

Program of Presentation

The 6th Rajamangala University of Technology International Conference (6th RMUTIC)

Oral Presentation

September 1, 2015

1.00 - 5.45 pm.

Session 1 Engineering and Industrial Research

Room : 35-200-1

Chairman		
Co-chair		
1.00 - 2.00 pm.	Invited Speaker : Prof.Dr.Amde Meskel Amde (<i>University of Maryland</i>)	
2.00 - 2.15 pm.	6ER-O001	Conceptual Determinants and Evaluation of Long-term Asset investment : Owner perspective <i>Wantana Prapaporn and Suphachai Tubsang</i> Rajamangla University of Technology Isan, Khonkaen campus
2.15 - 2.30 pm.	6ER-O002	A Force in Micro-scale Sensing Using An Optical Micro-ring Resonator <i>Phichai Youplao, Metha Tasakorn and Thanawat Phattaraworamet</i> Rajamangala University of Technology Isan Sakon Nakhon Campus
2.30 - 2.45 pm.	Coffee Break	
2.45 - 3.00 pm.	6ER-O003	Identification of Risky Persons and Relationship Using Thai Keywords for Facebook Group <i>Kwanchai Eurviriyankul, Supitcha Limpatowonrpong, Weerawit Na Wanma, Passawat Watcharadumrongsak and Prapat Chuethai</i> Rajamangla University of Technology Lanna
3.00 - 3.15 pm.	6ER-O004	The Study on High Temperature Degradation of AISI 1020 Low Carbon Steel in the Carburization State. <i>Thee Chowwanonthapunya and Chaiyawat peeratatsuwan</i> Rajamangla University of Technology Isan
3.15 - 3.30 pm.	6ER-O005	Experimental Study of Working Fluid and Filling Ratio on Heat Transfer Characteristics of Packing Bed Thermosyphon Heat Exchanger <i>Sanhawat Thongdaeng, Namphol Pipatpaiboon and Supachot Patna</i> Rajamangla University of Technology Isan

3.30 - 3.45 pm.	6ER-O006	Lateral Pile Load Test in Rajamangala University of Technology Isan Khon Kaen Campus <i>Pongsagorn pounghompu and Sorasak Seawsirikul</i> Rajamangla University of Technology Isan Khonkaen Campus
3.45 - 4.00 pm.	6ER-O007	Economizer by Using Thermosyphon for Electronics Industry <i>Pracha Yeunyongkul and Somkiat Wongpanich</i> Rajamangla University of Technology Lanna
4.00 - 4.15 pm.	6ER-O008	A Low-Cost Data Acquisition System with WinFACT Program for Undergraduate Control System Instruction <i>Preecha Sakarung</i> Rajamangla University of Technology Suvarnabhumi
4.15 - 4.30 pm.	Coffee Break	
4.30 - 4.45 pm.	6ER-O009	Study of Unified Power Quality Conditioner for Solving Power Quality Problems in the Power Distribution System <i>Kittaya Somsai and Panumat Sanpuang</i> Rajamangla University of Technology Isan, Sakonnakhon Campus
4.45 - 5.00 pm.	6ER-O010	Format of Order against Steel Casing Failure When the Force along the axis of Reinforced Concrete Columns <i>kitipong jerawannakul</i> Rajamangla University of Technology Isan
5.00 - 5.15 pm.	6ER-O011	A Design of the Energy Saving Feedback Controller of Hydraulic Press <i>Den Kogphimai</i> Rajamangla University of Technology Isan
5.15 - 5.30 pm.	6ER-O012	Determining the Contamination of Raw Cassava Flour in Raw Latex Using Transmittance Portable Near-Infrared Spectroscopy. <i>Panuwat Supprung and Surasak Ratre</i> Rajamangla University of Technology Isan, Khon Kaen Campus
5.30 - 5.45 pm.	6ER-O013	Effect of Protein Content on Moony Viscosity and Thermal Stability of Natural Rubber <i>Warunee Ariyawiriyanan</i> Rajamangla University of Technology Thunyaburi

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1.00 - 3.30 pm.

Session 1 Education and Social Science

Room : 34-604

Chairman		
Co-chair		
1.00 - 2.00 pm.	Invited Speaker : Asst. Prof. Gabor RETHI <i>(University of Miskolc, Hungary)</i>	
2.00 - 2.15 pm.	6ES-O001	A Role Perception of Labour Union Affecting to the Quality of Work Life of Labour Union Members in an Automobile Industrial Company Located in Lat Krabang Industrial Estate <i>Thitikan Prukchinworn</i> Rajamangla University of Technology Suvarnabhumi
2.15 - 2.30 pm.	6ES-O002	A Needs Analysis of Cambodian Students in Cambodia Learning Thai for ASEAN Preparation <i>Pisutpong Endoo</i> Rajamangla University of Technology Isan, Surin Campus
2.30 - 2.45 pm.	Coffee Break	
2.45 - 3.00 pm.	6ES-O003	The Development of the Efficient Teaching Instruction for English Training through the Use of Problem-Based Learning (PBL) for the Youth Guide for Prepare for the Readiness to be the Member of ASEAN Community <i>Sattra Sahatsathatsana</i> Rajamangla University of Technology Isan, Kalasin Campus
3.00 - 3.15 pm.	6ES-O004	Creating a Course of Weaving East and Developing Pattern on the Fabric Appearance by Way of Technical Textiles Formed <i>Katesunee Bumrunjit</i> Rajamangla University of Technology Phra Nakhon
3.15 - 3.30 pm.	6ES-O005	The Development of a Computer Enhanced Language Learning (CELL) Program for a Context with Limitations <i>Phongphan Sakarung</i> Rajamangla University of Technology Suvarnabhumi

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1.00 - 3.30 pm.

Session 1 Architecture, Art and Industrial Design

Room : 34-902

Chairman		
Co-chair		
1.00- 2.00 pm.	Invited Speaker for International Conference : Assistant Professor Dr. Tarawut Boonlua (<i>Maharakham University</i>)	
2.00 - 3.00 pm.	Invited Speaker for National Conference : Mr.Phahonchai Premjai (<i>Architect from Jim Thompson Farm</i>)	
3.15 - 3.30 pm.	6AI-O001	The Study of Universal Design : a Case Study of Design for Occupation Workshop, Bann Nontapum Pakkred Nonthaburi <i>Supachai Chaijan</i> <i>Rajamangla University of Technology Isan</i>

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1.00 - 5.45 pm.

Session 1 Agricultural and Biology

Room : 34-809

Chairman		
Co-chair		
1.00 - 2.00 pm.	Invited Speaker : Prof. Dr. Metha Wanapat <i>(Khon Kaen University)</i>	
2.00 - 2.15 pm.	6AB-O001	Potential use of Thailand Thraustochytrid as a Novel Source of Omega-3 Oils and Biodiesel Production <i>Montri Chaisawang</i> Rajamangla University of Technology Rattanakosin
2.15 - 2.30 pm.	6AB-O002	Determination of Protein Content in Latex by Near Infrared Spectroscopy <i>Sayun Phansomboon ,Sutpitchpong Puhual ,Chanida Yaeram, Piyapong Boonsan and Panuwat Supprung</i> Rajamangla University of Technology Isan
2.30 - 2.45 pm.	Coffee Break	
2.45 - 3.00 pm.	6AB-O003	Chemical and Sensory Evaluation of Mulberry Wine Influenced by Exogenous Tannin and Oak Chip Addition <i>Ni-orn Chomsri, Thirawan Chanrittisen and Nanthaporn Thepkaew</i> Rajamangla University of Technology Lanna
3.00 - 3.15 pm.	6AB-O004	Effect of Perilla Cake Levels as Co-substrate on Soy Sauce Quality <i>Ni-orn Chomsri and Ammarit Seeklom</i> Rajamangla University of Technology Lanna
3.15 - 3.30 pm.	6AB-O005	Craftsmanship Development on the Weaving Cloths to Protect Local Identities for Trade Liberalization <i>Pisutpong Endoo, Boonlieng Chimmalee, Thatsaneeya Nilrit and Suriya Kalungrit</i> Rajamangla University of Technology Isan, Surin Campus

3.30 - 3.45 pm.	6AB-O006	<p>The Applications of Natural Rubber and Plants for the Development of Muslim Textiles and Costume Products in Southern Border Provinces</p> <p><i>Sakorn Chonsakorn, Rungtiwa Tapitupong, Rattanaphol Mongkholrattanasit, Uriwan khumsingha, Chanakan Ruangnarong, Supanicha Srivorradatpaisan and Tanadol Somboon</i></p> <p>Rajamangla University of Technology Thunyaburi</p>
3.45 - 4.00 pm.	6AB-O007	<p>Estimates of Genetic Parameters and Expected Genetic Gains in F3 Population of Yardlong Bean</p> <p><i>Pramote Pornsuriya, Pornthip Pornsuriya</i></p> <p>Rajamangla University of Technology Tawan-ok</p>
4.00 - 4.15 pm.	6AB-O008	<p>Effect of Probiotics Supplementation as Antibiotic Alternative in Weaning Pig Diets</p> <p><i>Ratchaneevan Vorachinda, Wandee Bunyatratthata, Nontasak Piampol, Chamnanwit Promkot and Tanitpan Pongjongmit</i></p> <p>Rajamangla University of Technology Isan</p>
4.15 - 4.30 pm.	Coffee Break	
4.30 - 4.45 pm.	6AB-O009	<p>Study on Processing of Yeast Fermented Fresh Cassava Root (YEFECAR) on Digestible Nutrients Efficiency by In vitro Fermentation</p> <p><i>Lyheng pheav and Chamnanwit Promkot</i></p> <p>Rajamangala University of Technology Isan</p>
4.45 - 5.00 pm.	6AB-O010	<p>The Risk of Sugar Cane Growers in Bueng Samakkhi District of Kamphaengphet Province, Thailand</p> <p><i>Direk Tongaram, Chuchit Chaithaweep, Rujirawat Lamtan and Thanistha Samai</i></p> <p>Bangkok Thonburi College</p>
5.00 - 5.15 pm.	6AB-O011	<p>Enzyme Biosensor from Pencil Graphite Electrode for Malathion Pesticide Detection</p> <p><i>Lerdluck Kaewwimol</i></p> <p>Rajamangla University of Technology Krungthep</p>

5.15 - 5.30 pm.	6AB-0012	<p>Conception Rate and Serum Progesterone Concentration in Buffalo Cows Administered GnRH on 5 Days after Timed Artificial Insemination</p> <p><i>Somchit Guntaprom, Jakrit Yaeram, Chalothorn Amporn, Sarawut Doungmawong and Krittiya Lertchunhakit</i></p> <p>Rajamangla University of Technology Isan</p>
5.30 - 5.45 pm.	6AB-0013	<p>The Study on Antioxidant Activities of Encapsulated Butterfly Pea Flower Powder by Mucilage from Basella alba Linn. in Gastric Reduction in Vitro.</p> <p><i>Kiatipong Charoenjit, Kannika Huaisan, Panorjit Nitisuk and Natthapong Jenwipark</i></p> <p>Rajamangla University of Technology Isan</p>