   |
|                        | Multi-Functional Insect Cuticles: Informative Designs for Man-Made Surfaces   | Hsuan-Ming S Hu, Jolanta A Watson, Bronwen W Cribb, Gregory S Watson<br>James Cook University, Australia  |
|                        | Biodegradation Of Poly (Trimethylene Phthalate) Synthesized From A Biomaterial  | Chizoba May Obele<br>Nnamdi Azikiwe University, Nigeria   |
|                        | Optical Analysis of Variable Aperture Mechanism for a Solar Reactor   | Akanksha Menon, Nesrin Ozalp<br>Texas A&M University at Qatar, Qatar  |
|                        | Catalytic Effect of Fluka 05120 on Methane Decomposition  | Vidyasagar Shilapuram, Anam Waheed, Nesrin Ozalp<br>Texas A&M University at Qatar, Qatar  |
|                        | Contact Drying Simulation of Particulate Materials: A Comprehensive Approach  | Marco Intelvi, Apolinar Picado, Joaquin Martinez<br>University of Padua, Italy  |
|                        | CFD Simulations to Validate Two & Three Phase Up-flow in Bubble Columns   | Shyam Kumar, Nannuri Srinivasulu, Ashok Khanna<br>Indian Institute of Technology Kanpur, India  |
|                        | Investigation of Gas Phase Composition During Carbon Nanotube Production  | Savaş Yağlıkçı, Burça Salgara, Furkan Soysal, Burhanettin Çiçek<br>Ankara University, Turkey  |
|                        | Investigating the Effect of Uncertainty on a LP Model of a Petrochemical Complex: Stability Analysis Approach                           | Abdallah Al-Shammari<br>King Fahd University of Petroleum and Minerals, Saudi Arabia  |
| <b>11:00<br/>11:15</b> | <b>Coffee Break</b>   |   |
| <b>11:15<br/>13:00</b> | <b>Chair : Chu Mingfu</b>   | <b>HALL-A Session – XXII (November 30, 2011)</b>  |
|                        | Investigation of the Synthesis of Alcohols Byproducts in Fischer-Tropsch Synthesis on Modified Fe-Cu Catalyst: Reactivity and Mechanism | Wanyu Mao, Qiwen Sun, Weiyong Ying, Dingye Fang<br>East China University of Science and Technology, China   |
|                        | Intrinsic Kinetics of Methanol Dehydration over Al <sub>2</sub> O <sub>3</sub> Catalyst   | Liang Zhang, Hai-tao Zhang, Wei-Yong Ying, Ding-ye Fang<br>East China University of Science and Technology, China   |
|                        | Effects of Li <sub>2</sub> O thickness and moisture content on LiH hydrolysis kinetics in slightly humidified argon                     | Xiao Sa, Shuai Maobing, Chu Mingfu<br>China Academy of Engineering Physics, China   |
|                        | Hydrolysis Characteristics of Polycrystalline Lithium Hydride Powders and Sintered Bulk   | M. B. Shuai, S. Xiao, Q. S. Li, M. F. Chu, X. F. Yang<br>China Academy of Engineering Physics, China  |
|                        | La promoted Ni/a-Al <sub>2</sub> O <sub>3</sub> catalysts for syngas methanation  | Anmin Zhao, Weiyong Ying, Haitao Zhang, Hongfang Ma, Dingye Fang<br>East China University of Science and Technology, China                                      |
|                        | Study on Cross-flow Heat Transfer in Fixed Bed  | Hongfang Ma, Hai-tao Zhang, Wei-yong Ying, Ding-ye Fang<br>State Key Laboratory of Chemical Engineering, East China University of Science and Technology, China |
|                        | An Exact MCNP Modeling Of Pebble Bed Reactors   | Naser Vosoughi, Mohammad Bagher Ghofrani, Amin Abedi<br>Sharif University of Technology, Iran   |
|                        | Influence of Axial Magnetic Field on the Electrical Breakdown and Secondary Electron Emission in Plane-Parallel Plasma Discharge        | Sabah I Wais, Raghad Y. Mahammed, Sedki O. Yousif<br>University of Dohuk, Kurdistan, Iraq   |
|                        | Modeling and Control of Direct Driven PMSG for Ultra Large Wind Turbines  | Ahmed Mohammed Abdelmoneam Hemeida<br>Cairo University, Faculty of Engineering, , Egypt   |
|                        | Outgassing mechanism of conserved lithium hydride and a passivating method by CO <sub>2</sub>   | Chu Mingfu, Xiao Sa, Shuai Mao-bing<br>China Academy of Engineering Physics, China  |
| <b>13:00</b>           | <b>Lunch Break</b>  |   |
|                        | <b>Wednesday November 30, 2011</b>  |   |
| <b>09:00<br/>11:00</b> | <b>Chair : Yoshikazu Araki, Krzysztof Stypula</b>   | <b>HALL-B Session – XXIII (November 30, 2011)</b>   |

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|------------------------|---|---|
|                        | Analytical Prediction of Seismic Response of Steel Frames with Superelastic Shape Memory Alloy                                    | Mohamed Omar Mohamed Hussein<br>Aswan Faculty of Engineering, Egypt   |
|                        | Variation of Electromagnetic Waves, Electric Field and Magnetic Field in F region due to Earthquake                               | Subhasis Kesh, Rohan Trivedi, Anshuman Agrawal, Shruti Goel, Kajal Dogra<br>University of Petroleum and Energy Studies, India               |
|                        | Multi-objective Optimization for Performance-based Seismic Retrofit Using Connection Upgrade                                      | Dong-Chul Lee, Byung-Kwan Oh, Se-Woon Choi, Hyo-Sun Park<br>Yonsei University, Korea  |
|                        | Large-dimensional Shells under Mining Tremors from Various Mining Regions in Poland   | Joanna Dulinska, Maria Fabijanska<br>Cracow University of Technology, Poland  |
|                        | Flexural Strength and Ductility Improvement of NSC beams  | Jun Peng, Johnny Ching Ming Ho<br>The University of Hong Kong, Hong Kong, China   |
|                        | Lateral Behavior Of Concrete  | Ali Khajeh Samani, Mario M. Attard<br>University of New South Wales, Australia  |
|                        | Probabilistic characteristics of older PR frames in the Mid-America earthquake region   | Do-Hwan Kim, Roberto Leon<br>Research Institute of Industrial Science and Technology, South Korea   |
|                        | Review on Earthquake and Tsunami Hazards of Indonesia   | Ching Mou Yang<br>Mannings (Asia) Consultants Ltd, Hong Kong  |
|                        | Consideration of Criteria of Vibration Comfort of People in Diagnosis and Design of Buildings                                     | Kawecki J., Kowalska-Koczwara A., Stypula Krzysztof<br>Cracow University of Technology, Poland  |
|                        | Dynamic Instability in High-Rise SMRFs Subjected to Long-Period Ground Motions  | Y. Araki, M. Kim, S. Okayama, K.Ikago, K. Uetani<br>Kyoto University, Japan   |
| <b>11:00<br/>11:15</b> | <b>Coffee Break</b>   |   |
| <b>11:15<br/>13:00</b> | <b>Chair : Nouredine Bourahla</b>   | <b>HALL-B Session – XXIV (November 30, 2011)</b>  |
|                        | Modeling Of Pz In Haunch Connections Systems  | Roohollah Ahmady Jazany, Mahmood Reza Mehran, Pouya Shadmanheidari, Mohammad Khorasani<br>East Tehran Branch, Islamic Azad University, Iran |
|                        | Investigating The Capacity Of Ultimate Torsion Of Concrete Prismatic Beams With Transverse Spiral Bars                            | Hadi Barghlame, M. A. Lotfollahi-Yaghin<br>Islamic Azad University, Ilkhchi Branch, Iran  |
|                        | Building design to save lives when Earthquake may strike the city   | Tejinder Singh<br>Infosys, India  |
|                        | Genetic Algorithm Based Optimization approach for MR Dampers Fuzzy Modeling   | Behnam Mehrkian, Arash Bahar, Ali Chaibakhsh<br>University of Guilan, Iran  |
|                        | Integration and Selectivity in Open Innovation: An Empirical Analysis in SMEs   | Chiara Verbano, Maria Crema, Karen Venturini<br>University of Padova, Italy   |
|                        | The Seismic Performance of BRBFs in the case of Eccentric Braced Frames & comparing it with OEBFs using nonlinear pushover method | Elnaz Talebi, Farshad Zahmatkesh<br>Kish Free Zone Organization, Iran   |
|                        | Uniform Distribution of Ductility Demand in Irregular Bridges Using Shape Memory Alloy  | S.M. Ghodrati, M. Ghassemieh, M. Khanmohammadi<br>University of Tehran, School of Civil Engineering, Iran                                   |
|                        | Response spectrum transformation for seismic qualification testing  | N. Bourahla, F. Bouriche, Y. Benghalia<br>University Saad Dahlab Blida, Algeria   |
| <b>13:00</b>           | <b>Lunch Break</b>  |   |
| <b>10:00<br/>12:00</b> | <b>Chair : N. Hedayat</b>   | <b>HALL – A – B Session – XXV (November 28-29-30, 2011)</b>   |
|                        | Analysis of Internal and External Strategic Cooperative of Poultry  | Seyed Mohammad Reza Akbari, Seyed Badiollahe Mousavi<br>Islamic Azad University of Marvdasht Branch, Iran                                   |
|                        | Improving water productivity of chickpea (Cicer arietinum) by the use of deficit irrigation with treated domestic wastewater      | Abdelaziz Hirich, Choukr-Allah Redouane, Jacobsen Sven-Erik, El Youssef Lahcen<br>Agronomic and Veterinary Hassan II Institute, Morocco     |
|                        | Automatic Recognition Of An Unknown And Time-Varying Number Of Simultaneous Environmental Sound Sources                           | Stavros Ntalampiras, Potamitis Ilyas<br>Department of Music Technology & Acoustics, TEIC, Greece  |
|                        | Air Deodorization In Rendering Plants By Two Stage Filtration With The Use Of Fibrous Ion Exchangers                              | Henryk Wasag, Lucjan Pawlowski<br>Lublin University of Technology, Poland   |
|                        | Relation between Environmental Accounting and Pillars of Sustainability   | Piroska Harazin, György Ádám Horváth<br>Budapest University of Technology and Economics, Hungary  |

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|  | Restoration of Biological Function of Degraded Soil via Chemical Method  | Mariola Chomczynska<br>Lublin University of Technology, Poland  |
|  | A Mathematical Model For Artificial Generating Of Hrv Based On Ipfm With Random Threshold  | Gholamreza Attarodi, Nader Jafarnia Dabanloo, Seyedeh Naghmeh Miri Ashtiyani, Yousef Jafarnia Dabanloo<br>Islamic Azad University, Iran   |
|  | Making Ends Meet: The Challenges of Investing In And Accounting For Sustainability   | György Ádám Horváth, Piroska Harazin<br>Budapest University of Technology and Economics, Hungary  |
|  | Internal Surface Measurement of Nanoparticle with Polarization-interferometric Nonlinear Confocal Microscope   | Chikara Egami, Kazuhiro Kuwahara<br>Shizuoka University, Japan  |
|  | Lorentz forces in the Container  | Katerina Horakova, Karel Frana<br>Technical University of Liberec, Czech Republic   |
|  | Simulation Study on the Thin-walled Tube Structure of a Vehicle Simulator Crash Testing Equipment  | Xu Zhang, Qi Jiang, Liwei Li, Weiwei Cui, Jijun Cui, Yang Cao, Hairong Zhao<br>Harbin Engineering University, China   |
|  | Evaluation of Optimal Residence Time in a Hot Rolled Reheating Furnace   | Dong Eun Lee<br>POSCO, Korea  |
|  | The influence of the fin set-up to the cooling output of the floor heating convector   | Frantisek Lemfeld, Karel Frana<br>Technical University of Liberec, Czech Republic   |
|  | Assessment of climate policy and sustainability in Hungary   | Gabor Szendro, Maria Csete<br>Budapest University of Technology and Economics, Hungary  |
|  | The recession as an opportunity for curbing transport emissions  | Gabor Szendro<br>Budapest University of Technology and Economics, Hungary   |
|  | A previously underappreciated impact on global warming caused by the geometrical and physical properties of desert sand  | Yongfeng Yang Yang, Baitian Wang, Jinjun Fan, Jian Yin<br>Bureau of Water Resources of Shandong Province, China   |
|  | The Response Relation between Climate Change and NDVI over the Qinghai-Tibet plateau   | Weishou Shen, Shou-Guang Yan<br>Nanjing Institute of Environmental Sciences, Ministry of Environmental Protection, China  |
|  | Pilot-scale Study of Horizontal Anaerobic Digester for Biogas Production Using Food Waste  | Yongsei Lee, Hyunsu Park, Youngseob Yu, Heechan Yoo, Sungin Yoo<br>Daewoo Institute of Construction Technology, Republic of Korea   |
|  | Investigation of Potential Carbon Sequestration in Central Alborz's Rangelands (Iran) (Case Study: Kabodno and Peymalat Rangelands in Watershed Baladeh of Nour City, Mazandaran Province) | Meysam Alizadeh, Mohammad Hasan Jouri, Keyvan Fallah<br>Islamic Azade University, Iran  |
|  | Design of a Grid for Preparation of high Density Granules from Dispersed Materials   | Bogdan Bogdanov, Dimitar R.Rusev, Yancho H. Hristov, Irena G. Markovska, Dimitar P.Georgiev<br>"Prof. Dr. Assen Zlatarov" University, Bulgaria  |
|  | Distributor Plate Desing And A System For Collection Of Granules In A Device With A Vortex Fluidized Bed   | Bogdan Bogdanov, Dimitar R.Rusev, Yancho H. Hristov, Irena G. Markovska, Dimitar P.Georgiev<br>University "Assen Zlatarov", Bourgas, Bulgaria   |
|  | A Kinetic Study on the Adsorption of Cd(II) and Zn(II) Ions from Aqueous Solutions on Zeolite NaA  | Dimitar Georgiev, Bogdan Bogdanov, Irena Markovska, Yancho Hristov, Dencho Stanev<br>Assen Zlatarov University, Bulgaria  |
|  | Design of laboratory pilot reactor for filtering and separation of water – oil emulsions   | Yancho Hristov, Irena Markovska<br>Assen Zlatarov University, Bulgaria  |
|  | Construction of a cDNA library and analysis of Expressed Sequence Tags (ESTs) from Tenebrio molitor larvae   | Ji Eun Jeong, Se Won Kang, Hee-Ju Hwang, Sung-Hwa Chae, Sang-Haeng Choi, Hong-Seog Park, Yeon Soo Han, Bok-Leul Lee, Dae-Hyun Seog and Yong Seok Lee<br>Department of Biochemistry, College of Medicine, Inje University, Korea |
|  | Tolerance Of Different Macroinvertebrates To Microelements In Some Water Courses   | Nahed Mohamed Mohamed Ismail, H.M. El-Khayat, K.M. Mahmoud , H. M. Abu Taleb, N.M. Ismail, B. B. Mostafa, F. A. El-Deeb, A.A. Tantawy, F.M. Ragb, K.M. El-Said<br>Theodor Bilharz Research Institute (TBRI), Egypt              |
|  | Grocery Customer Behavior Analysis using RFID-based Shopping Paths Data  | In-Chul Jung, Young S. Kwon<br>Dongguk, Korea   |
|  | Ultrasound-assisted Pd activation process for electroless silver plating   | Chang-Myeon Lee, Min-Hyung Lee, Jin-Young Hur, Ho-Nyun Lee and Hong-Kee Lee<br>Korea Institute of Industrial Technology, Republic of Korea  |
|  | Concepts Extraction from Discharge Notes Using Association Rule Mining   | Basak Oguz Yolcular<br>Akdeniz University, Turkey   |
|  | The effects of some essential oils on ruminal fermentation in Baloochi lambs   | Alireza Vakili, Ahmad Khalesizadeh, Mohsen Danesh Mesgaran, Reza Valizadeh and Aliakbar Hodjatpanah-Montazeri<br>Ferdowsi University of Mashhad, Iran   |
|  | Parkinson's Disease Recognition Using Artificial Immune System   | Khellat Kihel Badra<br>Usto Algeria   |

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|  | Application of Cauchy's integrals on Elasticity problem   | Ali Nikkar, K. Rashedi, M. Montazer, S. Riaziesfahani, F. Mirabi<br>Department of Civil Engineering, Shomal University, Iran                                |
|  | A Novel Tracking Method Using Filtering and Geometry  | Sang Hoon Lee, Jong Sue Bae, Taewan Kim, Jin Mo Song, Jong Ju Kim<br>Hanwha Corporation R&D Center, South Korea   |
|  | Dispersed Error Control based on Error Filter Design for Improving Halftone Image Quality   | Sang-Chul Kim, Sung-II Chien<br>Kyungpook National University, South Korea  |
|  | Preparation of ATO Conductive Particles with Narrow Size Distribution   | Yueying Wu, Fengzhu Lv, Yihe Zhang, Zixian Xu<br>China Univeristy of Geosciences(Beijing), China  |
|  | Improved Posterized Color Images based on Color Quantization and Contrast Enhancement   | Oh-Yeol Kwon, Sung-II Chien<br>Kyungpook National University, Korea   |
|  | Polyaromatic Hydrocarbons Determination in Wastewater Using Liquid Chromatography with a new Bonded mesogenic Stationary Phase                    | Guermouche Moulay-Hassane<br>USTHB, Algeria   |
|  | Study on Radio Link Availability in Millimeter Wave Range   | Boncho G. Bonev, Kliment N. Angelov, Emil S. Altimirski<br>Technical University of Sofia, Bulgaria  |
|  | Spiral cuff for fiber-diameter selective VNS  | Polona Pečlin, MD, Janez Rozman<br>Ljubljana Center for Implantable Technology and Sensors, Republic of Slovenia  |
|  | Optimal use of climate in the construction of Traditional housing As a Greenhouse in Iran   | Emad Hezbkhhah, Ebrahim Akhlaghi<br>Islamic Azad University, Mahshahr Branch, Khozestan, Iran   |
|  | A Review of Nonsystematic Restoration of Historical Buildings   | Kazem Mousavi Nejad, Emad hezbkhhah, Fateme Mousavi Nejad ,Dorna mousavi<br>Islamic Azad University, Mahshahr Branch, Khozestan, Iran                       |
|  | Appropriate intercity paths based upon different factors in the city of Mahshahr and presenting proper solutions                                  | Kazem Mousavi Nejad, Emad hezbkhhah, Amir Abbas Bagheri, Ramin Garibvand, Fateme Mousavi Nejad<br>Islamic Azad University, Mahshahr Branch, Khozestan, Iran |
|  | Evaluation of the Effects of Climate Change in destruction procedure on Iran's historic buildings   | Firouz Parvizian Ganje, Emad Hezbkhhah, Behbood Maashkar<br>Islamic Azad University, Mahshahr Branch, Iran  |
|  | Superficial Absorbed dose in treatment of breast with 6 MV x-Ray  | Vahid Fayaz, Hassan Zandi<br>Hamedan branch , Islamic Azad University, Iran   |
|  | Estimating the Absorbed Dose to THYROID During chest wall Radiotherapy  | Seid Ali Asghar Terohid, Vahid Fayaz<br>Hamedan Branch , Islamic Azad University, Iran  |
|  | Uniformity of dose distribution in radiation fields surrounding the spine using film dosimetry and comparison with 3D treatment planning software | Sadegh Masoudi , Vahid Fayaz ,Hassan Zandi, Asieh Tavakol<br>Hamedan Branch , Islamic Azad University, Iran   |
|  | The reconstruction New agegraphic and Gauss- Bonnet dark energy models with a special power law expansion   | Vahid Fayaz , Fereshteh Felegary Felegary<br>Hamedan branch , Islamic Azad University, Iran   |
|  | Estimating the Absorbed Dose to EYE During whole Brain Radiotherapy   | Saeed Hadipour , Vahid Fayaz ,Asieh Tavakol, Sadegh Masoudi, Hassan Zandi<br>Hamedan Branch , Islamic Azad University, Iran                                 |
|  | Satellite Thermal Control: Cooling by a Diphasic Loop   | Boukhris Lahouari<br>Centre des Techniques Spatiales, Algeria   |
|  | Ecosystem services provided by alley cropping systems in the temperate region   | Penka Tsonkova, Christian Böhm, Ansgar Quinkenstein, Dirk Freese<br>Brandenburg University of Technology Cottbus, Germany                                   |
|  | The Study on Evaluation System and Method of Legacy System  | Fuyang Peng, Bo Deng , Xiaoyan Su, Chao Qi<br>Beijing Institute of Systems Engineering, China   |
|  | Prediction of the Rear Fuselage Temperature with Radiation Shield   | Kyung Joo Yi, Seung Wook Baek, Sung Nam Lee, Man Young Kim,<br>Korea Advanced Institute of Science and Technology, South Korea                              |
|  | Removal of a Reactive Dye by Adsorption Utilizing Waste Aluminium Hydroxide Sludge as an Adsorbent  | Rahime Songür, Emine Bayraktar, Ülkü Mehmetoğlu<br>Ankara University, Turkey  |
|  | New Models of Financial Management Put into Effect in Dental Practices in Romania – Empirical Study   | Dutescu Adriana, Amariei Corneliu, Sahlian Daniela, Stanila Aurelian, Stanila Oana<br>Ovidius University Constanta, Romania, Romania                        |
|  | Modeling the global warming effect on the upper limit of water uptake by plants   | Mohammad Hossein Mohammadi<br>University of Zanjan, Iran  |
|  | A novel Harmony Search-based Scheduling Protocol for Area Coverage in Wireless Sensor Networks  | Seyed Mahdi Jameii, Arash Nikdel<br>Islamic Azad University, Shahr-e-Qods Branch, Iran  |
|  | Application of Edible Coating for Improvement of Quality and Shelf-Life of Raisins  | Raheleh Ghassem Zadeh<br>Islamic Azad University, Quchan Branch, Iran   |
|  | Evaluation of Horizontal Seismic Hazard of Naghan, Iran   | S. A. Razavian Amrei, G.Ghodrati Amiri, D. Rezaei<br>Iran University of Science and Technology, Iran  |



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| Implementation of a New Approach for Seismic Assessment of a Quay Wall in a Southern Port of Iran  | R. Mirza Hessabi, G.Ghodrati Amiri, F.Etemad Shahidi<br>Iran University of Science and Technology, Iran                         |
| An In Silico Approach for Prioritizing Drug Targets in Metabolic Pathway of Mycobacterium tuberculosis                                       | Baharak Khoshkholgh-Sima, Soroush Sardari, Jalal Izadi Mobarakeh, Ramezan Ali Khavari-Nejad<br>Pasteur Institute of Iran, Iran  |
| Assessment of progressive collapse in moment-frame multi-story wood building structures  | Milad Mohamadzadeh, Farshad Hashemi Rezvani, Siavash Kanani<br>Islamic Azad university, Karaj Branch, Iran                      |
| Effect of pre-drying treatments on quality characteristics of dehydrated tomato slices   | Sharareh Mohseni, Reihane Ahmadzadeh Ghavidel<br>Azad University of Quchan, Iran  |
| Design of Medical Information Storage System – ECG Signal  | Astrid Rubiano Fonseca, Nancy Olarte, David Lara<br>Universidad Militar Nueva Granada, Colombia                                 |
| Using LMM model in order to estimating Land use change in Naeen region   | Naghmeh Alizad Gohari, Mohammad Latifi, Hassan Yeganeh, Alireza Sarsangi<br>Islamic Azad University, Iran                       |
| Designing Financial Information System Using SSADM   | Nikzad Manyeghi, Shohrehosadat Karimi Jahromi<br>Islamic Azad University, Iran  |
| Persian Handwritten Digit Recognition Using Support Vector Machines  | Omid Rashnodi<br>Islamic Azad University Ahvaz, Iran  |
| Improvement of Power Quality Indices in power Systems by STATCOM Optimization Design through the Presentation of New Control Method          | Saeid Raofi, Hossein Teimuri, Ali Sadeghi Amini<br>Supreme Manager of Tavanmand Consulting Engineers Co. Esfahan. Iran          |
| A New Soft Handoff Scheme for SIP Mobility in Next Generation Networks   | Hamid Reza Nazari<br>Islamic Azad University, Shahr Majlesi, Iran   |
| Investigation on Pore Water Pressure in Core of Karkheh Dam  | Bahar Razavi, Mansour Parezkar, Ali Gholami<br>Islamic Azad University, Khuzestan, Iran   |
| Importance of noting to systemic management in watersheds  | Nasri Masuod, Ebrahimi Shahpur, Amini Abutaleb<br>Ardestan Branch, Islamic Azad University, Iran                                |
| Modeling Heat Transfer in Multi Layer Cookware Using Finite Element Method   | Behnam Nilforooshan Dardashti, Mohammadreza Sedighi<br>Islamic Azad University, Iran  |
| Optimal Design Of Double-Sided Linear Induction Motor Based On Sheet Secondary Thickness Effects With Finite Element Method                  | Abdolamir Nekoubin<br>Islamic Azad University, Iran   |
| The optimization of hexapod machine tools architecture based on stiffness  | Davoud Karimi Alavijeh<br>Tarbiat Modares University, Iran  |
| Uncertainty Calculation of Flow in Empirical Models in Rockfill Dam  | Abbas Soleimani, Jalil Emadi, Hamed Habibolahiyani, Saeed Bahramian<br>Ardestan Branch, Islamic Azad university, Ardestan, Iran |
| Design And Implementation Of Artificial Vision System For Detecting Circular Movements Of The Human Eye For Controlling Cursor Movement Core | Rodolfo Chavez, Ruben Lozano, Frank Giraldo<br>Universidad Distrital Francisco Jose De Caldas, Colombia                         |
| Finite Element Optimization of Transducers Arrangement in Ultrasonic Cleaning  | Amir Abdullah, Siamak Foroughi, Abbas Pak, Alireza Haji Ali Mohammadi<br>Amirkabir University, Iran                             |
| The Vibration of Thin Plates by using Modal Analysis   | Ali Reza Pouladkhan, Jalil Emadi, Majid Safamehr, Hamed Habibolahiyani<br>Member of Islamic Azad University, Iran               |
| Seismic Behavior of the Steel Moment Frames with Composite Beams   | Mojtaba Fathi<br>Razi University, Iran  |
| A Comprehensive and Integrated Framework for Formal Specification of Concurrent Systems  | Sara Sharifi Rad, Hassan Haghghi<br>Shahid Beheshti University, Iran  |
| An Agent Oriented Architecture to Supply Dynamic Document Generation in ERP Systems  | Hassan Haghghi, Seyedeh Zahra Hosseini, Seyedeh Elahe Jalabadani<br>Shahid Beheshti University, Iran                            |
| Refinement of Object-Z Specifications Using Morgan's Refinement Calculus   | Mehrnaz Najafi, Hassan Haghghi<br>Shahid Beheshti University, Iran  |
| Planning E-citizen: A Step Toward E-society  | Zohre Khabaziyan, Hossein Teimori, Masoud Hekmatpanah<br>Islamic Azad University, Iran  |
| Somatic development design of Fesaran village from viewpoint of environmental issues   | Mohammad Latifi, Sirus Ghanbari, Raheleh Hekmatpanah<br>Islamic Azad University, Iran   |
| Comparative Study of Postmodernism And Sustainable Agriculture   | Farshad Ghooshchi<br>Islamic Azad University, Iran  |
| Importance of rural tourism in Ardestan township   | Alireza Kazemzadeh Ardestani, Nasri Masuod<br>Islamic Azad University, Iran   |

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|  | Importance Of Attention To Sustainable Urban Green Space And Data Base Making Using Gis Techniques   | Mohammad Bagheri Khoulenjani, Mehdi Saati and Rahelehe Hekmatpanah<br>Islamic Azad University, Ardestan Branch ,Esfahan.Iran  |
|  | Susceptibility of the First Instar Nymphs of Cotton Aphid, Aphis Gossypii Glov. To Buprofezin and Pyriproxyfen   | Maryam Sattar, Mohammad Bagheri<br>Islamic Azad University of Ardestan Branch, Iran   |
|  | On the role of methanol in amyloid formation induction in apo-yeast alcohol dehydrogenase  | Behnam Ebrahimian, Mehran Mioliaei, Zahra Kabiri<br>Islamic Azad University of Ardestan, Ardestan, Iran   |
|  | Prediction of Thermal Hydraulic Signals in a LOCA Using Artificial Neural Networks   | Nima Vaziri, Ali Erfani, Mehrdad Monsefi, Alireza Hojabri, Seyed Majid Borghei<br>Islamic Azad University, Iran   |
|  | Indices selection for bases of project physical progress   | Majid Safamehr, Reza Gharekhani, Saeid Hekmatpanah<br>Islamic Azad University, Iran   |
|  | Value Engineering in Weir Consolidations of Siazakh Dam  | Reza Gharekhani, Jalil Emadi, Abbas Soleimani<br>Technical Head Office in Farough Diversion Dam, Iran   |
|  | A Predictive Control Based on Neural Network for Proton Exchange Membrane Fuel Cell  | Mostafa Sedighizadeh, Mehrdad Rezaie<br>Imam Khomeini International University, Iran  |
|  | Assessment the Effect of Setback in Height of Frame on Reinforcement Structures  | Farshad Mehrabi, Ali Kheirodin, Mohsen Gerami<br>Islamic Azad University, Iran  |
|  | Time series analysis, it is predicted by the model climatic cyclical variations, seasonal variations and irregular variations determined Temperature of the Caspian southern | Taher Nezami, Ali Reza Ghodrati<br>Agricultural and Natural Research Center of Guilan, Iran   |
|  | Estimated Dry years in Gilan province, Using the effective daily precipitation indices and ERI standardized precipitation index SPI in the Agricultural                      | AliReza Ghodrati, M.T. Nezami<br>Agricultural and Natural Research Center of Guilan, Iran   |
|  | Meteorological Data Study and Forecasting Using Particle Swarm Optimization Algorithm  | Sorour Esfandeh, Mostafa Sedighizadeh<br>University Of Tehran, Iran   |
|  | Perturbed-Chain Statistical Association Fluid Theory (PC-SAFT) Parameters for Propane, Ethylene, and Hydrogen under Supercritical Conditions                                 | Ilke Senol<br>Borealis Polymers Oy, Finland   |
|  | Noninvasive Assessment of Low Power Laser Radiation Effect on Skin Wound Healing Using Infrared Thermography   | M.A. Calin, S.V. Parasca, M.R. Calin, D. Savastru, D. Manea<br>National Institute of Research and Development for Optoelectronics, Romania  |
|  | Analyzing Effects Reduce of fertilizer subsidy on beet producers' Welfare Fars Province  | Seyed Nemat Allah Mousavi, Maryam Mazloomi<br>Marvdasht Branch, Islamic Azad University, Marvdasht, Iran  |
|  | Development agriculture in Darab Rural Districts   | D. Shakoor, M.R. Rezaei, B. Farahbakhsh<br>Islamic Azad University Marvdasht Branch, Iran   |
|  | Using AHP method and Experts' Knowledge for sustainable forest management  | Rahim Maleknia<br>Lorestan University, Iran   |
|  | Concentrations and origin of heavy metals around aluminium industrial complex  | Samira Ghiyasi<br>Islamic Azad University, Arak Branch, Iran  |
|  | Retrofitting of Steel Building with Khorjini Semi – Rigid Connections by incorporation Buckling Restrained Braces (Case study)   | Reza Tajallifard, Pamam Zarfam, Najaf Hedayat, Reza Abbasi<br>Islamic Azad University, Dezful Branch, Iran  |
|  | An Investigation of the Spatial Changes of One-Day (24-Hour) Precipitation in the Supply of Iran's Precipitation Days and Precipitation Amount                               | S. A. Masoodian, H. Nazarpour<br>Sistan & Baluchestan University, Iran  |
|  | Springback Property and Texture Distribution of Grained Pure Copper  | Takashi Sakai, Hitoshi Omata, Jun-ichi Koyama<br>Seikei University, Japan   |
|  | Diagnostics of Fatigue Damage of Gas Turbine Engine Blades   | A.Urbahs, M.Banov, V.Turko, Y.Feshchuk<br>Riga Technical University, Latvia   |
|  | Grocery shopping path clustering via Longest Common Subsequences   | In-Chul, Young S. Kwon<br>Dongguk University, Korea   |
|  | The Effect of glucogenic and lipogenic diets on blood metabolites of Baloochi sheep  | Alireza Vakili, Ali Mortezaee, Mohsen Danesh Mesgaran<br>Ferdowsi University of Mashhad, Iran   |
|  | The effects of garlic oil (Allium sativa), turmeric powder (Curcuma longa Linn) and Monensin on Total apparent digestibility of nutrients in Baloochi lambs                  | Ahmad Khalesizadeh, Alireza Vakili, Mohsen Danesh Mesgaran, Reza Valizadeh<br>Ferdowsi University of Mashhad, Iran  |
|  | The effect of heat or heat-xylose processing on chemical composition and in vitro first order dry matter and crude protein disappearance kinetics of guar meal               | Mohsen Danesh Mesgaran, Hossein Jahani-Azizabadi, Alireza Vakili<br>Ferdowsi University of Mashhad, Iran  |
|  | Study of Structure and Properties of Cyan-Ethyl Ether of Polyvinyl Alcohol   | Natalya N. Bochkareva, Andrey A. Dorofeev, Elena S. Nazarova, Maxim M. Sychev, Larisa L. Ezhenkova, Alexandr G. Rodionov<br>Russian Federal Nuclear Center- All-Russia Research Institute of Experimental Physics, Russia |

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|              | Electroluminescent Light Sources Based on Cyan- Ethyl Ether of Polyvinyl Alcohol and their Possible Applications                           | Andrey A. Dorofeev, Natalya N. Bochkareva, Elena S. Nazarova, Maxim M. Sychev, Vladimir V. Bakhmetiev, Alexandr G. Rodionov<br>Russian Federal Nuclear Center- All-Russia Research Institute of Experimental Physics, Russia |
|              | Relationship Between Job Satisfaction and HR Practices, an Empirical Research of Different Sectors of University Teachers in Pakistan      | Imran Khan, Tauqir Ahmad Ghauri, Kashif Akram<br>Islamia University of Bahawalpur, Bahawalnagar Campus, Pakistan   |
|              | Characteristics of Wall Thickness Increase in Pipe Reduction Process Using Planetary Rolls   | Watari Hisaki<br>Gunma University, Japan   |
|              | Investigation the effect of climatic factors on creating comfort spaces and Roudbar architecture   | M.T. Nezami A.R, Ghodrati<br>Department of Soil science, Karaj Branch, Islamic Azad University, Iran   |
|              | A Fuzzy AHP Model for Process Selection in Education System  | B. Maleki, V. Kumar<br>Carleton University, Canada   |
|              | The optimization of hexapod machine tools architecture based on stiffness  | D. Karimi, M.J. Nategh<br>Tarbiat Modares University, Iran   |
|              | Design of a Fuzzy Feed-forward Controller for Monitor HAGC System of Cold Rolling Mill   | Shirin Khosravi, Ahmad Afshar, Farshad Barazandeh<br>Amirkabir University of Technology, Iran  |
|              | Improving Energy Efficiency Of Processor-based Embedded Systems Via Technology-aware Cache Configuration Selection                         | Akbar Bemana, Mohsen Taherian<br>Islamic Azad University, Dashtestan branch, Iran  |
|              | Study of microelement effects on seed yield and agronomic traits on Nigella sativa L.  | Mohammed Bagheri khoulenjani, Maryam Sadat Salamati<br>Ardestan Branch, Islamic Azad university, Iran  |
|              | The Design of Adaptive Controller for State Vector Feedback Control  | Mahmood Lahroodi<br>Meshkin Shahr Branch, Islamic Azad University, Iran  |
|              | Variation for Some Important Morphological Traits in Safflower (Carthamus tinctorius L.) genotypes   | Maryam Sadat Salamati, Mohammed Bagheri Khoulenjani<br>Ardestan Branch, Islamic Azad university, Ardestan, Iran  |
|              | ISSR markers for the assessment of genetic diversity in almond genotypes cultivated in Yazd province, Iran                                 | Mohammad Reza Ghaffarian, Arman Mahmoudi Otaghvari, Habib Zare, Somayeh Barari<br>Department of Biology, University of Mazandaran, Iran  |
|              | An Inter-banking Auditing Security Solution for Detecting Unauthorised Financial Transactions entered by Authorised Users                  | Clara Corzo, Ning Zhang, Fabio Corzo<br>University of Manchester, United Kingdom   |
|              | Performance Verification Of Seismic Design Codes For RC Frames   | Payam Asadi, Ali Bakhshi<br>Sharif University of Technology, Iran  |
|              | Development of control software of space environment simulator based on Linux  | Jinsong Liu<br>China Academy of Space Technology, China  |
|              | Centralized control system of large space environment simulator based on SCADA and Ethernet  | Botao Liu<br>China Academy of Space Technology, China  |
|              | An Agri-food Supply Chain Model for Cultivating the Capabilities of Farmers Accessing Market Using Corporate Social Responsibility Program | W. Sutopo, M. Hisjam, Yuniaristanto<br>Sebelas Maret University, Indonesia   |
|              | An appraisal of genetic fidelity of some micropropagated grapevine clones using ISSR and RAPD markers                                      | Mohammad Sarmad Nabavi, Vida Dehviri, Mahmood Reza Karimi Shahri, Gholam Reza Bakhshi Khaniki<br>Payame Noor University, Iran  |
| <b>13:00</b> | <b>Lunch Break</b>   |  |
|              | <b>Technical Equipment</b><br>1- Laptop Computer<br>2- LCD Data Projector<br>3- USB Flash Drive – Memory<br>4- CD/DVD-ROM Drive            | 5- PowerPoint Presentation Remote with Laser Pointer<br>6- PowerPoint Presentation/ Acrobat Reader Software<br>7- Each Technical Presentation is 15 Minutes including Discussions  |