

2012 IEEE Symposium on Business, Engineering and Industrial Applications

(ISBEIA 2012)

**Bandung, Indonesia
23 – 26 September 2012**



**IEEE Catalog Number: CFP1216R-PRT
ISBN: 978-1-4577-1632-4**

Monday, September 24

Session : D21(Electrical Engineering 1)

Room :Ballroom I

Chairs:Oskar Hasdinor Hassan (Universiti Teknologi MARA, Malaysia), Mukhzeer Mohamad Shahimin (University Malaysia Perlis, Malaysia)

08:40 A Characterization of Watermelon Leaf Diseases using Fuzzy Logic

Noor Ezan Abdullah (Universiti Teknologi Mara, Malaysia); Hadzli Hashim (Universiti Teknologi MARA, Malaysia); Yuslinda Wati Mohamad Yusof (Universiti Teknologi MARA, Malaysia); Fairul Nazmie Osman (Universiti Teknologi MARA, Malaysia); Aida Sulinda Kusim (Universiti Teknologi Mara, Malaysia); Mohd Shukhry Adam Amin (Universiti Teknologi Mara, Malaysia)

09:00 Controlled AC-DC Converter Fed Permanent Magnet Motor using Single-Phase Matrix Converter

Rahimi Baharom (Universiti Teknologi MARA, Malaysia); Anuar Idris (Universiti Teknologi MARA, Malaysia); Mustafar Kamal Hamzah (Universiti Teknologi MARA, Malaysia); Ngah Ramzi Hamzah (Universiti Teknologi Mara, Malaysia)

09:20 First Principles Calculation on Elastic, Electronic and Optical Properties of New Cubic (Pm3m) Pb-free Perovskite Oxide of SnZrO3

Mohamad Fariz Mohamad Taib (Universiti Teknologi Mara, Malaysia); Muhd Zu Azhan Yahya (National Defence University of Malaysia, Malaysia); Oskar Hasdinor Hassan (Faculty of Arts and Design, Universiti Teknologi Mara, Malaysia); Muhamad Kamil Yaakob (Universiti Teknologi Mara, Malaysia); Abdul Kariem Arof (University of Malaya, Malaysia); Amreesh Chandra (Indian Institute of Technology, Kharagpur, India)

09:40 Dielectric Constant of PVDF/MgO Nanocomposites Thin Films

Rozana Bt Mohd Dahan Mohd Dahan (Faculty of Applied Sciences & University Technology MARA, Malaysia); Adillah Nurashikin Arshad (Faculty of Applied Sciences & NANO-ElecTronic Centre, Faculty of Electrical ENgineering, Malaysia); Mohamad Hafiz Mohd. Wahid (Faculty of Applied Sciences, Universiti Teknologi MARA, Shah Alam. & NANO-ElecTronic Centre (NET), Malaysia); Habibah Zulkefle (Universiti Teknologi MARA, Malaysia); Lyly Nyl Ismail (University Teknologi MARA Pulau Pinang, Malaysia); Muhamad Naiman Sarip (Faculty of Applied Sciences, Malaysia); Mohamad Rusop (Universiti Teknologi MARA - UiTM & NANO-SciTech Centre / NANO-ElecTronic Centre, Malaysia)

10:00 Electroluminescence of Porous Silicon Nanostructures with Optimum Current Density of Photo-Electrochemical Anodisation

Maslihan Ain Zubaidah (Universiti Teknologi MARA Malaysia, Malaysia); Noor Asnida Asli (NANO-SciTech, Institute Of Science, Universiti Teknologi MARA, MALAYSIA, Malaysia); Mohamad Rusop (Universiti Teknologi MARA - UiTM & NANO-SciTech Centre / NANO-ElecTronic Centre, Malaysia); Saifollah Abdullah (Universiti Teknologi MARA Malaysia, Malaysia)

10:20 Surface Structural Variations of Nanostructured Porous Silicon Template Formed Electrochemically of Current Density Parameter

Noor Asnida Asli (NANO-SciTech, Institute Of Science, Universiti Teknologi MARA, MALAYSIA, Malaysia); Shamsul Faez Mohd Yusop (UiTM, Malaysia); Maslihan Ain Zubaidah (Universiti Teknologi MARA Malaysia, Malaysia); Khairunnadim Ahmad Sekak (Universiti Teknologi MARA Malaysia, Malaysia); Suriani Abu Bakar (Universiti Pendidikan Sultan Idris, Malaysia); Mohamad Rusop (Universiti Teknologi MARA - UiTM & NANO-SciTech Centre / NANO-ElecTronic Centre, Malaysia); Saifollah Abdullah (Universiti Teknologi MARA Malaysia, Malaysia)

10:40 Tea Break

11:00 Design of Broadband Bandpass Cascaded Single-Stage Distributed Amplifier in 0.13 CMOS Technology for UWB Applications

Iman Beheshti (Eastern Mediterranean University, Cyprus); Sener Uysal (Prof, Cyprus); Farnaz Farokhiyan (STU, Cyprus); Fariba Beiramzadeh Azar (Eastern Mediterranean University, USA)

11:20 *The Study of GaN PN-Junction Grown on Si Substrate by MBE with Ni/Ag as Ohmic Contact*

Mohd Zaki Mohd Yusoff (Universiti Teknologi MARA Pulau Pinang & UiTM, Malaysia); Zainuriah Hassan (Universiti Sains Malaysia, Malaysia)

11:40 *The Exposure of Radio Frequency (RF) Radiation on Pharmaceuticals Medicine for RF Application*

Mohd Azlishah Othman (University of Nottingham & Photonic and RF Engineering Group, United Kingdom); Mohamad Zoinol Abidin Bin Abd Aziz (Universiti Teknikal Malaysia Melaka & Hang Tuah Jaya, Malaysia); Mohan Sinnappa (Universiti Teknikal Malaysia Melaka, Malaysia)

12:00 *Simple Distributed Brillouin Scattering Modeling for Temperature and Strain Sensing*

Syamimi Azizan (Universiti Malaysia Perlis, Malaysia); Mukhzeer Mohamad Shahimin (University Malaysia Perlis, Malaysia); Sohiful Anuar Bin Zainol Murad (Universiti Malaysia Perlis, Malaysia)

12:20 *Dielectric Properties of Bulk TiO₂ Nanowires Prepared by Hydrothermal Method*

Asiah Mohd Nor (Universiti Teknologi MARA, Malaysia); Mohamad Hafiz Mamat (Universiti Teknologi MARA, Malaysia); Zuraida Khusaimi (Universiti Teknologi MARA, Malaysia); Saifollah Abdullah (Universiti Teknologi MARA, Malaysia); Mohamad Rusop (Universiti Teknologi MARA - UiTM & NANO-SciTech Centre / NANO-ElecTronic Centre, Malaysia)

12:40 *Preparation and Characterization of Li_{1.4}Al_{0.4}Ti_{1.6}(PO₄)₃ Conducting Electrolyte*

Maziidah Hamidi (Universiti Teknologi MARA, Malaysia); Ab Malik Marwan Bin Ali (Universiti Teknologi MARA, Malaysia)

Session : E21 (Management and Humanities 1)

Room : Ballroom II

Chairs: Norliya Ahmad Kassim (Universiti Teknologi MARA, Malaysia), Nor Hashima Hashim (University Technology MARA, Malaysia)

08:40 *Corporate Governance and Tax Compliance: A Study on Small Medium Enterprises (SMEs) in Malaysia*

Siti Marlia Shamsudin (University Technology Mara & UiTM, Malaysia); Rohaya Md. Noor (MARA University of Technology, Malaysia)

09:00 *Tax Reporting for Non-Profit Organizations (NPOs) in Malaysia*

Siti Hirdayu Mohd Radzi (Universiti Teknologi MARA, Malaysia); Rohaya Md. Noor (MARA University of Technology, Malaysia)

09:20 *The Impact of Pyramid Structure Towards Corporate Value Among Malaysian Firms*

Irfah Najih Basir Malan (Faculty of Business Management, Malaysia); Norhana Salamudin (Faculty of Business Management, Universiti Teknologi MARA, Malaysia); Noryati Ahmad (Universiti Teknologi MARA & Faculty of Business Management, Malaysia)

09:40 *International Trade Competitiveness of Emerging ASEAN5+4 Countries*

Catherine S F Ho (Universiti Teknologi MARA, Malaysia)

10:00 *The Development of Four-Partite Integration Ethics Scale*

Khalizani Khalid (Universiti Teknologi MARA (PERAK), Malaysia); Syed Omar Syed Agil (Universiti Tun Abdul Razak, Malaysia); Maznah Wan Omar (Universiti Teknologi MARA Kedah, Malaysia); Siew Phaik Loke (Universiti Teknologi MARA (PERAK), Malaysia)

10:20 *Financial Reporting Risk Assessment and Audit Pricing*

Halil Paino (Universiti Teknologi MARA, Malaysia); Wan Mardiyatul Miza Wan Tahir (UiTM, Malaysia)

10:40 Tea Break

11:00 *When is import competition detrimental to worker? An application of TAR model*

Yudhi Dharma Naully (Ritsumeikan Asia Pacific University, Japan)

11:20 Intercultural Communication in Asynchronous Discourse: The Malaysian Experience

Xavier Thayalan (Universiti Teknologi MARA, Malaysia); Alice Shanthi (UiTM Sabah, Malaysia); Nalini Arumugam (Universiti Teknologi MARA, Shah Alam, Malaysia)

11:40 Determinants of Employment Mobility Trend Among Malaysian Young Talents

Fadilah Puteh (Universiti Teknologi MARA, Malaysia)

12:00

Nor Hashima Hashim (University Technology MARA, Malaysia); Wan Kalthom Yahya (Universiti Teknologi MARA, Malaysia); Zuraidah Ramly (UiTM, Malaysia); Siti aishah Mohamad (UiTM, Malaysia)

12:20 Translation of Accounting Processes in Organisational Transformation

Mahpudzah Mohamad (Universiti Teknologi MARA, Malaysia); Nor'Azam Mastuki Mastuki (Universiti Teknologi MARA, Malaysia)

12:40 Enhancing e-Book Selection Practices in Malaysian Academic Libraries

Che Zainab Abdullah (University Technology MARA (UiTM), Malaysia); Norliya Ahmad Kassim (Universiti Teknologi MARA, Malaysia)

Session : F21 (Lifescience & Medical Applications 1)

Room :Ballroom III

Chairs :Mohd Nazip Suratman (Universiti Teknologi MARA, Malaysia), Siti Azma Jusoh (Universiti Teknologi MARA Malaysia & Faculty of Pharmacy, Malaysia)

08:40 Gelatin-Coated Zeolite Y For Controlled Release of Anticancer Drug (Zerumbone)

Umi Sarah Jais (Universiti Teknologi MARA, Malaysia); Norashikin Salleh (Ms., Malaysia); Siti Halimah Sarijo (Universiti Teknologi Mara, Malaysia)

09:00 Antimicrobial Activity of Malaysian Honey on Selected Bacterial in Gut Flora

Siti Aisyah Sayadi (Universiti Teknologi Mara & Fakulti Farmasi, Malaysia)

09:20 A Validated High-Performance Liquid Chromatographic Method for the Determination of Levodopa in Rat Plasma & Its Application in Pharmacokinetic Studies

Khuriah Abdul Hamid (Universiti Teknologi MARA, Malaysia); Mohd Zulhelmy Ahmad (Mara University of Technology, Malaysia)

09:40 Physicochemical Properties and Pharmacokinetic Profile of Selected Malaysian Honey

Khuriah Abdul Hamid (Universiti Teknologi MARA, Malaysia); Mohd Hafiz Mohd Jaafar (UiTM Puncak Alam, Malaysia)

10:00 Viability and Growth of Cancer Cell Lines in Different Cell Culture Flasks

Nurul Afiqah Mohamad Azhar (Universiti Teknologi MARA, Malaysia); Wan Iryani Wan Ismail (Universiti Teknologi MARA, Malaysia)

10:20 Dipterothecaceae: Survival Amidst Degradation

Mohd Mustaffa (Universiti Teknologi MARA & (UITM), Malaysia); Mohd Nazip Suratman (Universiti Teknologi MARA, Malaysia); Nurun Nadhirah Md Isa (UiTM Pahang & Faculty of Applied Sciences, Malaysia)

10:40 Tea Break

11:00 Conservation of Endangered Species: In the Case of Shorea Macrantha

Liliwirianis Nawi (Universiti Teknologi Mara, Malaysia); Mohd Nazip Suratman (Universiti Teknologi MARA, Malaysia); Hasyimah Abdul Rahim (Universiti Teknologi Mara, Malaysia)

11:20 Anthropogenic Impacts on Forest Regeneration: Challenges and the Way Forward

Guftrin Amlin (Universiti Teknologi MARA, Malaysia); Mohd Nazip Suratman (Universiti Teknologi MARA,

Malaysia); Nurun Nadhirah Md Isa (UiTM Pahang & Faculty of Applied Sciences, Malaysia)

11:40 Multi Temporal Landsat TM for Monitoring Mangrove Changes in Pulau Indah, Malaysia

Mohd Nazip Suratman (Universiti Teknologi MARA, Malaysia); Surayahana Ahmad (Universiti Teknologi MARA, Malaysia)

12:00 Avian Communities From Differentially Disturbed Riparian Forest Along the Tembeling River, Taman Negara Pahang, Malaysia

Md Nasir Saad (Faculty of Applied Sciences, Universiti Teknologi MARA & Center for Biodiversity and Sustainable Development, Malaysia); Harinder Rai Singh (Faculty of Applied Sciences, Malaysia); Mohd Salleh Daim (Universiti Teknologi MARA, Malaysia)

12:20 An Assessment of the Distribution of the Freshwater Fishes of the Keniam River, Taman Negara Pahang, Malaysia

Mohd Azham Yahya (University of Technology MARA & Center for Biodiversity and Sustainable Development, Malaysia); Harinder Singh (Center for Biodiversity and Sustainable Development, Malaysia)

12:40 Incorporating Agroforestry Practices in Karas (*Aquilaria Malaccensis*) Plantations in Malaysia

Nurul Ain Noor Rahman (Universiti Teknologi MARA, Malaysia); Mohd Nazip Suratman (Universiti Teknologi MARA, Malaysia); Ab. Rasip Ab. Ghani (Biotropics Malaysia Berhad, Malaysia); Tsan Fui Ying (Universiti Teknologi MARA, Malaysia)

Session : X21(Engineering Sciences)

Room :X Room

Chairs: Janmaizatulriah Jani (Universiti Teknologi MARA, Malaysia), Masdi Muhammad (Universiti Teknologi Petronas, Malaysia)

08:40 Assessment of physical properties and chemical composition of kuala perlis dredged marine sediment as a potential brick material

Wan Safizah Wan Salim (Universiti Teknologi Mara (PERLIS), Malaysia); Siti Fatimah Sadikon (Universiti Teknologi Mara (PERLIS), Malaysia); Samsuri Mohd Salleh (Universiti Teknologi Mara (PERLIS), Malaysia); Nur Asmaliza Mohd Noor (Universiti Teknologi Mara (PAHANG), Malaysia); Mohd Fadzil Arshad (Universiti Teknologi Mara, Malaysia); Norlizan Wahid (Universiti Teknologi Mara (P. Pinang), Malaysia)

09:00 GIS as a tool for modelling groundwater flow

Janmaizatulriah Jani (Universiti Teknologi MARA, Malaysia)

09:20 Polyester/Kenaf Composite; Effect of Matrix Modification

Noor Najmi Bonnia (Universiti Teknologi MARA, Malaysia); Mohd Muzamir Mahat (Universiti Teknologi MARA Shah Alam, Malaysia); Siti Norasmah Surip (Universiti Teknologi MARA, Malaysia); Hazleen Anuar (Kulliyyah of Engineering & International Islamic University Malaysia, Malaysia); Noor Azlina Hassan (International Islamic University Malaysia, Malaysia); Sahrim Ahmad (Universiti Kebangsaan Malaysia, Malaysia)

09:40 Entomofaunal Diversity of Hymenoptera in FELDA Besout 6 Oil Palm Plantation

Siti Khairiyah Mohd Hatta (Universiti Teknologi MARA, Malaysia); Fauziah Ismail (Universiti Teknologi MARA, Malaysia); Mohd Hanysyam Mohd Nordin (Universiti Teknologi MARA, Malaysia); Nurul Zfarina Mohd Zaid (Universiti Teknologi MARA, Malaysia)

10:00 Screening and Isolation of Amylolytic Thermophiles From Hulu Langat Hot Spring, Selangor

Norashirene Mohamad Jamil (Universiti Teknologi MARA, Malaysia); Ahmad Amin Abdullah (Universiti Teknologi MARA, Malaysia); Nurul Sharina Mohamad Rosli (Universiti Teknologi MARA, Malaysia); Nurul Fithriah Md Amin (Universiti Teknologi MARA, Malaysia)

10:20 Influence of Annealing Temperature on TiO₂ Nanotube Surface Morphology and Structural Morphology

Nur Aimi Jani (Universiti Teknologi Mara & Faculty of Applied Sciences, Malaysia); Mohd Muzamir Mahat

(Universiti Teknologi MARA Shah Alam, Malaysia); Saifollah Abdullah (Universiti Teknologi MARA Malaysia, Malaysia)

10:40 Tea Break

11:00 *Azadirachta Excelsa as Green Corrosion Inhibitor for Mild Steel in Acidic Medium*

Mohd Muzamir Mahat (Universiti Teknologi MARA Shah Alam, Malaysia); Nur Aimi Jani (Universiti Teknologi Mara & Faculty of Applied Sciences, Malaysia); Noor Najmi Bonnia (Universiti Teknologi MARA, Malaysia); Mohd Shukri Kamarudin (UiTM Shah Alam, Malaysia); Nor Juliayana Isa (UiTm Shah Alam, Malaysia)

11:20 *Blowfly, Chrysomya Megacephala as an Alternative Specimen in Determination of Gunshot Residue*

Rumiza Abd. Rashid (Universiti Teknologi MARA, Malaysia)

11:40 *The Mapping on Standards Capability and Response to Standards Issues: A Multiple Case Study in Manufacturing Firm-Indonesia*

Bambang Purwanggono (Diponegoro University, Indonesia); Arfan Bakhtiar (Technical University of Berlin-Germany & Diponegoro University-Indonesia, Germany); Aries Susanty (Diponegoro University, Germany); Nia Budi Puspitasari (Diponegoro University, Indonesia)

12:00 *Reliability Assessment Framework for Repairable System*

Masdi Muhammad (Universiti Teknologi Petronas, Malaysia); Ainul Akmar Mokhtar (Universiti Teknologi Petronas, Malaysia); Hilmi Hussin (Universiti Teknologi PETRONAS, Malaysia)

12:20 *Marangoni Convection in a Micropolar Fluid with Feedback Control*

Nurul Hafizah Zainal Abidin (Universiti Teknologi MARA, Malaysia)

12:40 *Radiation -induced graft copolymerization base polymer electrolytes*

Nor Kartini Jaafar (Universiti Teknologi Mara, Malaysia); Ab Malik Marwan Bin Ali (Universiti Teknologi MARA, Malaysia); Muhd Zu Azhan Yahya (National Defence University of Malaysia, Malaysia)

13:00 - 14:00 Lunch Break

14:00 - 17:00 Excursion to Tangkuban Perahu

20:00 - 22:30 Gala Dinner

Tuesday, September 25

Session : D31(Information Science & Computer Applications)

Room :Ballroom I

Chairs :Chandra Reka Ramachandiran (Taylors University, Malaysia), Norizan Anwar (Universiti Teknologi MARA, Malaysia)

08:40 *Development of Codes with Non Zero In Phase Cross Correlation Code for SAC OCDMA Systems*

Mohd Rashidi Che Beson (Universiti Malaysia Perlis, Malaysia); Syed Alwee Aljunid (Universiti Malaysia Perlis, Malaysia); Farid Ghani (Universiti Malaysia Perlis, Malaysia); Anuar Mat Safar (Universiti Malaysia Perlis (UniMAP), Malaysia)

09:00 *Performance of Non Zero in Phase Cross Correlation Code for SAC Optical CDMA Network*

Mohd Rashidi Che Beson (Universiti Malaysia Perlis, Malaysia); Syed Alwee Aljunid (Universiti Malaysia Perlis, Malaysia); Anuar Mat Safar (Universiti Malaysia Perlis (UniMAP), Malaysia); Hilal Adnan Fadhil (UniMAP, Malaysia); Farid Ghani (Universiti Malaysia Perlis, Malaysia)

09:20 *Green ICT Practices Among Tertiary Students: A Case Study*

Chandra Reka Ramachandiran (Taylors University, Malaysia)

09:40 *Evaluating Digital Reference Service in University Libraries*

Siti Khairiyah Nordin (Universiti Teknologi MARA, Malaysia); Norliya Ahmad Kassim (Universiti Teknologi MARA, Malaysia); Kasmarini Baharuddin (Universiti Teknologi MARA, Kampus Puncak Perdana, Malaysia)

10:00 *Installation and Use of Pirated Software: The Factors Behind of It*

Norizan Anwar (Universiti Teknologi MARA, Malaysia); Farrah Diana Saiful Bahry (Universiti Teknologi MARA, Malaysia); Noraizan Amran (Universiti Teknologi MARA, Malaysia)

10:20 *Impact of ICT on Society - Higher Education Students*

Ashok Kumar Veerasamy (RMIT International University, Vietnam); Anthony de Souza-Daw (RMIT International University Vietnam & Hanoi University of Technology, Vietnam)

10:40 Tea Break

11:00 *Evaluation of Computer Network Quality of Service Using Neural Networks*

Aboagela Dogman (Sheffield Hallam University, United Kingdom); Reza Saatchi (Sheffield Hallam University, United Kingdom); Samir Al-Khayatt (Sheffield Hallam University, United Kingdom)

11:20 *Visitor Management System by Applying the Model of UTAUT*

Norizan Anwar (Universiti Teknologi MARA, Malaysia); Mohamad Noorman Masrek (Universiti Teknologi MARA, Malaysia); Yanty Rahayu Rambli (Universiti Teknologi MARA, Malaysia)

11:40 *Predicting Intended to Use of Web Portal Using Extended Technology Acceptance Model (TAM)*

Farrah Diana Saiful Bahry (Universiti Teknologi MARA, Malaysia); Norizan Anwar (Universiti Teknologi MARA, Malaysia); Noraizan Amran (Universiti Teknologi MARA, Malaysia)

12:00 *Effect of Ultrasonic Irradiation Time on ZnO Nanostructures Prepared by Solution-Immersion Method*

Azlinda Aziz (Universiti Teknologi MARA & NANO-SciTech Centre, Malaysia); Zuraida Khusaimi (Universiti Teknologi MARA, Malaysia); Ruziana Mohamed (University of Technology MARA Pahang, Malaysia); Mohamad Rusop (Universiti Teknologi MARA - UiTM & NANO-SciTech Centre / NANO-ElecTronic Centre, Malaysia)

Session : E31(Management and Humanities 2)

Room : Ballroom II

Chair : Wan Adibah Wan Ismail (Universiti Teknologi Mara, Malaysia)

08:40 *Exploring Corporate Social Responsibility Among SMEs in Malaysia*

Herwina Rosnan (Universiti Teknologi MARA, Malaysia); Zarith Abd Aziz (Universiti Teknologi MARA, Malaysia)

09:00 *Corporate Governance Quality and Ownership Concentration Type - Evidence From Malaysia*

Nor Ashikin Ismail (MARA University of Technology, Malaysia); Philip Sinnadurai (University of Macquarie, Australia)

09:20 *Quality Management Effectiveness in Malaysia: A Conceptual Model for Electronics Manufacturing Services Industry*

Nasuha Lee Abdullah (Universiti Sains Malaysia, Malaysia); Khairur Rijal Jamaludin (Universiti Teknologi Malaysia, Malaysia); Hayati Abdul Talib (Universiti Teknologi Malaysia, Malaysia)

09:40 *Family Firms and Audit Risks: The Role of Audit Committee Financial Expertise*

Wan Adibah Wan Ismail (Universiti Teknologi Mara, Malaysia); Khairul Anuar Kamarudin (Universiti Teknologi MARA, Malaysia)

10:00 *The Change of Auditors in Businesses and Earnings Conservatism*

Khairul Anuar Kamarudin (Universiti Teknologi MARA, Malaysia); Wan Adibah Wan Ismail (Universiti Teknologi Mara, Malaysia)

10:20 *Organizational Culture and Teamwork Cooperation as Determinants of Organizational Learning Capabilities (OLC) in Academic Library*

Mohd Shamsul Mohd Shoid (Universiti Teknologi Mara, Shah Alam, Selangor, Malaysia); Norliya Ahmad Kassim (Universiti Teknologi MARA, Malaysia)

10:40 Tea Break

11:00 *Governance Oversight Roles on the Voluntary Disclosure of Internal Control Systems and Its Impact on Firms Performance of Malaysian Initial Public Offerings (IPOs)*

Maslinawati Mohamad (Universiti Teknologi MARA & Shah Alam, Selangor, Malaysia); Noor Ayuernie Ibrahim (Universiti Teknologi MARA, Malaysia)

11:20 *Whistle Blowing Intention in Relation to Perceived Organizational Support, Attitude to Whistle Blow, Channel of Communication among Public Servant*

Nur Zafifa Kamaruzaman (Universiti Teknologi MARA, Malaysia); Azlyn Zawawi (Universiti Teknologi MARA & Kedah, Malaysia); Zaliha Hj. Hussin (Universiti Teknologi Mara Kedah, Malaysia); James Campbell (Deakin University, Australia)

11:40 *Imports and Institutional Risks Nexus*

Noor Zahirah Mohd Sidek (Universiti Teknologi MARA, Malaysia); Azlina Hanif (Universiti Teknologi MARA, Malaysia)

12:00 *Text Readability and Fraud Detection*

Intan Waheedah Othman (Universiti Teknologi MARA, Malaysia); Hazlina Hasan (Universiti Teknologi MARA, Malaysia); Roszana Tapsir (Universiti Teknologi MARA, Malaysia); Norhafizah Abdul Rahman (Universiti Teknologi MARA, Malaysia); Indarawati Tarmuji (Universiti Teknologi MARA, Malaysia); Suria Majdi (Universiti Teknologi MARA & Faculty of Accountancy, Malaysia); Seri Ayu Masuri (Universiti Teknologi MARA, Malaysia); Normah Omar (Universiti Teknologi MARA & Accounting Research Institute, Malaysia)

12:20 *Information Richness in Organizational Mix Mediated Communication: Coordination Across Region*

Astri Yogatama (Petra Christian University, Indonesia)

12:40 *Gender Comparison Between Financial Independence and Retirement Readiness Among Malaysian Public Employees*

Fadilah Puteh (Universiti Teknologi MARA, Malaysia); Jeniwaty Mohd Jody (Universiti Teknologi MARA, Malaysia)

Session : F31(Lifescience & Medical Applications 2)

Room :Ballroom III

Chairs:Siti Azma Jusoh (Universiti Teknologi MARA Malaysia &Faculty of Pharmacy, Malaysia), Mohamad Danial Md Sabri (Universiti Teknologi MARA, Malaysia)

08:40 *The Influence of Soil Properties on the Above-ground Tree Biomass in Taman Negara Pahang*

Nor Farika Zani (Universiti Teknologi MARA, Malaysia); Mohd Nazip Suratman (Universiti Teknologi MARA, Malaysia); Adzmi Yaacob (Universiti Tekonologi MARA, Malaysia)

09:00 *Height-related Changes in Stomatal Conductance, Chlorophyll Content and Diameter of Rubber Tree (Hevea Brasiliensis) Saplings*

Engku Azlin Rahayu Engku Ariff (Universiti Teknologi MARA, Malaysia); Mohd Nazip Suratman (Universiti Teknologi MARA, Malaysia)

09:20 *Influence of Ecotourism Activities on the Forest Structure and Light Intensity in Forests of Taman Negara Pahang*

Mohamad Danial Md Sabri (Universiti Teknologi MARA, Malaysia); Mohd Nazip Suratman (Universiti Teknologi MARA, Malaysia); Abd Rahman Kassim (Forest Research Institute Malaysia, Malaysia); Shamsul Khamis (Universiti Putra Malaysia, Malaysia); Mohd Salleh Daim (Universiti Teknologi MARA, Malaysia)

09:40 *A Preliminary Study of Avifauna At Taman Botani Negara Shah Alam, Selangor, Malaysia*

Mohd Salleh Daim (Universiti Teknologi MARA, Malaysia); Md Nasir Saad (Faculty of Applied Sciences, Universiti Teknologi MARA & Center for Biodiversity and Sustainable Development, Malaysia); Ishak Malim Sidik Malim (Universiti Teknologi MARA & Center for Biodiversity and Sustainable Development, Malaysia)

10:00 *High-Performance Liquid Chromatography Method for the Determination of Xanthone in Rat & Its Application in Pharmacokinetic Studies*

Khuriah Abdul Hamid (Universiti Teknologi MARA, Malaysia); Nurfazreen Anuar (Universiti Teknologi MARA Puncak Alam, Malaysia)

10:20 *Effects of Ketum Extract on Blowfly Chrysomya Megacephala Development and Detection of Mitragnine in Larvae Sample*

Nurulfarhana Zulkifli (Universiti Teknologi MARA, Malaysia); Rumiza Abd. Rashid (Universiti Teknologi MARA, Malaysia)

10:40 Tea Break

11:00 *Sequence Analysis and Homology Modeling of TRPV5 and TRPV6 Channels*

Wan Dalila (University Technology MARA, Malaysia); Ruzianisra Mohamed (Universiti Teknologi Mara, Malaysia); Abu Bakar Majeed (Universiti Teknologi Mara, Malaysia); Siti Azma Jusoh (Universiti Teknologi MARA Malaysia & Faculty of Pharmacy, Malaysia)

11:20 *Homology Modeling of the DNA Binding and Dimerization Partner Domains of E2F1 Transcription Factor Protein in Homo sapiens*

Mohd Yasser Nayan (UiTM Puncak Alam, Malaysia); Ruzianisra Mohamed (Universiti Teknologi Mara, Malaysia); Siti Azma Jusoh (Universiti Teknologi MARA Malaysia & Faculty of Pharmacy, Malaysia); Mohd Mutalip Siti Syairah (Universiti Teknologi MARA, Malaysia)

11:40 *Local Fruit Waste as A Potential Biosorbent for Wastewater Containing Heavy Metals: An Overview*

Norzila Othman (University Tun Hussein Onn Malaysia, Malaysia)

13:00 - 14:00 Lunch Break

Session :Engineering Sciences

Room :Ballroom I

Chair :Mohd Syahrul Hisyam Mohd Sani (Universiti Teknologi Mara Pahang, Malaysia)

14:00 *Assessment on Compressive Strength of Waste Rubber Tube Tyre (WRTT) Fiber in Concrete*

Mohd Syahrul Hisyam Mohd Sani (Universiti Teknologi Mara Pahang, Malaysia); Fadhluhartini Muftah (Malaysia)

14:20 *Improved Estimation of Radar Rainfall bias using a Kalman filtering approach: Case Studies Klang River Basin*

Sharifah Nurul Huda Syed Yahya (Universiti Teknologi MARA, Malaysia); Wardah Tahir (Universiti Teknologi MARA, Malaysia); Sayang Mohd Deni (Universiti Teknologi MARA, Malaysia); Hamzah Aroff (Universiti Malaya, Malaysia); Muhammad Faiz Mohamed Saaid (University Technology of Malaysia, Malaysia); Suzana Ramli (University of Teknologi MARA, Malaysia)

14:40 *Design Research and Development Process of Single Deck Bus for Commercial Production* ""

M. Shaleh Mujir (Universiti Teknologi MARA, Malaysia); Muhammad Yusof Shaharuddin (Universiti Teknologi

MARA, Malaysia); Mohd Al Hafiz Albalkhis (Universiti Teknologi Mara, Malaysia)

15:00 CVD Growth of Carbon Nanotubes from Palm Oil Precursor

Suriani Abu Bakar (Universiti Pendidikan Sultan Idris, Malaysia); Salina Muhamad (Solar Cell Laboratory, FKE, UiTM Shah Alam, Malaysia); Azira Aziz (Malaysian Rubber Board, RRIM Research Station, Malaysia); Noor Asnida Asli (NANO-SciTech, Institute Of Science, Universiti Teknologi MARA, MALAYSIA, Malaysia); Maryam Mohammad (University of Technology MARA & NANO-SciTech Centre, Institute of Science, Malaysia); Muhammad Salleh Shamsudin (Universiti Teknologi MARA, Malaysia); Roslan Nor (University of Malaya, Malaysia); Mohamad Rusop (Universiti Teknologi MARA - UiTM & NANO-SciTech Centre / NANO-ElecTronic Centre, Malaysia)

15:20 The Studies of Uncertainty of Measurement and Deviations of Torque Transducers

Muftah Hilal Muftah Aldabbar (UKM, Malaysia); Sallehuddin M Haris (UKM, Malaysia)

15:40 Tea Break

16:00 Cost and Availability Functions Using Imperfect Maintenance Policy for A Serial System

Ellysa Nursanti (Institut Teknologi Bandung, Indonesia); Anas Ma'ruf (Institut Teknologi Bandung, Indonesia); Tota Simatupang (Institut Teknologi Bandung, Indonesia); Bermawi Iskandar (Bandung Institute of Technology ITB, Indonesia)

16:20 Study of Bioindicator at Mangrove Island: Case Study of Carey Island

Faizah Kamarudin (Universiti Teknologi MARA, Malaysia); Marfiah Ab. Wahid (Universiti Teknologi MARA, Malaysia); Azinoor Azida Abu Bakar (Universiti Teknologi MARA, Malaysia); Aminuddin Baki (Universiti Teknologi MARA, Malaysia); Wardah Tahir (Universiti Teknologi MARA, Malaysia); Juhaizad Ahmad (Universiti Teknologi MARA, Malaysia); Zahrullaili Yahya (Universiti Teknologi MARA, Malaysia); Ismail Atan (Universiti Teknologi MARA, Malaysia); Nurhafidzah Ahmad (Universiti Teknologi MARA, Malaysia)

16:40 Hypothetical Framework for Luminescence Effect as Advanced Decoration on Labu Sayong ""5; :

Siti Noor Azila Siti Noor Azila Noordin (Universiti Teknologi MARA, Malaysia); Salleh Mohamad Rizal (Universiti Teknologi MARA, Malaysia); Rusmadiyah Anwar (Universiti Teknologi MARA, Malaysia)

17:00 Ionic and Thermal Conductivity Studies of Silicone-Dammar as a Coating Resin

Rosnah Zakaria (Universiti Teknologi MARA, Malaysia); Azizah Hanom Ahmad (Universiti Teknologi Mara, Malaysia)

17:20 The Studies of Uncertainty of Measurement and Deviations of Torque Transducers ! ·

Muftah Hilal Muftah Aldabbar (UKM, Malaysia)

Session : E33(Management and Humanities 3)

Room :Ballroom II

Chairs: Mohd Faizal Abu (Universiti Teknologi MARA & National Audit Department of Malaysia, Malaysia), Jasmine Ahmad (Universiti Teknologi MARA, Malaysia)

14:00 Profit Efficiency, Intellectual Human Capital, and ICT of Commercial Banks in Malaysia

Rosita Suhaimi (Universiti Teknologi MARA, Malaysia); Fennee Chong (UiTM, Malaysia); Nurhani Aba Ibrahim (UiTM Lecturer, Malaysia)

14:20 The Association of Ownership Structure and the Management Earnings Forecast: The Case of Malaysian Initial Public Offerings (IPOs)

Noor Ayuernie Ibrahim (Universiti Teknologi MARA, Malaysia); Nor Ashikin Ismail (MARA University of Technology, Malaysia)

14:40 Annual Report Mandatory Disclosures in Malaysian Federal Statutory Bodies

Mohd Faizal Abu (Universiti Teknologi MARA & National Audit Department of Malaysia, Malaysia); Asmah Abdul Aziz (Universiti Teknologi MARA, Malaysia); Syed Noh Syed Ahmad (Universiti Teknologi MARA,

Malaysia)

15:00 *The Process of Decision- Making Among Councillors At Local Government Level: A Case Study At Kuantan Municipal Council*

Kamarudin Ngah (Universiti Sains Malaysia, Malaysia); Zaherawati Zakaria (Universiti Teknologi MARA Kedah, Malaysia); Jamaludin Mustaffa (Universiti Utara Malaysia, Malaysia); Mohd Zool Hilmie Mohamed Sawal (Universiti Teknologi MARA Kedah, Malaysia); Nazni Noordin (Universiti Teknologi MARA Kedah, Malaysia)

15:20 *Adoption of Enterprise Information System (EIS) in Malaysian Small and Medium Enterprises (SMEs)*

Rugayah Hashim (Universiti Teknologi MARA & UiTM, Malaysia); Jasmine Ahmad (Universiti Teknologi MARA, Malaysia); Maniam Kaliannan (University of Nottingham Malaysia, Malaysia); Abu Bakar Majeed (Universiti Teknologi Mara, Malaysia); Stephen T.T. Teo (Curtin University, Australia); Yi-Chen Lan (University of Western Sydney, Australia); Mudiarasas Kuppusamy (University of Western Sydney, Australia); Memiyanty Rahim (Universiti Teknologi MARA, Malaysia); Siti Korota Aini Omar (Universiti Teknologi Mara, Malaysia)

15:40 Tea Break

16:00 *Information Mining Capabilities in Malaysian SMEs: Specific Use of Enterprise Resource Planning System*

Rugayah Hashim (Universiti Teknologi MARA & UiTM, Malaysia); Nursyahida Zulkifli (Universiti Teknologi Mara, Malaysia); Jasmine Ahmad (Universiti Teknologi MARA, Malaysia)

16:20 *Assessment of Educational Divide and Computer Literacy Among Primary School Students in Selangor, Malaysia*

Rugayah Hashim (Universiti Teknologi MARA & UiTM, Malaysia); Nurul Shamimi Yusof (Universiti Teknologi MARA, Malaysia)

16:40 *Information Prospecting in Malaysian Small Medium Enterprises for Competitive Advantage*

Rugayah Hashim (Universiti Teknologi MARA & UiTM, Malaysia); Nursyahida Zulkifli (Universiti Teknologi Mara, Malaysia); Jasmine Ahmad (Universiti Teknologi MARA, Malaysia)

17:00 *Implications of political apology or non-apology for politicians: The early findings*

Rugayah Hashim (Universiti Teknologi MARA & UiTM, Malaysia); Mohd Anuar Mazuki (Universiti Teknologi MARA, Malaysia); Adzrool Idzwan Ismail (Universiti Teknologi Mara, Malaysia); Shaharuddin Badaruddin (Universiti Teknologi MARA, Malaysia); Nooraini Mohamed Ismail (Universiti Teknologi Mara, Malaysia); Zulkifli Latiff (Universiti Teknologi Mara, Malaysia); Norizan Shariff (TERAJU & Prime Minister's Dept., Malaysia)

17:20 *Advancing "Antarctica Science Diplomacy" Beyond Traditional Boundaries in Developing State Environmental Protection Law for Better Quality of Life*

Rohani Mohd Shah (Universiti Teknologi MARA & Faculty of Law, Malaysia); Rugayah Hashim (Universiti Teknologi MARA, Malaysia)

Session : F33(Applied Sciences and Technology 1)

Room :Ballroom III

**Chairs:Hazleen Anuar (Kulliyah of Engineering & International Islamic University Malaysia, Malaysia),
Sabrina Yahaya (Universiti Teknologi Mara, Malaysia)**

14:00 *Utilising Natural Rubber Latex in Improving Ballistic Impact Performance of Unidirectional Fabric Systems*

Mohd Rozi Ahmad (Universiti Teknologi MARA, Malaysia); Normala Hassim (Universiti Teknologi MARA, Malaysia); Wan Yunus Wan Ahmad (Universiti Teknologi MARA, Malaysia); Azemi Samsuri (Universiti Teknologi MARA, Malaysia); Mohammad Harris M. Yahya (Universiti Teknologi MARA, Malaysia)

14:20 *Modelling Yarn Frictions with Validated Uniaxial-Puncture Plain 1/1 Woven Fabric Models*

Mohamad Faizul Yahya (Universiti Teknologi MARA, Malaysia); Jamil Salleh (Universiti Teknologi MARA,

Malaysia); Wan Yunus Wan Ahmad (Universiti Teknologi MARA, Malaysia); Suzaini Abdul Ghani (Universiti Teknologi MARA, Malaysia)

14:40 *Quasi-static Puncture Resistance of Unidirectional Coated Fabric*

Mohd Rozi Ahmad (Universiti Teknologi MARA, Malaysia); Normala Hassim (Universiti Teknologi MARA, Malaysia); Mohammad Harris M. Yahya (Universiti Teknologi MARA, Malaysia)

15:00 *Impact Strength of Plasticized PLA Hybrid Biocomposite*

Hazleen Anuar (Kulliyyah of Engineering & International Islamic University Malaysia, Malaysia); Siti Norasmah Surip (Universiti Teknologi MARA, Malaysia); Noor Azlina Hassan (International Islamic University Malaysia, Malaysia); Noor Najmi Bonnia (Universiti Teknologi MARA, Malaysia); Shamsul Bahri Abd Razak (Malaysian Rubber Board, Malaysia); Mohamed Rejaul Kaiser (International Islamic University Malaysia, Malaysia); Suzana AB Kadir (International Islamic University Malaysia, Malaysia)

15:20 *Puncture Resistance of Nanofilled Coated High Strength Woven Fabric*

Nor Azreen Abu Bakar (Universiti Teknologi MARA, Malaysia); Jamil Salleh (Universiti Teknologi MARA, Malaysia); Mohd Rozi Ahmad (Universiti Teknologi MARA, Malaysia); Nur Awatif Ahmad (Universiti of Teknologi MARA, Malaysia); Suraya Ahmad Suhaimi (Universiti Teknologi MARA, Malaysia)

15:40 Tea Break

16:00 *Comparison study of Cu (II) adsorption by using aminopropyl and vinyl functionalized MCM-41*

Faustina Elfrida Sangok (Universiti Teknologi Mara, Malaysia); Sabrina Yahaya (Universiti Teknologi Mara, Malaysia); Nurul Izza Taib (Universiti Teknologi MARA, Malaysia); Siti Saad (University Technology MARA & UiTM, Malaysia); Nor Fazila Rasaruddin (Universiti Teknologi Mara, Malaysia)

16:20 *Effects of Deposition Temperature on the Synthesis of Single and Multi wall Carbon Nanotubes from Palm Oil by Floated Catalyst TCVD method*

Maryam Mohammad (University of Technology MARA & NANO-SciTech Centre, Institute of Science, Malaysia); Suriani Abu Bakar (Universiti Pendidikan Sultan Idris, Malaysia); Muhammad Salleh Shamsudin (Universiti Teknologi MARA, Malaysia); Mohamad Rusop (Universiti Teknologi MARA - UiTM & NANO-SciTech Centre / NANO-ElecTronic Centre, Malaysia)

16:40 *Adsorption of Cu (II) by using modified SBA-15*

Faustina Elfrida Sangok (Universiti Teknologi Mara, Malaysia); Sabrina Yahaya (Universiti Teknologi Mara, Malaysia); Nurul Izza Taib (Universiti Teknologi MARA, Malaysia); Siti Saad (University Technology MARA & UiTM, Malaysia); Nor Fazila Rasaruddin (Universiti Teknologi Mara, Malaysia)

17:00 *Polarized Absorption and Dielectric Spectra of Poly (N-Carbazole) Blends*

Ahmad Alias (Universiti Teknologi Mara Pulau Pinang, Malaysia); Zubainun Mohamed Zabidi (University Technology Mara Penang, Malaysia); Tengku Kudin (T. I. T. Kudin, Malaysia); Muhd Zu Azhan Yahya (Universiti Teknologi MARA, Malaysia); Ab Malik Marwan Bin Ali (Universiti Teknologi MARA, Malaysia)

17:20 *Conductivity and Optical Studies of Plasticized Polymer Electrolytes Based on 49% PMMA-grafted Natural Rubber*

Zaidatul Salwa Mahmud (Universiti Teknologi MARA, Malaysia); Nurul Ilham (Malaysia, Malaysia); Nur Hamizah Mohd Zaki (Universiti Teknologi MARA, Malaysia); Ab Malik Marwan Bin Ali (Universiti Teknologi MARA, Malaysia); Muhd Zu Azhan Yahya (Universiti Teknologi MARA, Malaysia)

Wednesday, September 26

Session : D41(Humanities and Quality of Life)

Room :Ballroom I

Chairs:Harwati Hashim (National University of Malaysia, Malaysia), Erwin Rezasyah (Universiti Teknologi MARA, Malaysia)

08:40 *Discovering Desirable Followers: A Study of Typology*

Azlyn Zawawi (Universiti Teknologi MARA & Kedah, Malaysia); Nur Zafifa Kamarunzaman (Universiti Teknologi MARA, Malaysia); Zaliha Hj. Hussin (Universiti Teknologi Mara Kedah, Malaysia); James Campbell (Deakin University, Australia)

09:00 *The Development and Validation for the Constructs of Perceived Consumer Effectiveness, Environmental Concern and Ecologically Conscious Behavior using Confirmatory Factor Analysis*

Wan Kalthom Yahya (Universiti Teknologi MARA, Malaysia); Nor Hashima Hashim (University Technology MARA, Malaysia); Siti aishah Mohamad (UiTM, Malaysia); Zuraidah Ramly (UiTM, Malaysia)

09:20 *"Quirky": Redefining Needs*

Erwin Rezasyah (Universiti Teknologi MARA, Malaysia); Natrina Toyong (Universiti Teknologi MARA, Malaysia); S'harin Mokhtar (Universiti Teknologi MARA, Malaysia)

09:40 *Residential Satisfaction and the Propensity to Stay: An Analysis of Potential Movers From Low Cost House*

Noraziah Wahi (Universiti Teknologi Mara, Malaysia); Syahrizan Junaini (Universiti Malaysia Sarawak, Malaysia)

10:00 *The Role of Intention (Niat) in Islam and the Right Intention in Buddhism in Developing Human Resource: A Comparative Study*

Azhar Bin Abdul Rahman (Universiti Teknologi MARA, Malaysia); Mohd Nizam Sahad (Universiti Sains Malaysia, Malaysia); Nor Azira Mohd Radzi (Universiti Teknologi MARA, Malaysia); Suhaila Abdullah (Universiti Sains Malaysia, Malaysia)

10:20 *Students' Anxiety Level Towards Speaking in English: Malaysia Polytechnic Experience*

Harwati Hashim (National University of Malaysia, Malaysia); Ida Sariani Mohd Isa (Politeknik Merlimau Melaka, Malaysia)

10:40 Tea Break

11:00 *Producing Ice Cream Using a Substantial Amount of Juice From *Phyllanthus Emblica* (Pokok Melaka Fruit)*

Hamidah Noor Md Yusoh (Merlimau Polytechnic, Malaysia); Siti Nur Atiqah Aznan (Merlimau Polytechnic, Malaysia); Nurul Jannah Mohd Nor (Merlimau Polytechnic, Indonesia)

11:20 *The Malay Dilemma on Organ Donation in Malaysia*

Nazni Noordin (Universiti Teknologi MARA Kedah, Malaysia); Zaherawati Zakaria (Universiti Teknologi MARA Kedah, Malaysia); Mohd Zool Hilmie Mohamed Sawal (Universiti Teknologi MARA Kedah, Malaysia); Kamarudin Ngah (Universiti Sains Malaysia, Malaysia); Jamaludin Mustaffa (Universiti Utara Malaysia, Malaysia); Mohd Shamsul Daud (Universiti Teknologi MARA Kedah, Malaysia)

11:40 *Conceptual Framework of Malay Theoretical Ablution Tub Design for Men*

Rusmadiyah Anwar (Universiti Teknologi MARA, Malaysia); Norhaliza Johari (Faculty of Art & Design, Malaysia)

12:00 *The Theoretical Framework Study of Artificial Walet Nest Template From Stoneware Body*

Syaza Abdul Rahim (Universiti Teknologi MARA Malaysia, Malaysia); Zuraidy Abd Rahim (Universiti Teknologi MARA, Malaysia); Verly Vermol (Universiti Teknologi MARA, Malaysia); Rusmadiyah Anwar

(Universiti Teknologi MARA, Malaysia)

12:20 *The Importance of Financial Audit: Benefits, Challenges and Service Quality Towards Client Loyalty*

Zuraidah Mohd Sanusi (Universiti Teknologi MARA, Malaysia); Mazurai Mohamed (Universiti Teknologi MARA, Malaysia); Yusarina Mat Isa (Universiti Teknologi MARA (UiTM) & Accounting Research Institute (ARI), Malaysia); Lee Teck Heang (HELP University, Malaysia); Takiah Mohd Iskandar (National University of Malaysia, Malaysia)

12:40 *Corporate Governance in Zakat Distribution: Perceptions of Zakat Recipients At Kota Tinggi, Johor*

May Sapura Mohd Shazilli (Universiti Technology MARA & Member of Malaysian Institute Chartered Secretaries and Administrators, Malaysia); Abdul Rauf Ambali (UiTM, Malaysia); Memiyanty Rahim (Universiti Teknologi MARA, Malaysia); Nur Sa'adon (UiTM, Malaysia); Rosmainiza Ibrahim (UiTM, Malaysia)

Session : E41(Engineering Management and Sustainable Development)

Room :Ballroom II

Chairs:Zitty Sarah Ismail (Universiti Teknologi Mara & Faculty of Applied Sciences, Malaysia), Saiful Hadi Mastor (University, Malaysia)

08:40 *Cost Management of Large Construction Projects in South Malaysia*

Ade Asmi Abdul Azis (Bakrie University Jakarta, Indonesia); Aftab Hameed Memon (Universiti Tun Hussein Malaysia & Quaid-e-Awam University of Engineering, Science & Technology, Nawabshah Sindh Pakistan, Malaysia); Ismail Abdul Rahman (Universiti Tun Hussein Onn Malaysia, Malaysia); Qadir Bux Alias Imran Latif (Universiti Tun Hussein Onn Malaysia, Malaysia); Sasitharan Nagapan (Universiti Tun Hussein Onn Malaysia & Politeknik Sultan Salahuddin Abdul Aziz Shah (PSA), Malaysia)

09:00 *Challenges facing Construction Industry in Accomplishing Sustainability Goals*

Ade Asmi Abdul Azis (Bakrie University Jakarta, Indonesia); Aftab Hameed Memon (Universiti Tun Hussein Malaysia & Quaid-e-Awam University of Engineering, Science & Technology, Nawabshah Sindh Pakistan, Malaysia); Ismail Abdul Rahman (Universiti Tun Hussein Onn Malaysia, Malaysia); Sasitharan Nagapan (Universiti Tun Hussein Onn Malaysia & Politeknik Sultan Salahuddin Abdul Aziz Shah (PSA), Malaysia); Qadir Bux Alias Imran Latif (Universiti Tun Hussein Onn Malaysia, Malaysia)

09:20 *Quality Management (QM) Practices in Facilities Management (FM) Organisation: A Case Study in Malaysia*

Saiful Hadi Mastor (University, Malaysia); Norhati Ibrahim (Universiti Teknologi Mara, Malaysia)

09:40 *Factor analysis for establishing a decision making framework for the sustainable management of community buildings in Australia*

Pushpitha Kalutara (RMIT University, Australia); Guomin Zhang (RMIT University, Australia); Sujeeva Setunge (RMIT University, Australia); Ronald Wakefield (RMIT University, Australia)

10:00 *Comparative Study on the Policy in Promoting Sustainable Construction in Developed Asian Countries*

Nur Hidayah Idris (Universiti Teknologi MARA & Head, Legal Aspects in Built Environment Initiative Group, Malaysia); Zulhabri Ismail (Universiti Teknologi MARA & Legal Aspects in Built Environment, Malaysia); Nasyairi Mat Nasir (Universiti Teknologi MARA, Malaysia)

10:20 *A Review of Critical Success Factors in Maintenance Management of Local Authority in Malaysia*

Emma Ahmad Zawawi (Universiti Teknologi Mara, Malaysia)

10:40 Tea Break

11:00 *Establishing the Key Elements for Sustainable Private Financing Initiative Projects: A Critical Literature Review*

Mohd Farmi Izudin Che Ros, MFICR (Universiti Teknologi MARA Malaysia, Malaysia); Zulhabri Ismail (Universiti Teknologi MARA & Legal Aspects in Built Environment, Malaysia); Fadzil Hassan (UiTM & None, Malaysia)

11:20 Thermal Environment of Natural Ventilated Pre-school Buildings in Warm-Humid Climates

Zitty Sarah Ismail (Universiti Teknologi Mara & Faculty of Applied Sciences, Malaysia); Fairus Darus (Universiti Teknologi Mara, Malaysia); Naziah Salleh (University Malaya, Malaysia); Siti Mariam Sumari (Universiti Teknologi MARA, Malaysia); Nik Khairun Che Harun (Universiti Teknologi Mara, Malaysia)

11:40 Evaluating the Traditional Village Development Approach to Regional Development in Malaysia: Penang Regional Development Authority (PERDA) Experience and Alternative Approaches

Kamarudin Ngah (Universiti Sains Malaysia, Malaysia); Zaherawati Zakaria (Universiti Teknologi MARA Kedah, Malaysia); Jamaludin Mustafa (Universiti Utara Malaysia, Malaysia); Nazni Noordin (Universiti Teknologi MARA Kedah, Malaysia); Mohd Zool Hilmie Mohamed Sawal (Universiti Teknologi MARA Kedah, Malaysia)

12:00 Advanced Industrialised Building System (IBS) Initiative Model

Zalikha Amar (Universiti Teknologi MARA, Malaysia); Zulhabri Ismail (Universiti Teknologi MARA & Legal Aspects in Built Environment, Malaysia); Siti Suhaidah Sahab (Universiti Teknologi MARA, Malaysia)

12:20 Comparative Study on Green Roof Mechanism in Developed Countries

Haziq Abd Aziz (Universiti Teknologi MARA & Legal Aspects in Built Environment Initiative Group, Malaysia); Zulhabri Ismail (Universiti Teknologi MARA & Legal Aspects in Built Environment, Malaysia)

12:40 Problems and Issues on the Implementation of Quality Management System in Construction Projects

Noor Sahidah Samsudin (Universiti Teknologi MARA, Malaysia); Seti Mariam Ayop (Universiti Teknologi MARA, Malaysia); Zulhabri Ismail (Universiti Teknologi MARA & Legal Aspects in Built Environment, Malaysia)

Session : F41(Applied Sciences and Technology 2)

Room :Ballroom III

Chairs:Noor Azlina Hassan (International Islamic University Malaysia, Malaysia), Zurriati Mohd. Ali (Universiti Teknologi MARA, Malaysia)

08:40 The Activated Carbon Anti-odour Treated Fabrics by Coating and Pigment Printing

Tuan Sharifah Mas Eza (Universiti Teknologi MARA, Malaysia); Wan Yunus Wan Ahmad (Universiti Teknologi MARA, Malaysia); Khadijah Omar (Universiti Teknologi MARA, Malaysia); Mohd Noor (University Malaysia Perlis, Malaysia)

09:00 Krylov Subspace Model Order Reduction for FE seismic analysis

Norliyati Mohd Amin (University Technology MARA, Malaysia); Renga Rao Krishnamoorthy (Universiti Teknologi Mara, Malaysia)

09:20 Effect of Canard to the Aerodynamic Characteristics of Blended Wing Body Airplane

Zurriati Mohd. Ali (Universiti Teknologi MARA, Malaysia); Wahyu Kuntjoro (Universiti Teknologi MARA, Malaysia); Wirachman Wisnoe (Universiti Teknologi MARA, Malaysia)

09:40 The Effect of Composition Nanofiller Al₂O₃ to the Conductivity, Morphology and Thermal Properties of MG30-LiTf Polymer Electrolyte

Nurul Ilham (Malaysia, Malaysia); Ab Malik Marwan Bin Ali (Universiti Teknologi MARA, Malaysia); Zaidatul Salwa Mahmud (Universiti Teknologi MARA, Malaysia); Nur Hamizah Mohd Zaki (Universiti Teknologi MARA, Malaysia)

10:00 Characterization of Plasticized Grafted Natural Rubber- 30% Poly (Methyl Methacrylate) (MG30) Based Polymer Electrolytes

Nur Hamizah Mohd Zaki (Universiti Teknologi MARA, Malaysia); Zaidatul Salwa Mahmud (Universiti Teknologi MARA, Malaysia); Nurul Ilham (Malaysia, Malaysia); Muhd Zu Azhan Yahya (Universiti Teknologi MARA, Malaysia); Ab Malik Marwan Bin Ali (Universiti Teknologi MARA, Malaysia)

10:20 *The Surface Morphology and Bonding Properties of Free Standing PMMA/TiO₂ Nanocomposite Films*
N. Noor Hafizah N. Mohammad (Universiti Teknologi MARA, Malaysia); Lyly Nyl Ismail (University Teknologi MARA Pulau Pinang, Malaysia); Mohamad Rusop (Universiti Teknologi MARA - UiTM & NANO-SciTech Centre / NANO-ElecTronic Centre, Malaysia)

10:40 Tea Break

11:00 *Permeability Properties of Thermoplastic Natural Rubber (TPNR) Nanocomposites*
Noor Azlina Hassan (International Islamic University Malaysia, Malaysia); Norita Hassan (International Islamic University Malaysia, Malaysia); Hazleen Anuar (Kulliyyah of Engineering & International Islamic University Malaysia, Malaysia); Siti Norasmah Surip (Universiti Teknologi MARA, Malaysia); Noor Najmi Bonnia (Universiti Teknologi MARA, Malaysia)

11:20 *Effects of Natural and Synthetic Cytokinin Hormone on Shoot Regeneration of Rockmelon (Cucumis Melo) Glamour Cv. by Using Nodal Explants*
Saiyidah Nafisah Hashim (Universiti Teknologi MARA, Malaysia); Norrizah Jaafar Sidik (Universiti Teknologi MARA, Malaysia); Yaseer Suhaimi Mohamad (Malaysia Agricultural Research and Development Institute, Malaysia); Shamsiah Abdullah (Universiti Teknologi Mara Shah Alam, Malaysia)

11:40 *A 5-Year Study of Inland Aquatic Acidification At Semenyih Dam*
Nesamalar Kantasamy (Universiti Teknologi MARA, Malaysia); Siti Mariam Sumari (Universiti Teknologi MARA, Malaysia); Sinarovina Urban Sinyaw (Malaysia Meteorological Services, Malaysia)

12:00 *Antagonistic Activity of Three Actinomycetes, MG01, MG02 and KT2F Towards Phellinus Noxius*
Yanti Yaacob (Universiti Teknologi MARA Shah Alam, Malaysia)

12:20 *Design of Low-Loss Coaxial Cavity Bandpass Filter with Post-Manufacturing Tuning Capabilities*
Zahriladha Zakaria (FKEKK, Universiti Teknikal Malaysia Melaka, Malaysia); Ahmad Sabah (UTeM, Malaysia); Sam Weng Yik (UTEM, Malaysia)

13:00 - 14:00 Lunch Break

<p>Session : D43(Management and Humanities 4) Room :Ballroom I Chairs: Borhannuddin Arifin (University Technology MARA, Malaysia), Mazila Md-Yusuf (Universiti Teknologi MARA & Faculty of Business Management, Malaysia)</p>
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14:00 *Corporate Governance and Company Boardroom Consideration in Malaysia Triple-Bottom Line Insights*
Saidah Ahmad (Universiti Teknologi MARA, Malaysia); Rugayah Hashim (Universiti Teknologi MARA & UiTM, Malaysia); Jasmine Ahmad (Universiti Teknologi MARA, Malaysia)

14:20 *Determinants of Organic Food Purchase Intention*
Nur Hazwani Mohammad Azam (University Teknologi Mara, Malaysia); Nasuddin Othman (University Teknologi Mara, Malaysia); Rosidah Musa (UiTM, Malaysia); Fazleen Abdul Fatah (University Teknologi Mara, Malaysia); Asmah Awal (University Teknologi Mara, Malaysia)

14:40 *The Granger Causality Effect Between The Stock Market And Exchange Rate Volatility In The ASEAN 5 Countries*
Mazila Md-Yusuf (Universiti Teknologi MARA & Faculty of Business Management, Malaysia)

15:00 *Halal Development System: The Institutional Framework, Issues and Challenges for Halal Logistics*
Hadijah Iberahim (Universiti Teknologi MARA, Malaysia); Rohana Kamaruddin (Universiti Teknologi MARA, Malaysia); Alwi Shabudin (Universiti Teknologi MARA & Faculty of Business Management, Malaysia)

15:20 *Using MS Excel to Learn General Chemistry*
Borhannuddin Arifin (University Technology MARA, Malaysia); Umiatun Yeop (University Technology MARA,

Malaysia)

15:40 Tea Break

16:00 *Identifying Key Digital Prepress Competence Requirements for Printing Technology Workforce*

Muhammad Yusuf Masod (University Technology MARA & Faculty of Art & Design, Malaysia); Ridzuan Ahmad (Universiti Teknologi MARA, Malaysia); Jumaddi Shafia (Universiti Teknologi MARA, Malaysia)

16:20 *Issues, Challenges and the Way Forward for Charitable Organizations in Malaysia*

Hasnan Suhaily (Universiti Teknologi MARA & Accounting Research Institute, Malaysia)

Session : E43(Chemical Engineering)

Room :Ballroom II

Chairs:Noor Meliza Jamil (Universiti Teknologi MARA, Malaysia), Siti Mariam Sumari (Universiti Teknologi MARA, Malaysia)

14:00 *Electrochemical Studies of Cellulose Acetate-ammonium Iodide Polymer Electrolytes*

Ab Malik Marwan Bin Ali (Universiti Teknologi MARA, Malaysia); Muhd Zu Azhan Yahya (Universiti Teknologi MARA, Malaysia); Nordiana Ramly (Universiti Teknologi MARA, Malaysia); Nursyahida Sahli (Universiti Teknologi MARA, Malaysia)

14:20 *Preparation and Performance of V₂O₅-CeO₂-SiO₂ Catalyst for the Selective Catalytic Reduction (SCR) of NO_x With NH₃ at Low Temperature*

Muhamad Sulaiman (Universiti Teknologi Mara, Malaysia); Umi Sarah Jais (Universiti Teknologi MARA, Malaysia); Mohd Sohoh (Universiti Teknologi Mara, Malaysia)

14:40 *Drying Kinetics of Nephelium Lappaceum (Rambutan) Using Osmotic Dehydration*

Syarifah Nor Faizah Syed Abdul Rahman (Universiti Teknologi MARA, Malaysia); Radziah Wahid (Universiti Teknologi Malaysia, Malaysia); Norazah Abdul Rahman (Universiti Teknologi MARA, Malaysia)

15:00 *Network Representation Model Development for Radiation Analysis in Baking Oven*

Ummi Kalthum Ibrahim (Universiti Teknologi MARA, Malaysia)

15:20 *Nano-fibers From Oil Palm Trunk (OPT): Preparation & Chemical Analysis*

Siti Norasmah Surip (Universiti Teknologi MARA, Malaysia); Hazleen Anuar (Kulliyah of Engineering & International Islamic University Malaysia, Malaysia); Noor Najmi Bonnia (Universiti Teknologi MARA, Malaysia); Noor Azlina Hassan (International Islamic University Malaysia, Malaysia)

15:40 Tea Break

16:00 *Study on the Viability of Sewage Sludge and Jatropha Curcas L. for Bio-oil Production*

Wilsra Sugara (Universiti Teknologi MARA, Malaysia); Rusnah Samsuddin (Universiti Teknologi MARA, Malaysia); Maryam Husin (Universiti Teknologi MARA, Malaysia)

16:20 *Removal of Reactive Dyes From Single and Binary Mixture by Mg/Al-NO₃-Layered Double Hydroxide*

Siti Mariam Sumari (Universiti Teknologi MARA, Malaysia); Zaini Hamzah (Co author, Malaysia); Nesamalar Kantasamy (Universiti Teknologi MARA, Malaysia); Mohd Suzairiff Zainal (UiTM Shah Alam, Malaysia)

16:40 *Characterization and Stability Evaluation of Olive Oil Nanoemulsion-Based Hydrogel Formulation by Nanophase Emulsification Technique*

Sharifah Hendon Aljash Salleh (Faculty of Pharmacy, Universiti Teknologi MARA, Malaysia)

17:00 *Palm Oil Nanoemulsion Hydrogels: Formulation and Stability Studies*

Noor Meliza Jamil (Universiti Teknologi MARA, Malaysia)

17:20 *Multivariate Chemometric Discrimination of Black Ballpoint Pen Inks Based on Infrared Spectra*
Mohamed Izzharif Abdul Halim (Universiti Teknologi Mara Malaysia, Malaysia)

Session : F43(Civil Engineering)

Room :Ballroom III

Chairs:Aeslina Abdul Kadir (University Tun Hussein Onn Malaysia, Malaysia), Agus Kurniawan
(Universitas Gadjah Mada, Indonesia)

14:00 *Evaluation on the treatment processes for pathogens removal in wastewater reclamation and reuse*
Marfiah Ab. Wahid (Universiti Teknologi MARA, Malaysia); Hiroaki Tanaka (Kyoto University, Japan)

14:20 *Optimizing Naphthalene Based Superplasticizer Content for Optimum Rheology and Strength of Self Compacting Concrete Containing Fly Ash and MIRHA*
Agus Kurniawan (Universitas Gadjah Mada, Indonesia)

14:40 *The Correlation Between Internal Erosion Resistances with the Hydraulic Conductivity of Residual Soil*
Mazidah Mukri (Universiti Teknologi Mara, Malaysia); Zainab Mohamed (Dean & Faculty of Civil Engineering, Malaysia); Fauzilah Ismail (Lecturer, Malaysia)

15:00 *Experimental Performance of Mortice and Tenon Joint Strengthened with Glass Fibre Reinforced Polymer Under Tensile Load*
Rohana Hassan (Universiti Teknologi MARA, Malaysia); Azmi Ibrahim (Professor, Malaysia); Zakiah Ahmad (Institute Of Infrastructure Engineering And Sustainable Management & Universiti Teknologi Mara, Malaysia)

15:20 *Development of Ultra High Performance Fiber Reinforced Concrete Mixture* : 83
Petr Maca (Czech Technical University, Czech Republic); Jan Zatloukal (Czech Technical University, Czech Republic); Petr Konvalinka (Czech Technical University in Prague, Czech Republic)

15:40 Tea Break

16:00 *Application of Annual Interception Model with Temporal Resolutions Effects*
Azinoor Azida Abu Bakar (Universiti Teknologi MARA, Malaysia); Aminuddin Baki (Universiti Teknologi MARA, Malaysia); Muhammad Khairudin Khalil (Senior Assistant Director, Malaysia); Ismail Atan (Universiti Teknologi MARA, Malaysia); Mohd. Fozi Ali (Universiti Teknologi MARA, Malaysia)

16:20 *Leachability of Heavy Metals From Fired Clay Bricks Incorporated with Cigarette Butts*
Aeslina Abdul Kadir (University Tun Hussein Onn Malaysia, Malaysia); Abbas Mohajerani (RMIT University, Australia)

16:40 *A Critical Review of the Subcontractor's Risk Management for the construction projects*
Afzan Ahmad Zaini (Universiti Teknologi Mara, Malaysia)

17:00 *A Successful Implementation of Green Construction in Malaysia*
Afzan Ahmad Zaini (Universiti Teknologi Mara, Malaysia)

17:20 *Green Roof* : ;
Hartini Kasmin (Universiti Tun Hussien Onn Malaysia & University of Sheffield, Malaysia)

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