

## **Conference Schedule for Oral Presentation**

The 9<sup>th</sup> Rajamangala University of Technology International Conference

RMUT Driving Innovation for Thailand 4.0

Session: Energy, Engineering, Material Science, Natural Science and Agriculture Technology

Room: NAKARET

Date: 1 August 2018

Time	Code number	Title	Name
13.00-14.00		Keynote Speaker on topic <b>“Power Electronics: The key technologies for electrolyzer integration within multi-source system based on renewable energy sources”</b> Assoc. Prof. Dr. Damien Guilbert University of Lorraine, France	
<b>Chairman: Assoc. Prof. Dr. Damien Guilbert</b>			
<b>Co-chairman: Dr. Sahapat Chalachai</b>			
14.00-14.15	IO-001	Feasibility Study of a Grid-tied 60 KW Floating Solar PV Power Station for Sea in the South of Thailand	Dr. Kwanruetai Boonyasana RMUTP
14.15-14.30	IO-002	Improved Electrochemical Performance of a Porous Electrospun Ag/B:Mn@CNF Composite for Electrochemical Energy Storage Application	Dr. Tanayt Sinprachim RMUTSV
14.30-14.45	IO-003	The Design of Pre-Charge Systems for Electric Formula Student	Mr. Sura Laptawee TNI
14.45-15.00	IO-004	Speed Control of Induction Motor with Over-voltages Suppression Methods for Long Cable Drive Applications	Dr. Grit Tongkhundam TSU
<b>Certificate of Presentation for the Presenter</b>			
15.00-15.30	<b>Coffee Break / Poster Session</b>		

<b>Chairman: Dr. Anan Pongtornkulpanich</b>			
<b>Co-chairman: Dr. Grit Tongkhundam</b>			
15.30-15.45	IO-005	Coin-Screening Machine Base on Digital Image Processing Technique	Mr. Ruangyos Keteruksa RMUTR
15.45-16.00	IO-006	Design of Data Acquisition Unit Using Arduino from a Flow Velocity Meter for Tides in the River	Mr. Sanya Samaimak RMUTR
16.00-16.15	IO-007	Alarm Bubble within Intra Venous Tube via Application Line	Miss Jantira Juakvont RMUTSV
16.15-16.30	IO-008	Design and Implement of IoT-Based Electric Slide-Up Door Control System Using Raspberry Pi 3 Model B Case Study: Department Of Electrical Engineering RMUTL NAN	Mr. Charnyut Karnjanapiboon RMUTL
16.30-16.45	IO-009	Development and Performance Evaluation of a Cassava Digger Namely Fork Shear Blade Type	Dr. Sahapat Chalachai RMUTTO
16.45-17.00	IO-010	Application of Design of Experiment (DOE) for Aluminum Wheel of Single Pulley Performance for Transmission line	Miss Bussakorn Hammachukiattikul TNI
17.00-17.15	IO-011	The Calculated Speed and Torque of Motor for Electric Formula Student	Miss Supaluk Prapan TNI
<b>Certificate of Presentation for the Presenter</b>			
18.30-21.00	<b>Welcome Dinner Room: NAKARA Grand Ballroom</b>		

**Date: 2 August 2018**

09.00-10.00	Keynote Speaker <b>“Success factors for having your article accepted in a peer-reviewed journal”</b> By: Assoc. Prof. Dr. David Crookall, France		
<b>Chairman: Dr.Anan Pongtornkulpanich</b>			
<b>Co-chairman: Dr.Sahapat Chalachai</b>			
10.00-10.15	IO-012	Design of Intake Manifold for Formula Student Car	Mr.Phatsakon Phan-Ophat TNI
10.15-10.30	IO-013	Design and Analysis of Bias Brake for Formula Student	Mr.Wisit Songmuang TNI
<b>Certificate of Presentation for the Presenter</b>			
10.30-10.45	<b>Coffee Break</b>		

<b>Chairman: Assoc.Prof.Dr.David Crookall</b>			
<b>Co-chairman: Dr.Wantana Sangchoom</b>			
10.45-11.00	IO-014	A C Program for The Teaching of View Factors for Heat Transfer Problems for Two and Perpendicular Planes	Dr.Marwan Affandi RMUTSV
11.00-11.15	IO-015	Structural Engineering Assessment for Seismic Damaged Concrete Building: A Case Study of One Storey Kindergarten School	Dr.Thanongsak Imjai RMUTTO
11.15-11.30	IO-016	A Case Study of Civil Engineering Practical-Based Learning: 1 <sup>st</sup> Uthen Timber Bridge Challenge	Dr.Thanongsak Imjai RMUTTO
11.30-11.45	IO-017	Durable Articles and Building Repairing Informing System: A Case Study of RMUTSV Rattaphum College	Mr.Wanpracha Nuansoi RMUTSV
11.45-12.00	IO-018	Using Information Systems in Curriculum Management According to the Standard Framework of Vocational Education Undergraduate	Mr.Soontorn Kongsintu KMUTBN
12.00-12.15	IO-019	Impact Strength and Flexural Properties of Biodegradable Foams Containing Polylactic Acid and Epoxidized Natural Rubber	Assoc.Prof. Dr. Tarinee Nampitch KU
<b>Certificate of Presentation for the Presenter</b>			
12.15-13.15	<b>Lunch (Room: Restaurant)</b>		
13.30-17.30	<b>Field Trips/City Tour</b>		

Date: 3 August 2018

<b>Chairman: Prof.Dr.Hanshik Chung</b>			
<b>Co-chairman: Assoc.Prof.Dr.Worawut Koedprang</b>			
08.30-08.45	IO-021	Survey Study of Current Seawater Desalination Processes	Prof.Dr.Hanshik Chung GNU
08.45-09.00	IO-020	Effect of Waste Tire Powder on the Properties of Natural Rubber Latex Foams	Dr.Suwat Rattanapan RMUTSV
09.00-09.15	IO-022	Analysis of Land Use Classification and Water Quality in Nan River	Mr.Chanin Kaewmanee RMUTL
09.15-09.30	IO-023	Effect of Calcium/Magnesium Ratio to Growth of a Blue Marine Sponge, <i>Xestospongia</i> sp. (c.f. <i>Neopetrosia</i> sp.) Cultured in Semi-circulate Close System	Mr.Kieattisak Yokseng WU
09.30-09.45	IO-024	Triploid Induction by the Use of 6-dimethylaminopurine (6-DMAP) for the Tropical Oyster, <i>Crassostrea belcheri</i> (Sowerby, 1871)	Dr.Supatcha Chooseangjaew RMUTSV
09.45-10.00	IO-025	Genetic Variability, Heritability and Genetic Advance among Yardlong Bean Lines	Assoc.Prof.Dr.Pramote Pornsurriya RMUTTO
10.00-10.15	IO-026	Increasing Pineapple Suckers Using 6-Benzilanopurine Growth Regulator on F <sub>1</sub> Hybrid Mother Pineapple [ <i>Ananas Comosus</i> (L.) Merr.] Plants	Assoc.Prof.Dr.Suneerat Sripaoraya RMUTSV
<b>Certificate of Presentation for the Presenter</b>			
10.00-10.15	<b>Coffee Break</b>		

<b>Chairman: Assoc.Prof.Dr.Suneerat Sripaoraya</b>			
<b>Co-chairman: Assoc.Prof.Dr.Worawut Koedprang</b>			
10.15-10.30	IO-027	Shoot Multiplication of HQC34 Hybrid Pineapple [ <i>Ananas comosus</i> (L.)Merr.] Using Bioreactor System	Miss.Orachat Sittichan RMUTSV
10.30-10.45	IO-028	Increasing the Harvest Index Efficiency for Prolonging Shelf Life of Pineapple ( <i>Ananas comosus</i> cv. Smooth Cayenne) Fruit	Mr.Kullawich Panichkul RMUTL
10.45-11.00	IO-029	Effect of Carbon Sources and Inoculation Protocols on Carissa Acetification Process	Asst.Prof.Dr.Ni-orn Chomsri RMUTL
11.00-11.15	IO-030	Screening of Cellulase-Producing Microorganisms from Digestive Tract of Termites from Nongrawiang Center in Nakhon Ratchasima Province	Dr.Suchonma Sookruksawong RMUTI
<b>Certificate of Presentation for the</b>			
12.00-13.00	<b>Lunch (Room: Restaurant)</b>		
13.00-14.00	<b>Closing Ceremony/ Presenter Awards Room: NAKARA Grand Ballroom</b>		