



**3rd INTERNATIONAL CONFERENCE ON ROBOTIC
AUTOMATION SYSTEM (ICORAS 2016)**
&
**3rd INTERNATIONAL CONFERENCE ON ADVANCED
MANUFACTURING (ICAM 2016)**

Parallel Session I (ICORAS & ICAM)

Date: 6th August 2016

Time: 11.00 am – 1.00 pm

Venue: Main Lecture Hall 1, DITC

No	ID	Title
1.	ICORAS 023	Heat Driven Thermoelectric Cooling Device: Preliminary Development
		<i>A. Mohamad Asmidzam</i>
2.	ICAM 003	Alignment Measurement Technique for Satellite Assembly, Integration and Test
		<i>Z. Asmaliza Zulkifli, A. Nor Hafizah Abdullah and W.N. Su</i>
3.	ICORAS 002	Optical Character Recognition (OCR) using Least Mean Square Error (LMSE) Method
		<i>R. Rajesvary</i>
4.	ICORAS 006	Electrical Systems for Wave Energy Conversion System (WECS) at UMT Shoreline
		<i>M.D. Lafsah, I. Mohd Zamri, M. Safina</i>

Parallel Session II (ICORAS & ICAM)

Date: 6th August 2016

Time: 2.00 pm – 3.15 pm

Venue: Main Lecture Hall 1, DITC

No	ID	Title
1.	ICORAS 014	Developing Auxiliary Device for Playing Guitar
		<i>Y. Kumagai, N. Kato, Y. Uto</i>
2.	ICORAS 004	ANN Models in Wind Energy Analysis: Forecasting, Extrapolation and Interpolation.
		<i>H.Y. Kim, I. Mohd Zamri, M.K. Fatin Samira, Y.C. Shi</i>
3.	ICORAS 016	Implementation of Residence Automatic Watering Plan Based on Soil Moisture Sensor
		<i>Rajina R. Mohamed, I. Iskandar, H. Mohd Syafiq</i>
4.	ICAM 004	Effect on Ultrasonic Time towards Stability of SiO ₂ Nanolubricant
		<i>A. A.M. Redhwan, W. H. Azmi, M. Z. Sharif, R. Mamat</i>

Parallel Session III (ICORAS & ICAM)

Date: 6th August 2016

Time: 3.30 pm – 5.00 pm

Venue: Main Lecture Hall 1, DITC

No	ID	Title
1.	ICORAS 007	The Advanced Wind Turbine-Site Matching Index For New Site Appraisal
		<i>A. Aliashim and I. Mohd Zamri</i>
2.	ICAM 005	Comparison of Properties of Hybrid GFRP and Hybrid GFRP - Kenaf
		<i>B. Nor Bahiyah and M. H. Mohd Haikal</i>
3.	ICORAS 010	Automatic Method of Switching Angle-force Input in Train Brake System
		<i>T. Morita, M. Namekata, R. Ikeura, S. Hayakawa, H. Sawai</i>

Parallel Session I (ICORAS & ICAM)

Date: 7th August 2016

Time: 9.00 am – 1.00 pm

Venue: Main Lecture Hall 1, DITC

No	ID	Title
1.	ICORAS 013	Development of a Handling Device for Carrying Shipbuilding Components Using a Hydraulic System
		<i>A.Tachi, K.Fujimoto, R. Ikeura, S. Hayakawa, T. Shinohara</i>
2.	ICAM 006	Properties of Mixed Species Lamination Product from Khaya ivorensis and Oil Palm Trunk
		<i>M. A. Mohd Asyraf, Z. Nurul Ashikin, M.F. Anis Farhanah, A. Nur Adlina, N. Kamarulzaman</i>
3.	ICORAS 012	Acceptability Improvement Technique for Steering Assist System based on Impedance Control
		<i>T.Arizumi, S. Hayakawa, T. Yamaguchi, R. Ikeura, T. Suzuki</i>
4.	ICORAS 005	Computational Fluid dynamic Simulations (CFD) of UMT Eco Wave Power
		<i>M. Khairul Anwar, I. Mohd Zamri Ibrahim and M. Safina</i>
5.	ICAM 007	Investigation on Dust Cloud Generation during Free Fall: Technical Review on Research Approach
		<i>M. F. Anis Farhanah, B. Nor Bahiyah, R. Siti Ilyani</i>
6.	ICORAS 017	Development of Differential Drive Mobile Robot based on Line Scan Camera Input
		<i>M. Mohamad Taib</i>
7.	ICORAS 018	Implementation of Simulation-based Laboratory Experiment in Microprocessor System Course
		<i>R. Siti Sara, A. Norhayat, M.E. Nur Idawati, M. Syazilawati, A.G. Mohd Amir Hamzah, I. Nuraiza</i>
8.	ICORAS 019	Arduino Simulation System Embed in Proteus for Automation Learning System
		<i>Z. Fathiah, J. Zulzilawati, M. Muhammad Taib, Fadhli Dzul Hilmid</i>
9.	ICORAS 020	Application of Robots to Improve Social and Communication Skills among Autistic Children
		<i>M. Zaiyad and A. Nur Izzah Lina</i>

10.	ICORAS 003	Amelioration of Non Contact Tremor Measurement
		<i>S. Muhammad Hafiz, M.Z. Mohd Zarhamdy, M. Mohamed Hussein, M. Maziah, Z. Azizan As'ary</i>
11.	ICORAS 008	Stability of Impedance Control for a Series Elastic Drive System with a Torque Controlled Actuator for Improving the System Performance
		<i>Y. Kusakabe , K. Yasuda, R. Ikeura, S. Hayakawa, H. Sawai</i>
		<i>M.A.M Anuar, H.H. Ammar , A.M.H. Nadia, M.I.R. Fahmi</i>
12.	ICORAS 024	Multichannel Data Acquisition System for Monitoring Supercapacitor Module and Cells
		<i>S. Nirwan, Assaidah, W. Yuanita</i>

**Subject to change*