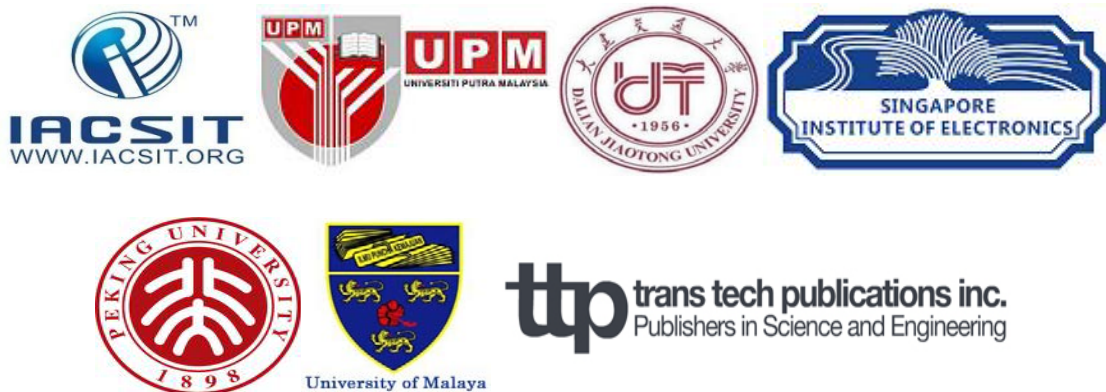


# 2012 IACSIT Summer Kuala Lumpur Conference Schedule

2012 4<sup>th</sup> International Conference on Mechanical and Electrical Technology (ICMET 2012)  
2012 International Conference on Nanomaterials and Electronics Engineering(ICNEE 2012)  
2012 International Conference on Information and Knowledge Management(ICIKM 2012)  
2012 International Conference on Smart Grid Systems(ICSGS 2012)

## Sponsorship



## *Conference Program*

Lanson Place  
Ambassador Row Serviced Suites, Kuala Lumpur  
Kuala Lumpur, Malaysia. July 24-26, 2012  
<http://kualalumpur.lansonplace.com/>

# Oral Presentation Schedule

## Tuesday, July 24, 2012

**Registration @ Ambassador Room of Lanson Place, Kuala Lumpur**

10:00 - 12:30 & 13:30 - 17:00 Registration and Conference Material Collection only

- Tips:** (1) You can also register at any working hours during the conference period.  
 (2) Certificate of Participation can be collected at the registration counter.  
 (3) The organizer won't provide accommodation, and we suggest you make an early reservation.

## Wednesday, July 25, 2012

### Plenary Speech @ Banquet 1

9:00-9:15	Opening Remarks by Prof. Dr. Mohamed Othman
9:15-9:55	Keynote Speaker I  Prof. Abdul Razaque University of Bridgeport, USA  Topic for Keynote Speech: Linguistic Framework for Mobile Collaborative Learning and its Automatic Control to Foster Pedagogical Activities.
9:55-10:35	Keynote Speaker II  Prof. Dr. Wirachman Wisnoe Universiti Teknologi MARA (UiTM) Shah Alam, Malaysia  Topic for Keynote Speech: Aerodynamics of Tailless Blended-Wing-Body Unmanned Aerial Vehicle
10:35-10:50	<b>Coffee Break</b>
10:50-11:30	Keynote Speaker III  Dr. Raja Suzana Binti Raja Kasim Professor of Management, GERIC-UMK, Global Entrepreneurship Research & Innovation Center
11:30-11:40	<b>Group Photo Session</b>

### Lunch

11:40-13:10 Lunch buffet

### Concurrent Workshop

13:10-15:10	<b>SESSION – 1 (ICMET 2012) @ Banquet 1</b>	
	T0001	Numerical Investigation of Turbulence models for Free Jet Flow LARIBI Boualem, BELKACEMI Djelloul and ABDELLAH Hadj  FIMA Labortaory, University of Khemis Miliana, Algeria

T0002	<p>Defective casting diagnosing via an enhanced Knowledge Hyper-surface method</p> <p>Nazri Mohd Naw, Zawati Harun and Noorhaniza Wahid</p> <p>Universiti Tun Hussein Onn Malaysia (UTHM)</p>
T0004	<p>Numerical Investigation of Turning Diffuser Performance by Varying Geometric and Operating Parameters</p> <p>Normayati Nordin, Vijay R. Raghavan, Safiah Othman and Zainal Ambri Abdul Karim</p> <p>Universiti Tun Hussein Onn Malaysia (UTHM)</p>
T0005	<p>Experimental and Numerical Investigation On Flowfield of Film Cooling From Multiple Holes</p> <p>Kamil Abdullah, Ken-ichi Funazaki and Hisato Onodera</p> <p>Universiti Tun Hussein Onn Malaysia (UTHM)</p>
T0006	<p>A Review on the Mechanical and Physical Properties of Natural Fiber Composites</p> <p>M. Zaleha, S. Mahzan and I.Maizlinda Izwana</p> <p>University Tun Hussein Onn Malaysia (UTHM)</p>
T0007	<p>Sub-Index Derivation of Welding Health-Hazard Index (WHI) for Small and Medium Enterprises (SMEs) in Malaysia</p> <p>Azian Hariri, M.Z.M Yusof and Abdul Mutalib Leman</p> <p>Universiti Tun Hussein Onn Malaysia (UTHM)</p>
T0008	<p>Boil-Off Gas Formation inside Large Scale Liquefied Natural Gas (LNG) Tank Based on Specific Parameters</p> <p>Mohamad Shukri Zakaria, Kahar Osman and Md. Nor Musa</p> <p>Universiti Teknologi Malaysia</p>
T0009	<p>Effect of High Swirl Velocity on Mixture Formation and Combustion Process of Diesel Spray</p> <p>Amir Khalid and Bukhari Manshoor</p> <p>Universiti Tun Hussein Onn Malaysia</p>
T0010	<p>Numerical Investigation of the Circle Grids Fractal Flow Conditioner for Orifice Plate Flowmeters</p> <p>MANSHOOR Bukhari and AMIR KHALID</p> <p>Universiti Tun Hussein Onn Malaysia</p>

T0011	Modeling and Fuzzy Control of a Crude Oil Preheating Furnace Ali Chaibakhsh, M. Pourbeheshtian, M.J. Javadi Sigaroudi and H.R. Najafi University of Guilan, Iran
T0084	Identification of MR damper based on normalized Bouc-Wen model using neural network Arash Bahar, Ali Chaibakhsh and Sajad Haqdadi University of Guilan, Iran
T0018	Developing a Feature-based System for Automated Machining Feature Recognition (ISO 10303 AP 224) of Prismatic Components Chen Wong Keong and Yusri Yusof Universiti Tun Hussein Onn Malaysia
T0020	Airline Revenue Management: Optimization Using Origin-Destination Strategy Controlled by Nested Heuristics Ajyuk J. Raj, N. Ganesh Kumar and S. Jayaraj PSG College of Technology, Coimbatore, INDIA
T0028	Electricity Generation of the Water Weighted Sun Tracking System in Sirindhorn Solar Power Plant Manop Hongkammeung and Tanakorn Wongwuttanasatian Khon Kaen University, Thailand
T0032	Electricity Energy Saving Assessment for Induction Motors towards Sustainable Energy Practice in Indonesian Small and Medium Industry Yusak Tanoto Petra Christian University, Indonesia
T0036	External Setup in SMED Improvement in An Injection Molding Manufacturing Company Low Shye Nee, Chong Siu Hou, Sim Hui Yee, Solehhudin Razalli and Shahrul Kamaruddin UNIVERSITI SAINS MALAYSIA
<b>SESSION – 2 (ICMET 2012)</b> <b>@ <i>Ambassador Room</i></b>	
T0038	Defect Detection of Metal Injection Modeling by Micro Computed Tomography Wei-Yun Huang, Chang-Da Chen, Yen-Nien Chen, Wei-Jen Shih and Chih-Han Chang National Cheng Kung University, Tainan, Taiwan

13:10-15:10

T0039	<p>Influence of Pressure on the Performance of Heat Exchangers in Ammonia-Water Based Power Cycles</p> <p>Kyoung Hoon Kim and Chul Ho Han</p> <p>Kumoh National Institute of Technology(KIT) in Korea</p>
T0040	<p>Performance Analysis of Wet Compression Process under Critical Conditions of Water Injection</p> <p>Kyoung Hoon Kim and Chul Ho Han</p> <p>Kumoh National Institute of Technology(KIT) in Korea</p>
T0041	<p>Interoperable CNC Machine Via Function Block and STEP-NC Data Model for Milling Operation</p> <p>D.M.Elias, Y.Yusof and M.Minhat</p> <p>UNIVERSITI TUN HUSSEIN ONN MALAYSIA</p>
T0045	<p>Comparison of STEP-NC with ISO6983 in terms of manufacturing interoperability</p> <p>Ali. Afsharhanaei, Z. Leman and N. Ismail</p> <p>Universiti Putra Malaysia</p>
T0046	<p>The Application of BIM Model in M/E/P Construction Coordination</p> <p>Yi-Jao Chen, Chung-Wei Feng and Kung-Wen Lee</p> <p>University of Kang Ning, Taiwan</p>
T0052	<p>Studies of Relationship between Contact Width and Leakage on Large Size of New Metal Gasket</p> <p>Moch. Agus CHOIRON, Shigeyuki HARUYAMA and Ken KAMINISHI</p> <p>Mechanical Engineering Department, Brawijaya University, Malang, Indonesia</p>
T0054	<p>Thermo Mechanical Analysis of SS304 Circular Grid Plate Hard Faced with Colmonoy</p> <p>Balaguru S, Shashi Kumar, Vela Murali and Chellapandi P</p> <p>Anna University Chennai, Indian</p>
T0061	<p>Disaster Management Issues in Ad-hoc and WSNs with Healthcare and Communications Viewpoints</p> <p>Salaheldin Mohamed Edam and Guixia Kang</p> <p>Beijing University of Posts and Telecommunications, China</p>
T0065	<p>Investigation of Porous Block Porosity on Flow and Entropy Generation inside a T-Micromixer Using Lattice Boltzmann Method</p>

	Mojtaba Aghajani Delavar Babol Noshirvani University of Technology, Iran
T0070	Trend in sustainability of facility design and production planning in manufacturing Seyed Ali Hosseini, Amin Nosratabadi, Taravatsadat Nehzati and Napsiah Ismail University Putra Malaysia
T0076	E-Manufacturing Challenges and Enablers Seyed Ali Hosseini, Amin Nosratabad, Mohammad Amin Okhovat, Taravatsadat Nehzati and Napsiah Ismail University Putra Malaysia
T0071	Evaluation of Cutting force and Surface Temperature for Round and Square member in Laser Assisted Turn-Mill Jun Young Choi and Choon Man Lee Changwon National University, Korea
T0079	A Fundamental Study on the Prediction of Preheating Temperature of Silicon Nitride Ceramics by Using HPDL Kwang Sun Kim and Choon Man Lee Changwon National University, Korea
T0083	Integrated System for Denture Design and Manufacturing Md Saidin Wahab, Yusri Yusof, Noraniah Kassim and Zainul Ahmad Rajion Universiti Tun Hussein Onn Malaysia
T10003	Linear Analysis of Crack Propagation in a Solid Rocket Propellant Mubashir Gulzar National University of Sciences and Technology, Pakistan
<b>15:10-15:30</b>	<b>Coffee Break</b>
<b>15:30-18:00</b>	<b>SESSION – 3 (ICNEE 2012)</b> <b>@ <u>Banquet 1</u></b>
N0002	Homogenization & Melt-emulsification Techniques for Ibuprofen Particle Size Reduction: Effect of Tween 80 & Sonication Sarun Tuntarawongsa and Thawatchai Phaechemud Faculty of Pharmacy, Silpakorn University, Thailand
N0003	Network Formation in Various Dispersing Medium of Hydrophobic Colloidal Silicon Dioxide Photchanart Toprasri and Thawatchai Phaechemud Faculty of Pharmacy, Silpakorn University, Thailand

N0006	<p>Reconstruction and Electronic Properties of Interface between Carbon Nanotubes and Ferromagnetic Co Electrodes</p> <p>Nguyen Tien Cuong, Mohd Ambri Mohamed, Nobuo Otsuka, and Dam Hieu Chi</p> <p>Japan Advanced Institute of Science and Technology, Japan</p>
N0007	<p>Analyzing p-MOSFET Lifetime by Employing R-D Model &amp; MOS Device Theory</p> <p>Sadia Manzoor, Nissar Mohammad Karim and Norhayati Soin</p> <p>University of Malaya, Malaysia</p>
N0012	<p>Tuning Color of Charged Iridium(III) Complexes with a Spiro N,N'-Bidentate Ligand</p> <p>Kattaliya Mothajit, Kittiya Wongkhan and Rukkiat Jitchati</p> <p>Ubon Ratchathani University, Thailand</p>
N0016	<p>Multi-peaked velocity spectrum of a AC-electric-field-induced electrolytic flow with microelectrodes</p> <p>Astha Sethi, Pritesh Parikh, Samatha Benedict, Subimal Deb and Sourj Banerjee</p> <p>Birla Institute of Technology and Science, India</p>
N0019	<p>Current delivered by an STM tip in Landauer-Büttiker formalism</p> <p>Urbashi Satpathi</p> <p>S. N. Bose National Centre for Basic Sciences, India</p>
N0024	<p>Doping effect on crystal structure and magnetic properties of highly Alsubstituted strontium hexaferrite nanoparticles</p> <p>Elham Khorashadizade, Hadi Arabi and Abbas Yousefi</p> <p>Birjand university, Iran</p>
N0026	<p>Near Infrared Cut-off Characteristics of Various Perovskite-based Composite Films</p> <p>Jae Young Kim, Seung Yong Jeong, Gyojic Shin, Sangkug Lee, and Kyung Ho Choi</p> <p>KITECH (Korean Institute of Industrial Technology), Korea</p>
N0027	<p>Properties of Thermal Conductivity on Polyimide/Clay Nanocomposite Foams</p> <p>Eunyoung Kim, Seung Yong Jeong, Gyojic Shin, Sangkug Lee, and Kyung Ho Choi</p> <p>KITECH (Korean Institute of Industrial Technology), Korea</p>
N0041	<p>TEM analysis of structural phase transition in MBE grown cubic InN on MgO (001) by MBE: effect of hexagonal phase inclusion in an c-GaN nucleation layer</p> <p>Jamreonta Parinyataramas, Sakuntam Sanorpim, Chanchana Thanachayanont, Hiroyaki Yaguchi and Misao Orihara</p> <p>Nanoscience and Technology, Chulalongkorn University, Thailand</p>

N0047	Layer-by-Layer Surface Modification of Fruits with Edible Nano-Coatings Paveenuch Kittitheeranun, Stephan Thierry Dubas, Luxana Dubas Chulalongkorn University, Thailand
N0048	Dispersion of multiwalled carbon nanotubes with water-soluble polyaniline blend poly(sodium 4-styrenesulfonate) Ekarat Detsri and Stephan T Dubas Chulalongkorn University, Thailand
N0049	Carbaryl Detection by Gold Nanoparticles Electrodes for Fruit Application Model Panittamat Kumlangdudsana, Luxsana Dubas, Adisorn Tuantranont, and Stephan Thierry Dubas Chulalongkorn University, Thailand
N0051	EFFECT OF MILLING TIME ON THE STRUCTURAL PROPERTIES OF TITANIUM DIOXIDE NANOPOWDER NIK NOOR HAFIZAH, MOHD. FAIZAL AHCHOI, LYLY NYL ISMAIL, MOHAMAD RUSOP UNIVERSITI TEKNOLOGI MARA(UiTM), MALAYSIA
N1011	Flexible Graphene-Based Electroluminescent Devices Ze-gao Wang, Yuan-fu Chen, Ping-jian Li, Xin Hao, Jing-bo Liu, Ran Huang and Yan-rong Li University of Electronics Science and Technology of China
N1015	Design of Quantum Dot Based LASER with Ultra-low Threshold Current Density M. A. Humayun, M. A. Rashid ,F. A. Malek, A. N. Hussain and I. Daut University Malaysia Perlis, Malaysia
N2004	Post-growth annealing of (Ga,Mn)As under Sb capping I. Ulfat, J. Adell, P. Pal , J. Sadowski , L. Ilver and J. Kanski Chalmers University of Technology, Sweden
<b>SESSION – 4 (ICIKM 2012)</b> <b>@ <u>Ambassador Room</u></b>	
M0001	Public open data against crisis? Case of Czech and EU Insolvency Registers Jana Chvalkova , Michal Mejstrik Institute of Economic Studies, Charles University in Prague
M0004	“Oil – Nature v/s Necessity” Sarfraz Khan Marathwada University, Aurangabad, India.
M0012	Minimize Energy Consumption and Improve the Lifetime of Heterogeneous Wireless Sensor Networks by Using Monkey Search Algorithm

15:30-18:00



	<p>Nima Jafari Navimipour, Sara Halimi Shabestari and Vahid Samadzad Samaei</p> <p>Science and Research Branch, Islamic Azad University, Tabriz, Iran</p>
M0014	<p>Knowledge Sharing and Social Network in Franchise Chains</p> <p>Rina Herani and Arent Greve</p> <p>Norwegian School of Economics (NHH), Norway</p>
M0015	<p>The Impact of Cloud Computing on the Protection of Personal data in Malaysia</p> <p>Abdolhamid Rouhani and Nazura Abdul Manap</p> <p>FACULTY OF LAW, UNIVERSITI KEBANGSAAN MALAYSIA</p>
M0017	<p>A Pilot Study on Knowledge Sharing using Knowledge Management System in IT Shared Services Companies</p> <p>Angela Lee Siew Hoong, Tong Ming Lim, Justin Lim Renn Aun</p> <p>Sunway University</p>
M0022	<p>The influence factors for improving ubiquitous outdoor learning</p> <p>Yu-Ling Chu, Tan-Hsu Tan, Min-Sheng Lin, Tsung-Yu Liu</p> <p>Department of Electrical Engineering, National Taipei University of Technology</p>
M0025	<p>Using text mining to retrieve educational affordances from documents</p> <p>Yu-Ling Chu, Min-Sheng Lin, Tan-Hsu Tan, Tsung-Yu Liu</p> <p>Department of Electrical Engineering, National Taipei University of Technology</p>
M0029	<p>Mathematical Equations for Homomorphic Filtering in Frequency Domain: A Literature Survey</p> <p>Sami Abdulla Mohsen, and Haidi Ibrahim</p> <p>Universiti Sains Malaysia</p>
M0030	<p>O2-Tree: A Fast Memory Resident Index for In-Memory Databases</p> <p>Daniel Ohene-Kwofie, E. J. Otoo and Gideon Nimako</p> <p>The University of the Witwatersrand</p>
M0038	<p>Creating dynamic environment by merging semantic web and knowledge management</p> <p>Seyedjamal Zolhavarieh, Molood Barati</p> <p>Multimedia University, Malaysia, Cyberjaya campus</p>
M0039	<p>Collision of knowledge sharing in social networks</p>

	Seyedjamal Zolhavarieh, Molood Barati Multimedia University, Malaysia, Cyberjaya campus
M0041	The role of metadata in information management in virtual museums Zeynab Fazaee Qarabolaq , Mina Seifi Inallou Islamic Azad University, Science and Research Branch
M0043	Information Extraction using Automated Wrapper Builder using Approximate Occurrence Identification Algorithm for Health Samir K Amin, Khairuddin Bin Omar and Dinesh Kumar Saini UKM
M0046	Efficient GSP Implementation based on XML Databases Porjet Sansai and Juggapong Natwichai Chiang Mai University
M0050	Adjusted Edit Distance Algorithm For Alias Detection Muniba Shaikh, Humaira Dar, Asadullah Shaikh and Asadullah Shah International Islamic University Malaysia (IIUM)
M0053	Applying MVC to Evolutionary Acquisition IRPM Patrick Letouze, Mariwaldo G. Caetano, João Y. Ishihara, David Prata, and George Brito Federal University of Tocantins - UFT, Brazil
M0066	Data Mining Application of Marketing: A Bivariate Model of Customer Purchase Monetary and Interpurchase Time Huang, Hui-Hsin Aletheia University
M0074	AN IMPROVEMENT ON THE NAÏVE BAYES CLASSIFIER Hong Choon Ong, May Yee Khoo and Siew Lin Saw Universiti Sains Malaysia

## Thursday, July 26, 2012

### Concurrent Workshop

8:30-10:10

SESSION – 5 (ICNEE 2012+ICSGS 2012) <u>@ Banquet 1</u>	
N2005	Effect of ZnO Nanoseed Structure on the Growth orientation of Vertical Array ZnO Nanorods via Hydrothermal Process Sin Tee Tan, Akrajas Ali Umar, Muhammad Yahaya, Chi Chin Yap, Muhamad Mat Salleh UKM, Malaysia

N2011	<p>Analysis of LDMOS for Effect of Fingers, Device-Width and Inductance (Load) on Reverse Recovery</p> <p>Mohammed Sadique Anwar, Prima Sukma Permata, Md. Imran Siddiqui, Jung-Ruey Tsai, Shoa-Ming Yang, Gene Sheu.</p> <p>Asia University, Taiwan</p>
N2012	<p>Synthesis of Carbon Nanotubes from Palm Oil Precursor by Aerosol-Assisted Catalytic CVD method</p> <p>M. Maryam, A.B Suriani, M.S Shamsudin and M. Rusop</p> <p>Universiti Teknologi MARA, Malaysia</p>
N2018	<p>Shear Ram Height Characterization for Copper Wire Bond Shear Test</p> <p>Sauli. Z., Retnasamy, V.*, Shapri, A.H.M., Rahman, N.A.Z., Norhaimi, W.M.W., Taniselass, S. and Vairavan, R.</p> <p>Universiti Malaysia Perlis, Malaysia</p>
N2019	<p>Shear Ram Speed Characterization for Copper Wire Bond Shear Test</p> <p>Sauli. Z., Retnasamy, V.*, Shapri, A. H. M., Rahman, N. A. Z., Norhaimi, W.M.W., Taniselass, S. and Vairavan, R.</p> <p>Universiti Malaysia Perlis, Malaysia</p>
N2020	<p>Design, Simulation and Characterization of Moly Permalloy Based Electromagnetic Sensor</p> <p>Palianysamy, M., Raman, M., Mohyar, S. N., Norhaimi, W.M.W., Hatta, R.M., Sauli, Z.</p> <p>Universiti Malaysia Perlis, Malaysia</p>
N3006	<p>Abrasive wear mechanism in near-nano and microstructured WC-Cobalt coatings</p> <p>Mateen and T. I. Khan</p> <p>Institute of Space Technology, Pakistan</p>
N3008	<p>Density of ZnO Nanotip Array Controlled by ZnO Seed Layer</p> <p>Ming-Kwei Lee, Nai-Roug Cheng, Cho-Han Fan and Chih-Feng Yen</p> <p>National Sun Yat-sen University, Taiwan</p>
N3009	<p>Green Synthesis of Silver Nanoparticles Using Two Lichens Species: Parmotrema praesorediosum and Ramalina dumeticola</p> <p>Ropisah Mie, Mohd Wahid Samsudin, Laily B Din and Azizan Ahmad</p> <p>UNIVERSITI KEBANGSAAN MALAYSIA, MALAYSIA</p>
N3010	<p>Gold Nanoparticle Based Immunostrip Assay Method for Detection of Protein-A</p> <p>Ajit Zambre, Nripen Chanda, Sudhirdas Prayaga, Rosana Almudhafar, Raghuraman Kannan, Anandhi Upendran and Zahra Afrasiabi</p> <p>LINCOLN UNIVERSITY, USA</p>

N3011	Carrier Transport Enhancement in Bulk-Heterojunction Organic Photovoltaics with Boron or Nitrogen-doped Carbon Nanotubes Hyung Il Park, Ju Min Lee, Ji Sun Park, Kyung Eun Lee, Sang Ouk Kim Korea Advanced Institute of Science and Technology, Korea
N3015	Self-Assembly Nanofabrication via Mussel-Inspired Interfacial Engineering Young Joo Choi, Hyeong Min Jin, Bong Hoon Kim, Ju Young Kim and Sang Ouk Kim Korea Advanced Institute of Science and Technology, Korea
N3020	Effect of Micron Size Ni Particle Addition on Microstructure, Thermal and Mechanical Properties of Sn-9Zn Lead-free Solder Alloy Md. Muktedir Billah and Kazi Mohammad Shorowordi Bangladesh University of Engineering and Technology (BUET), Bangladesh
J009	An Efficient Leader Election Algorithm of Performance-Related Characteristics for Dynamic Networks Che-Cheng Chang and Jichiang Tsai National Chung Hsing University
J2002	Customers' Adoption Factors and Willingness to Pay for Home Energy Information Management System in Taiwan Jyh-Yih Hsu and Hai-Lun Yen National Chung-Hsing University, Taiwan
J2003	Open Source GIS-Based System for Displaying Data in Smart Grid Dao Viet Nga, Do Nguyet Quang, Chee Yung Xuen, Lai Lee Chee and Ong Hang See UNIVERSITI TENAGA NASIONAL
J2004	VISUALIZATION TECHNIQUES IN SMART GRID Dao Viet Nga, Do Nguyet Quang, Chee Yung Xuen, Lai Lee Chee and Ong Hang See UNIVERSITI TENAGA NASIONAL
<b>10:10-10:30</b>	<b>Coffee Break</b>
<b>10:30-12:30</b>	<b>SESSION – 6 (ICIKM 2012)</b> <b>@ <u>Banquet 1</u></b>
M0061	Enhancing Tourism Intermediaries with the Data Mining Process Tzu-Ching Lin TransWorld University
M0062	Comparison of Syntax Tree Visualization: Toward Malay Language (BM) Syntax Tree Yusnita binti Muhamad Noor and Zulikha binti Jamaludin Universiti Utara Malaysia

M0063	<p>Parser with Sentence Correction for Malay Language (BM)</p> <p>Yusnita binti Muhamad Noor and Zulikha binti Jamaludin</p> <p>Universiti Utara Malaysia</p>
M0065	<p>Focused Web Crawler</p> <p>Ayoub Mohamed H. Elyasir, Kalaiarasi Sonai Muthu Anbananthen</p> <p>Multimedia University (MMU)</p>
M0068	<p>Knowledge Graph Construction for Organizations utilizing Social and Concept Relationships</p> <p>Nuwan Samarasekera</p> <p>Virtusa (Pvt) Ltd.</p>
M0069	<p>Ensuring Data Privacy and Security in MANET: Case in Emergency Rescue Mission</p> <p>Asmidar Abu Bakar, Roslan Ismail, Abdul Rahim Ahmad, Jamalulail-Abdul Manan</p> <p>Universiti Tenaga Nasional (UNITEN)</p>
M0070	<p>A Systematic Literature Review on The Role of Usability in Software Engineering Education</p> <p>Naki Chiam, Masitah Ghazali</p> <p>Universiti Teknologi Malaysia</p>
M0071	<p>Applying Yellow Colour Markings as Low-level Security Watermarking of Grayscale Photocopied Documents</p> <p>HOONG-CHENG SOONG</p> <p>UNIVERSITI TUNKU ABDUL RAHMAN (UTAR)</p>
M0073	<p>A Systematic Literature Review of Accessibility and Usability Framework for Disabled Users</p> <p>Nuraini Hidayah Sulaiman and Masitah Ghazali</p> <p>Universiti Teknologi Malaysia</p>
M0076	<p>Study on Usability Interface in Mobility Device for Precision Farming</p> <p>Nuraini Hidayah Sulaiman and Masitah Ghazali</p> <p>Universiti Teknologi Malaysia</p>
M0077	<p>OPPORTUNITIES AND CHALLENGES OF USING KNOWLEDGE MANAGEMENT SYSTEMS TO AUTOMATICALLY COMPILE REUSABLE LEARNING OBJECTS INTO LEARNING MATERIALS</p> <p>ROGERS BHALALUSESA, ASSOCIATE PROF MUHAMMAD RAFIE</p>

	MOHD ARSHAD UNIVERSITI SAINS MALAYSIA
M0080	Face Recognition Application for Automatic Teller Machines (ATM) Hossein Reza Babaei, Ofentse Molalapata, Abdul-Hay Akbar Pandor Limkokwing University of Creative Technology
M0087	Systematic Literature Review of Missing Data Imputation Techniques for Effort Prediction Beatrice Andrew and Ali Selamat Universiti Teknologi Malaysia
M10007	Knowledge Sharing Barriers: An Integrated Approach of ISM and AHP M.D.Singh, B.P.Sharma and Alok kumar Motilal Nehru National Institute of Technology Allahabad - 211004, INDIA
M10008	Modeling the Knowledge Sharing Barriers using ISM approach M.D.Singh, B.P.Sharma and Neha Motilal Nehru National Institute of Technology Allahabad - 211004, INDIA
M10009	The Need for Effective Information Resources Provision and Utilization in Nigerian University Libraries: A case study of two Nigerian premier universities Kabiru Dahiru Abbas Bayero University, Kano
M20007	Ethical Risks Inhabited in Social Networking Sites: A Case Study on PatientslikeMe.com WEI WAN-CHU Graduate Program in Social Informatics, Yuan Ze University
M20008	Evaluation Criteria of Electronic Journals Indexed in Scientific Databases from End User's View: a Proposed Checklist Elahe Hosseini, Amir Ghaebi , Roya Baradar Alzahra University
M30010	Design and Rules Development of Online Children Skin Diseases Diagnosis System Munirah Mohd Yusof, Rozlini Mohamed, Chew Seng Fei Universiti Tun Hussein Onn Malaysia

**Lunch**

**12:30-13:30** Lunch buffet

**Concurrent Workshop**

SESSION – 7 (ICMET 2012) <u>@ Banquet 1</u>	
T0100	Adjusting the Transient Stability of Power System Using STATCOM- SMES Combined Compensator Jalil Ghahramani and Seyed Siavash Karimi Madahi Islamic Azad University, Ashtian Branch, Iran
T0103	Electronic Control Unit Design for a Retrofit Fuel Injection System of a 4-Stroke 1-cylinder Small Engine Mohd Taufiq Muslim, Hazlina Selamat, Ahmad Jais Alimin and Mohd Faisal Hushim Universiti Teknologi Malaysia
T0105	Extensive Tracking Performance Analysis of Classical feedback control for XY Stage ballscrew drive system L.Abdullah, Z.Jamaludin, Chiew T.H., N.A. Rafan and M.Y. Yuhazri Universiti Teknikal Malaysia Melaka (UTeM)
T0107	Influence of Rotation Speed on the Sterilization of a Steamed Liquid Food Can Using Numerical Simulation Jyh-Haw Tang and I-Chieh Chuang Chung Yuan Christian University, Taiwan
T0109	Hardware-in-the-loop Simulation for automatic rack and pinion steering system Mohd Zakaria Mohammad Nasir, Abdurahman Dwijotomo, Mohd Azman Abdullah, Muhammad Zahir Hassan and Khisbullah Hudha Universiti Teknikal Malaysia Melaka
T0113	Simulation of mixed convection around a square by using LBM A. Safdari, E. P. kermani and C. S. Nor. Azwadi Universiti Teknologi Malaysia
T0116	Ladder Logic Diagram Development for Programmable Logic Controllers via S-Method Lim Chin Yong, Nordin Saad, Adrien Muhammad Idris and Ahmad Hazwan Syahmi Universiti Teknologi PETRONAS, Malaysia
T0118	Finite Element Analysis of Curvature Precast Polymer Panel for Temporary Support of Tunnels M. Khalajmasoumi, S. S. R. Koloor, A. Arefnia,

	I. S. Ibrahim and J. Mohd Yatim Universiti Teknologi Malaysia
T0119	Hyperelastic Analysis of High Density Polyethylene under Monotonic Compressive Load M. Khalajmasoumi, S. S. R. Koor, A. Arefnia, I. S. Ibrahim and J. Mohd Yatim Universiti Teknologi Malaysia
T0120	Explicit Dynamic Simulation of High Density Polyethylene Beam under Flexural Loading Condition M. Khalajmasoumi, S. S. R. Koor, A. Arefnia, I. S. Ibrahim and J. Mohd Yatim Universiti Teknologi Malaysia
T0121	Effect of Strain Rate Upsetting Process on Mechanical Behaviour of Epoxy Polymer S.S.R. Koor, Behzad Abdi, M. R. Abdullah, Amran Ayob and Mohd Yazid bin Yahya Universiti Teknologi Malaysia (UTM)
T0123	Effect of Strain-Rate on Flexural Behavior of Composite Sandwich Panel Behzad Abdi, S.S.R. Koor, M. R. Abdullah, Amran Ayob and Mohd Yazid bin Yahya Universiti Teknologi Malaysia (UTM)
T0124	Experimental Study on the Hydrodynamics of Swirling Fluidized Bed Jia Jun Goo, Vijay R. Raghavan and Yee Sing Chin Universiti Teknologi PETRONAS, Malaysia
T10010	A Review of Acoustic Emission Technique for Machinery Condition Monitoring: Defects Detection & Diagnostic Salah M. Ali Al-Obaidi, M. Salman Leong, R. I. Raja Hamzah and Ahd. M. Abdelrhman University Technology Malaysia
T10015	Aero-Thermal Performance of Purge Flow in Turbine Cascade Endwall Cooling W Ghopa Wan Aizon and Ken-ichi Funazaki University of Iwate, Japan
T20004	Producing Power Using Stirling Engines by Tapping Heat From the



15:30-15:50

13:50-18:00

	Condenser of Power Plants Nitin Sharma, Aman Goel, Avishek Ghosh and Abhimanyu Kohli SRM University, Kattanakulathur, India
	<b>Coffee Break</b>
	<b>SESSION – 8 (ICMET 2012) @ <i>Banquet 1</i></b>
T20008	Mathematical Modeling of Industrial Heat Exchanger System Abdulrahman A.A.Emhemed, Rosbi Bin Mamat and Dirman Hanafi Faculty of Electrical Engineering - Universiti Teknologi Malaysia
T20021	A Review of Vibration Monitoring as a Diagnostic Tool for Turbine Blade Faults Ahd. M. Abdelrhman, M. Salman Leong, Somia Alfatih M. Saeed and Salah M. Ali Al-Obiadi University Technology Malaysia (UTM)
T20022	Audio Watermarking Based on Wavelet Transform Mahmoud A. Osman and Nasser H. Ali Tripoli University, Libya
T20023	Tracking Using An Inertial Measurement Unit (IMU) and GPS Hussein M. Magboub, Mohamed A. Msallem, Nasser Ali Tripoli University, Libya
T20026	Theoretical Analysis of Friction Compensation Using Sliding Mode Control Rafan. N. A, Jamaludin. Z, Tjahjowidodo. T, Chey. L. S. and Chiew. T.H Universiti Teknikal Malaysia Melaka
T30014	Attendance System Based On Biometric Security S.Danishkumar and R.S.Sanmathipriya K.C.G college of technology, India
T40003	A Review on Fault Tolerant Control for Flexible Manipulator System Siti Fadilah Abd Latip, Abdul Rashid Bin Husain, Amira Sarayati and Shahrul Hamzah Abdul Razak Universiti Teknologi Malaysia
T40004	Case-Based Expert System to Support Electronics Design in Mechatronic System Samir El-Nakla Prince Mohammad Bin Fahd University – Saudi Arabia

T40012	<p>Experimental and numerical study of the energy absorbed with various thickness of thin rectangular and square sections</p> <p>Sajjad Dehghanpour and Sobhan Dehghanpour</p> <p>Toyserkan branch, Islamic Azad University, Toyserkan, Iran</p>
T40019	<p>High speed experimental study of friction induced vibration in disc brakes.</p> <p>Magaswaran. K., Phuman Singh. A. S. and Hassan. M. Z.</p> <p>Universiti Teknikal Malaysia Melaka</p>
T40023	<p>Study of Synthesis of G-Valerolactone-based Polyurethanes</p> <p>M. Chalid, H.J. Heeres and A. A. Broekhuis</p> <p>Universitas Indonesia</p>
T40024	<p>Development of Antilock Braking System based on Various Intelligent Control System</p> <p>Vimal Rau Aparow, Fauzi Ahmad, Muhammad Zahir Hassan and Khisbullah Hudha</p> <p>Universiti Teknikal Malaysia Melaka</p>
T40028	<p>Mazdak Technique for PSNR Estimation in Audio Steganography</p> <p>MAZDAK Zamani, AZIZAH Bt Abdul Manaf, SHAHIDAN M. Abdullah and SAMAN Shojae Chaeikar</p> <p>Universiti Teknologi Malaysia</p>
T40029	<p>Dynamic Monitoring in Ad hoc Network</p> <p>SHOHREH Honarbakhsh, MAZDAK Zamani and ROZA Honarbakhsh</p> <p>Universiti Teknologi Malaysia</p>
T40030	<p>UAV Collision Detection Algorithm Design Based On Circle Overlapping Test</p> <p>N. F. M. Radzi and M. Mubin, N. A.</p> <p>University of Malaya Rahim and N. Mokhtar</p>
T40031	<p>Behavior of pulverized coal combustion in air and in O<sub>2</sub>/CO<sub>2</sub> condition</p> <p>Cahyadi, Adi Surjosatyo and Yulianto S. Nugroho</p> <p>University of Indonesia, Mechanical Engineering Department</p>

# *Instructions for Oral Presentations*

## **Devices Provided by the Conference Organizer:**

Laptops (with MS-Office & Adobe Reader)

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## **Materials Provided by the Presenters:**

PowerPoint or PDF files

Duration of each Presentation (Tentatively):

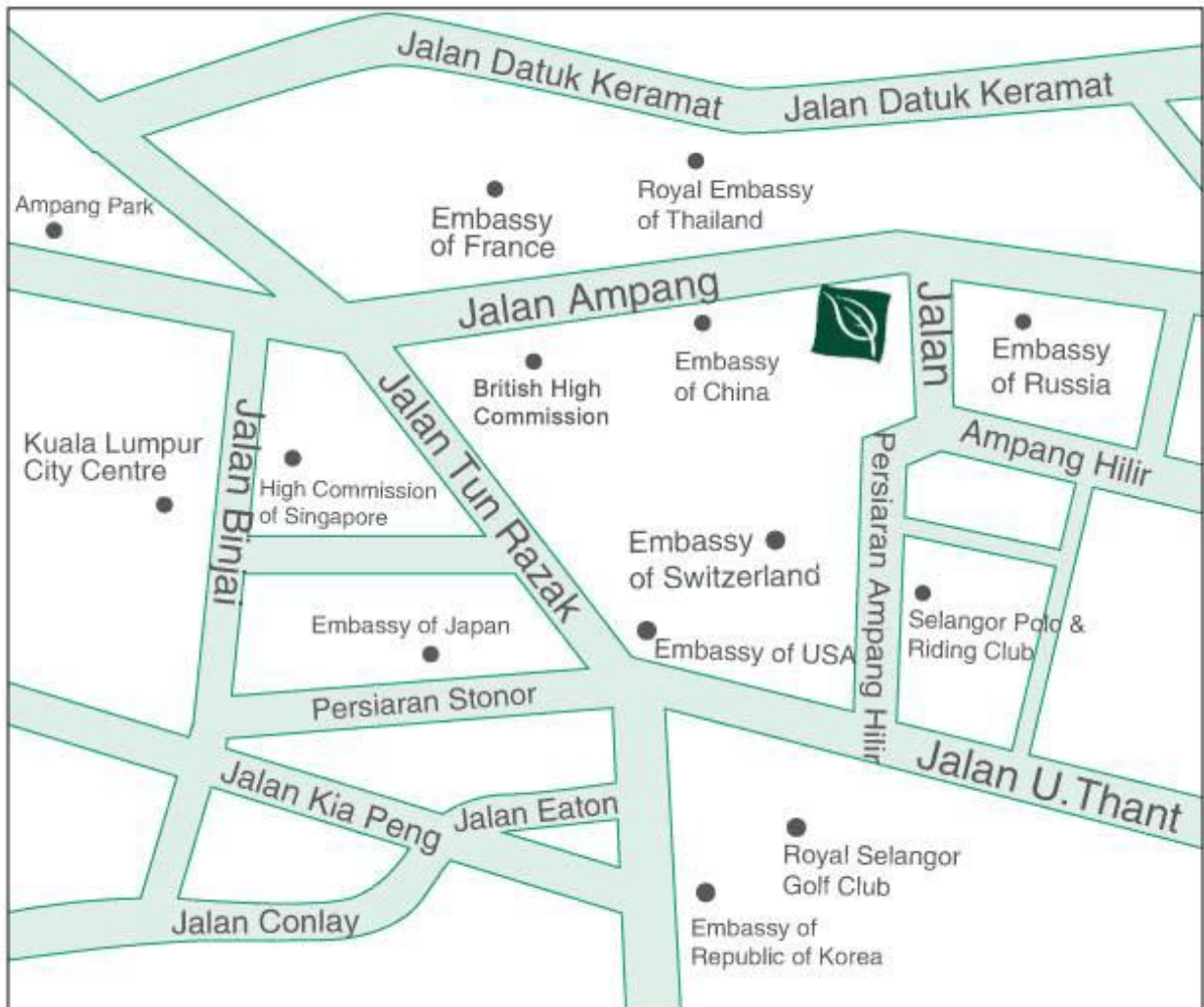
Regular Oral Session: 8-12 Minutes of Presentation

Keynote Speech: 40 Minutes of Presentation, 5 Minutes of Q&A

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26-27 Oct.: <a href="#">ICCEE 2012</a>	2012 5th International Conference on Computer and Electrical Engineering	Hong Kong	August 5, 2012
26-27 Oct.: <a href="#">ICDLE 2012</a>	2012 6th International Conference on Distance Learning and Education	Hong Kong	Aug. 20, 2012
26-27 Oct.: <a href="#">ICICM 2012</a>	2012 2nd International Conference on Information Communication and Management	Hong Kong	Aug. 20, 2012
<b>November 2012</b>			
3-4 Nov.: <a href="#">ICMENS 2012</a>	2012 8th International Conference on MEMS, NANO, and Smart Systems	Shenzhen, China	Aug. 20, 2012
3-4 Nov.: <a href="#">ICNMS 2012</a>	2012 International Conference on Nano and Materials Science	Shenzhen, China	Aug. 30, 2012
3-4 Nov.: <a href="#">ICESM 2012</a>	2012 International Conference on Embedded System and Manufacturing	Shenzhen, China	Sep. 1, 2012
<b>December 2012</b>			
21-22 Dec.: <a href="#">ICSPS 2012</a>	2012 4th International Conference on Signal Processing Systems	Kuala Lumpur, Malaysia	Aug.10, 2012
21-22 Dec.: <a href="#">ICSCT 2012</a>	2012 International Conference on Software and Computer Technology	Kuala Lumpur, Malaysia	Aug.15, 2012
21-22 Dec.: <a href="#">ICIMT 2012</a>	2012 International Conference on Innovation and Multimedia Technology	Kuala Lumpur, Malaysia	Aug.20, 2012