Saturday, 5 August 2017

08:30 - 09:00 Welcome Coffee Break
09:00 - 09:40 Registration
09:40 - 09:45 Opening Speech

**Room 1**: 9:45-10:15
Keynote Speech 1: PROF. DR. GHASEM D. NAJAFPOUR, 
*Enhanced Energy Recovery and Wastewater Treatment Efficiency in Microbial Desalination Cell*

**Room 1**: 10:15 - 10:30 AM Coffee Break

**Room 1**: 10:30-11:00
Keynote Speech 2: PROF. DR. NORANI MUTI MOHAMED, 
*Nanotechnology for Sustainable Energy*

**Room 1**: 11:00-11:15
Paper No. 1151
Efficiency of Phytofabrication for Synthesising Iron Nanoparticles with Consistent Properties
Mr. Adam Truskewycz

**Room 1**: 11:15-11:30
Paper No. 1135
Isolation and Characterization of NCC from Corncob Waste Using H₂SO₄ Hydrolysis Method
Professor Ridho Nawansyah

**Room 1**: 11:30-11:45
Paper No. 1229
Biological Oil Removal from Seawater by Flexible Nano Ceramic Membrane
Miss Shijing Xiao

**Room 1**: 11:45-12:00
Paper No. 1090
Magnetic Characteristics of Zn₁₋ₓMnₓO (0.06≤x≤0.10) Nanoparticles Synthesized by the Co-precipitation Method
Dr. Heru Harsono Harsono

**Room 1**: 12:00-12:15
Paper No. 1048
Developing of Corrosion Resistance Nano Copper Oxide Coating on Copper Using Anodization in Oxalate Solution
Mr. M.Hameed Mahmood

**Room 1**: 12:15-12:30
Paper No. 1134
Characterization and Tensile Properties of Sago Starch Biocomposites Filled with Nanocrystalline Cellulose Using Acetic Acid as Co-plasticizer
Dr. Yayang Afandy

Saturday, 5 August 2017
Room 1: 12:30-12:45  
Paper No. 1250  
Effect of Nano-clay on Piping Erosion in Earth Dams  
Dr. Seyed Mohammad Ali Zomorodian

Room 2: 11:00-11:15  
Paper No. 1094  
Density Measurement of Aqueous Solution of Tbaoh at Different Temperature and Concentration  
Miss Nur Ani Kartikawati

Room 2: 11:15-11:30  
Paper No. 1140  
Amino Acid Ionic Liquid as Gas Hydrate Mitigation in Subsea Pipelines: A Review  
Miss Naathiya Mannar

Room 2: 11:30-11:45  
Paper No. 1234  
Analysis of Marine Fuels in Seawater Using Fourier Transform Infrared Spectroscopy (FTIR)  
Miss Yingmin Liu

Room 2: 11:45-12:00  
Paper No. 1217  
Sonochemical Degradation of C4 Perfluorosurfactants: The Role of Cavitation Bubble Surface Sorption  
Professor Michael Hoffmann

Room 2: 12:00-12:15  
Paper No. 1190  
Immobilization of Chaetoceros Sp. Biomass with Silica-\( \text{Fe}_3\text{O}_4 \) Coating and Adsorption Studies towards Cu (II) Ion Solution  
Dr. Buhani Buhani

Room 2: 12:15-12:30  
Paper No. 1071  
Effect of CO\(_2\) Loading on the Corrosion of Carbon Steel in Mixed Solution of N-methyldiethanolamine and Arginine  
Dr. Abdelbaki Benamor

Room 2: 12:30-12:45  
Paper No. 1142  
A Pressure-temperature Model of a Transmission Pipe during Gas Venting Process  
Mr. Aditya Firman Ihsan

12:45-14:00 LUNCH
**Room 1:** 14:00-14:15
Paper No. **1057**
Investigation of the Photocatalytic Activity Variation of the Coated MWCNTs with Zno Nanoparticles
Dr. Sedigheh Abbasi

**Room 1:** 14:15-14:30
Paper No. **1066**
Industry 4.0 Education Out of a Suitcase
Mr. Martin Schloesser

**Room 1:** 14:30-14:45
Paper No. **1182**
Selective Separation of the Bioactive Compounds via Nanotechnology
Dr. Alireza Amiri

**Room 1:** 14:45-15:00
Paper No. **1216**
Biological and Electrochemical Wastewater Treatment in Decentralized Facilities Designed for Use in the Developing World
Professor Michael Hoffmann

**Room 1:** 15:00-15:15
Paper No. **1112**
Theoretical Study of Hydrogen Atom Transfer Mechanism in Tetrahydrocurcumin
Miss Lusia Silfia Pulo Boli

**Room 1:** 15:15-15:30
Paper No. **1056**
Implementation of Eye-tracking Technology in Holonic Manufacturing Systems
Mrs. Claudia Fussenecker

**Room 2:** 14:00-14:15
Paper No. **1169**
Investigation of Erosion Behaviour of Coated GFRP Composites for Wind Turbine Applications
Mr. Tarek Ali Elmelegy

**Room 2:** 14:15-14:30
Paper No. **1126**
Rubidium Extraction from Seawater Brine by an Integrated Membrane Distillation-selective Sorption System
Professor Saravanamuthu Vigneswaran

**Room 2:** 14:30-14:45
Paper No. **1080**
An Evaluation of Fracture Toughness and Fatigue Crack Growth Behaviour of Die Steels
Mr. Santosh Kumar
Room 2: 14:45-15:00
Paper No. 1084
Numerical Dynamic Simulation of Vacuum Membrane Distillation Plant
Dr. Ashraf Hassan

Room 2: 15:00-15:15
Paper No. 1189
Experimental Evaluation of Fish Feeder Machine Controller System
Assoc. Prof. Ainul Husna Md Yusoff

Room 2: 15:15-15:30
Paper No. 1055
Flow of Unsteady Second Grade Nanofluid Past a Permeable Surface
Professor Muhammad Ramzan

15:30 - 18:00
PM Coffee Break and
Poster Preparation and Presentation
Room 1: 8:00-8:15
Paper No. 1202
Supercapacitors containing modified Carbon Nanotubes
Dr. J. Lee

Room 1: 8:15-8:30
Paper No. 1263
High-Performance Supercapacitors Based on Carbon Nanotube
Dr. J. Lee

Room 1: 8:30-8:45
Paper No. 1082
A Very High Efficiency and High Gain Two Stacked Cylindrical Dielectric Resonator Antenna (Sc CDRA) for Anti-collision Long Range Radar (LRR) Application
Dr. RAIS Khalid

Room 1: 8:45-9:00
Paper No. 1251
Applying Network Centrality Topologies to Explore the Complexity of Interaction in Software Development Project
Dr. Fahad Harbi

Room 1: 9:00-9:15
Paper No. 1145
Voice Recognition Controlled Smart Home System Using Amazon’s Alexa
Mr. Waris Rattananimit

Room 1: 9:15-9:30
Paper No. 1205
Deep Convolutional-based Medical Retrieval System Using Radon Transformation
Mr. Amin Khatami

Room 1: 9:30-9:45
Paper No. 1206
Regularization in Deep Structural Networks on Pathology Images
Mr. Amin Khatami

Room 1: 9:45-10:00
Paper No. 1166
Nanoparticle Addition as an Alternative Method for Quality Improvement of Silk Dyeing Effluent Discharge
Assist. Prof. Waraporn Kosanlavit

Room 2: 8:00-8:15
Paper No. 1237
The Reliability of Attitude/Motivation Test Battery (AMTB) In Iran as an EFL Context
Dr. Masoomeh Khodadad
Room 2: 8:15-8:30  
Paper No. 1238  
Language Learning Strategies in EFL Context  
Dr. Masoomeh Khodadad

Room 2: 8:30-8:45  
Paper No. 1219  
Genetic Variation in Flowering Time of Soybean Based on DNA Markers  
Assoc. Prof. Ngon Trong Ngon

Room 2: 8:45-9:00  
Paper No. 1220  
SNP Marker Application for Identification of Gene Variation Relating to Flowering Time in Soybean  
Assoc. Prof. Ngon Trong Ngon

Room 2: 9:00-9:15  
Paper No. 1143  
Antioxidant Rich Natural Dyes Derived from Natural Materials Variations  
Dr. Nurnisa Hamid

Room 2: 9:15-9:30  
Paper No. 1081  
Soybean and Corn Intercropping on the Different Lime and Husk Ash Dose under Saturated Soil Culture on Tidal Swamp  
Professor Munif Ghulamahdi

Room 2: 9:30-9:45  
Paper No. 1248  
Fertigation as a Technique to Save Irrigation Water and Fertilizers and Increase Crop Yield  
Dr. Asad Alkhader

Room 2: 9:45-10:00  
Paper No. 1210  
IVRs Based Healthcare Monitoring System  
Assist. Prof. Samkirubhakaran M

10:00 - 10:15 AM Coffee Break

Room 1: 10:15-10:30  
Paper No. 1118  
Research on the Immediate Update Of Topographic Maps With The UAV Technology  
Dr. Yu Wen Chen
Room 1: 10:30-10:45
Paper No. 1119
Study on SFM Technology in Enhancing Integrity of Historical Architecture Digitalization
Dr. Yu Wei Chang

Room 1: 10:45-11:00
Paper No. 1091
Culture and Resources on the Innovativeness of Shipbuilding Companies in Sarawak: Moderating Role of External Factors
Assoc. Prof. Ahmed Mohammed Kamaruddeen

Room 1: 11:00-11:15
Paper No. 1092
Culture and External Factors on the Innovativeness of Shipbuilding Companies in Sarawak: Moderating Role of Company Resources
Assoc. Prof. Ahmed Mohammed Kamaruddeen

Room 1: 11:15-11:30
Paper No. 1231
Treatment by Coagulation Flocculation Process of Landfill Leachate in Morocco
Dr.-Ing. Meriem Abouri

Room 1: 11:30-11:45
Paper No. 1093
Numerical Simulation on Mitigation and Adaptation Effects to Urban Heat Island Countermeasure Using Retro Reflection Material as Building Exterior Wall
Professor Atsumasa Yoshida

Room 1: 11:45-12:00
Paper No. 1146
Effect of Variation in Number of Bays and Storeys on the Seismic Vulnerability of Deficient Reinforced Concrete Structures
Mr. Muhammad Usman Ali

Room 1: 12:00-12:15
Paper No. 1148
Structural Behavior of Ferrocement Beams Incorporating Polypropylene Fibers and Silica Fumes
Mr. M. Omair Jamil

Room 2: 10:15-10:30
Paper No. 1244
Green Synthesis of Nickel Ferrite ($\text{NiFe}_2\text{O}_4$) Nanoparticles Using Leaf Extract of Gambir (Uncaria Gambir Roxb.)
Mr. Yasir Amrulloh
Room 2: 10:30-10:45
Paper No. 1212
The Effect Ethylene Glycol on Stabilization of Green Synthesized Ag-nanoparticles
Dr. Syukri Arief

Room 2: 10:45-11:00
Paper No. 1240
The Using of Alkanolamine Compound as Capping Agent on Green-synthesis of Silver Nanoparticles
Ms. Arniati Labanni

Room 2: 11:00-11:15
Paper No. 1253
The Effect of Nano-silica and Crumb Rubber on Concrete Strength
Dr. Ali Hassani Joshaghani

Room 2: 11:15-11:30
Paper No. 1059
Oxidative Transformation of Organic Functional Groups with Silica Gel Supported Green Ruthenium Catalyst
Dr. Mohammed Ali

Room 2: 11:30-11:45
Paper No. 1159
Effect of Process Parameters on the Surface Roughness Produced During Machining of Ceramics Using AWSJ
Dr. Anjaiiah Devineni

Room 2: 11:45-12:00
Paper No. 1117
Study on Self-excited Thermoacoustic Engines Equipped with Thermally Inductive Porous Media
Professor Boe-Shong Hong

Room 2: 12:00-12:15
Paper No. 1195
Effect of Lubricant Formulations on the Friction Performance of Diamond-Like Carbon (DLC) Coated Direct-acting Valve Train Components
Mr. Rehan Zahid

12:15 - 13:00 Closing Ceremony and Best Presenter Award

13:00 - 14:00 LUNCH