

15 TH AUGUST 2018, WEDNESDAY				
0700-0800	Registration			
0800-0810	Welcoming Speech Prof. Dato' Wira Dr. Mohd Salled Hj. Din - TUSB Chairman (GRAND BALL ROOM)			
0810-0830	Opening Ceremony Speech Dato' Profesor Dr. Zul Azhar Zahid Jamal - VC UniMAP (GRAND BALL ROOM)			
0830-0930	Keynote Speaker Datuk Ir Haji Mohamad Dalib "Millenium Automotive: Government Agency, UniMAP and Industry collaboration on vehicle safety" (GRAND BALL ROOM)			
0930-1000	Photo Session & Tea Break			
1000-1100	Keynote Speech Prof. Ir. Dr. R. Badlishah Ahmad "IR4.0: Issues and Challenges" [ICASSDA ROOM] (ROOM 1)			
	Keynote Speech Prof. Dr. Naoki Maruyama "Waste Treatment using Thermal Technology" [ICAMIA ROOM] (ROOM 2)			
	Keynote Speech Prof. Dr. Atsunori Matsuda "Design Nanocomposite membranes for next generation high temperature polymer electrolyte fuel cells" [ISME ROOM] (ROOM 3)			
	Keynote Speech Associate Prof Sr. Dr. Mohammad Fadhil Mohammad "The Application of BIM in IBS implementation employing Mechanical and Automation through the Design for Manufacturing and Assembly (DfMA) approach" [ICOBET ROOM] (ROOM 4)			
1100-1300	SESSION A1 [ICASSDA ROOM] (ROOM 1)	SESSION B1 [ICAMIA ROOM] (ROOM 2)	SESSION C1 [ISME ROOM] (ROOM 3)	SESSION D1 [ICOBET ROOM] (ROOM 4)
1300-1400	LUNCH BREAK			
1400-1600	SESSION A2 [ICASSDA ROOM] (ROOM 1)	SESSION B2 [ICAMIA ROOM] (ROOM 2)	SESSION C2 [ISME ROOM] (ROOM 3)	SESSION D2 [ICOBET ROOM] (ROOM 4)
1600-1620	TEA BREAK			
1620-1800	SESSION A3 [ICASSDA ROOM] (ROOM 1)	SESSION B2 [ICAMIA ROOM] (ROOM 2)	SESSION C3 [ISME ROOM] (ROOM 3)	SESSION D3 [ICOBET ROOM] (ROOM 4)

16 TH AUGUST 2018, THURSDAY				
0700-0830	Registration			
0830-0930	Keynote Speaker Prof Dr Ali Selamat "Distributed Multimedia Interactive Systems"			
0930-1000	Tea Break			
1000-1300	SESSION A4 [ICASSDA ROOM] (ROOM 1)	SESSION B3 [ICAMIA ROOM] (ROOM 2)	Keynote Speech Prof. Dr. Takashi Sakikawa "What is the Malaysian style of management?" [ICOSIT ROOM] (ROOM 3) (10:00-11:00) SESSION E1 [ICOSIT ROOM] (ROOM 3)	SESSION C4 [ISME ROOM] (ROOM 4)
1300-1400	LUNCH BREAK			
1400-1600	Keynote Speech Prof. Dr. Ryojun Ikeura "Human-Robot Cooperative System" (14:00-15:00) SESSION A5 [ICASSDA ROOM] (ROOM 1)	SESSION B4 [ICAMIA ROOM] (ROOM 2)	SESSION E2 [ICOSIT ROOM] (ROOM 3)	SESSION C5 [ISME ROOM] (ROOM 4)
1600-1620	TEA BREAK			
1620-1800	SESSION A6 [ICASSDA ROOM] (ROOM 1)	SESSION B4 [ICAMIA ROOM] (ROOM 2)	SESSION E3 [ICOSIT ROOM] (ROOM 3)	

17 TH AUGUST 2018, FRIDAY	
0700-0800	Registration
0800-0830	<p>Keynote Speech</p> <p>Assoc. Prof. Dr. Shahrman Abu Bakar</p> <p>“The Future of Autonomous vehicle: The Journey of producing Unimap own retro themed hybrid powered intelligent energy efficient vehicle”</p> <p>[ICASSDA ROOM] (ROOM 1)</p>
	<p>Keynote Speech</p> <p>Dr. Sam Sung Ting</p> <p>“Environment Sustainability: Strategies and Green Product Development”</p> <p>[ICAMIA ROOM] (ROOM 2)</p>
	<p>Keynote Speech</p> <p>Dr. Zunaidi Ibrahim</p> <p>“Contract Research: Income Generation through Research and Development (R&D) with Automation KAIZEN Project for Case Study in Manufacturing Assembly Line”</p> <p>[ISME ROOM] (ROOM 3)</p>
	<p>Keynote Speech</p> <p>Ir. Dr. Zuradzman Mohamad Razlan</p> <p>“Air conditioner design according to air psychrometry and thermal comfort”</p> <p>Assoc. Prof. Dr. Wan Khairunizam</p> <p>“Ontological Approach on Describing Engineering Knowledge in Artificial Intelligence (AI)”</p> <p>[ICOBET ROOM] (ROOM 4)</p>
0830-0900	TEA BREAK

17 TH AUGUST 2018, FRIDAY				
0830-1000	SESSION A7 [ICASSDA ROOM] (ROOM 1)	SESSION B5 [ICAMIA ROOM] (ROOM 2)	SESSION E4 [ICOSIT ROOM] (ROOM 3)	SESSION D4 [ICOBET ROOM] (ROOM 4)
1000-1020	TEA BREAK			
1020-1200	SESSION A8 [ICASSDA ROOM] (ROOM 1)	SESSION B5 [ICAMIA ROOM] (ROOM 2)	SESSION E5 [ROOM ICOSIT] (ROOM 3)	SESSION D5 [ICOBET ROOM] (ROOM 4)
1200-1400	LUNCH BREAK			
1400-1600	SESSION A9 [ICASSDA ROOM] (ROOM 1)	SESSION B6 [ICAMIA ROOM] (ROOM 2)	SESSION E6 [ROOM ICOSIT] (ROOM 3)	
1600-1620	TEA BREAK (DISMISS)			

TECHNICAL SESSION

ICOBET 2018

The 4th International Conference on Built and Environmental Technology
15 August 2018 (Wednesday) - ICOBET ROOM/ ROOM 4

SESSION D1 (11:00 – 13:00)

Chaired by Dr. Sam Sung Ting

- ICB-001 **Relationship Between Number and Size Required Steel Reinforcement to Beam Dimension of Standard Public School in Malaysia**
Tan Kenneth Way Chian
- ICB-002 **Structural Design Capacity Checker Based on Actual Dimension and Materials Used at Construction Sites for Reinforced Concrete Beams**
Tan Kenneth Way Chian
- ICB-011 **Effect of Solvent Vapor Treatment on Electrospun Nylon 6,6 Nanofiber Membrane**
Nur Syakinah Abd Halim
- ICB-013 **The Effect of Concentration Staging and Membrane Materials on The Treatment of Produced Water via Forward Osmosis**
Shafiq Mohd Hizam
- ICB-014 **Advanced Aeration Using Finned Panel Spacer For Fouling Control in Produced Water Membrane Filtration**
Ratra Rahmawati
- ICB-015 **The Possible Challenges of Green Procurement Implementation**
Syamimi Liyana Amat Rais

TECHNICAL SESSION

ICOBET 2018

The 4th International Conference on Built and Environmental Technology
15 August 2018 (Wednesday) - ICOBET ROOM/ ROOM 4

SESSION D2 (14:00 – 16:00)

Chaired by Dr. Clotilda Petrus

- ICB-016 **Green Procurement for Construction Project: The Roles of Stakeholder Values**
Munira Mohd Saferi
- ICB-021 **Determining the Suitability of POFA as Partial Replacement to Cement in Concrete for Acoustic Properties: Sounds Transmission Loss and Sounds Absorption Assessment**
Abdul Wafi Razali
- ICB-022 **The Challenges of Space Management in Higher Education Institution**
Mohammad Nabil Fikri Saaid
- ICB-023 **The Insight on Quality Assessment System in Construction (QLASSIC) Implementation in Sarawak**
Ku Mohammad Asyraf Ku Azir
- ICB-024 **Achieving Sustainable Affordable Housing Scheme from The Properties of Multi Eco-System**
Siti Hamidah Binti Abdul Hamid
- ICB-020 **Groundwater Assessment using Geo-Electrical Resistivity Survey at InSAT, Perlis**
Fathin Ayuni Azizan

TECHNICAL SESSION

ICOBET 2018

The 4th International Conference on Built and Environmental Technology
15 August 2018 (Wednesday) - ICOBET ROOM/ ROOM 4

SESSION D3 (16:20 – 18:00)

Chaired by Dr. Sam Sung Ting

- ICB-025 **The Mechanical Properties of HFRC Under Elevated Temperature Exposure**
Clotilda Petrus
- ICB-026 **Performance of Sand Reinforced with White Coir Fibre**
Joe Davylyn Nyuin
- ICB-027 **Phytoremedial Potential of Aquatic Macrophytes (Centella Asiatica and Eichhornia crassipes) for The Removal of Copper in Contaminated Water**
Caroline Marajan
- ICB-028 **Low-cost Impedance Approach using AD9533 for Sensing and Monitoring Application**
Rudy Tawie
- ICB-029 **The Perception on Construction Industry Payment and Adjudication Act (CIPAA) 2012 towards Remediating Payment Disputes: A Research of Subcontractors in Kuching Sarawak**
Nurulhudaya Abdul hadi

TECHNICAL SESSION

ICOBET 2018

The 4th International Conference on Built and Environmental Technology
17 August 2018 (Friday) - ICOBET ROOM/ ROOM 4

SESSION D4 (8:00 – 10:00)

Chaired by Dr. Sam Sung Ting

- ICB-012 **The Effectiveness on Non-Destructive Bat Control Measures in Residential Building**
Norrazman Zaiha Zainol
- ICB-017 **Choline Chloride-Glycerol Based Deep Eutectic Solvent Synthesis, Characterization and Application in The Formation of Titanium Dioxide Nanotubes using Electrochemical Process**
Nurul Tasnim Sahrin
- ICB-007 **The Implementation of Bus Rapid Transit System to Sustainable Cities in Malaysia**
Muhammad Azizi Azizan
- ICB-008 **Malaysian Public Transportation and Sustainability: A Review**
Muhammad Azizi Azizan
- ICB-018 **Assessment of Carbohydrate Contents in Perlis Harumanis Mango Leaves during Vegetative and Productive Growth**
Aimi Athirah Aznan

SESSION D5 (10:20 – 12:00)

Chaired by Dr. Sam Sung Ting

- ICB-019 **Validation of Groundwater Potential Zone Based on Imaging Profiles using Different Array and Lines of Survey Position**
Fathin Ayuni Azizan
- ICB-009 **A Review on Sustainable Construction Material Technology in Malaysia**
Muhammad Azizi Azizan
- ICB-010 **Application of Coal Bottom Ash as Raw Material for Concrete Brick in Housing Construction**
Muhammad Azizi Azizan