



International Conference on ICA2009

Department of Engineering Physics, Bandung Institute of Technology
 Gedung T. P. Rahmat, Labtek VI Lt. 3, Jl. Ganesha 10, Bandung 40132 Indonesia
 Phone: (62)22-250 4424, Fax.: (62)22-250 6281,
 Email: ICA2009@tf.itb.ac.id or Inter.ICA2009@gmail.com
 Website: <http://ica2009.wordpress.com>

ICA 2009 Conference Schedule

Day 1, 20 October 2009						
08:00 - 08:30	Registration					
08:30 - 09:00	Opening Ceremony					
09:00 - 09:40	Plenary 1: Keigo Watanabe and Kiyotaka Izumi Unmanned Vehicles Control Systems: The Development of Under actuated Control Systems for Vehicles with Six States and Four Inputs					
09:40 - 10:20	Plenary 2 Farida Idealistina Muchtadi Measurement in Biophysics, Effect of Various Stimulation on Physiological Responses					
10:20 - 10:30	Coffee Break					
10:30 - 11:00	Invited Paper 1 Brian Yulianto and Nugraha Nanoporous Materials in New Sensor Technology					
	Session A.1: Optimization of Control Systems			Session A.2: Image Processing & Analysis for System Characterization		
11:00 - 11:20	A11	2101	Susumu Ohtake and Masaki Yamakita	A21	1101	Kamarul Hawari Ghazali, Mohd. Marzuki Mustafa, Aini Hussain and Saifudin Razali
			Adaptive Output Optimal Control Algorithm for Unknown System Based on Policy Iteration			Image Classification using Two Dimensional Discrete Wavelet Transform
11:20 - 11:40	A12	2110	Mohamad-Fauzan Amir and Hans-Michael Hanisch	A22	1107	Kamarul Hawari Ghazali, Rosdiyana Samad, Nurul Wahidah Arshad and Rohana Abdul Karim
			Modeling and Simulation of Optimal Scheduling of a Bio-diesel Batch Plant: Modular Strategy for Tracking Complexity			Image Processing Analysis of Oil Palm Fruits for Automatic Grading
11:40 - 12:00	A13	2134	Arjon Turnip and Keum-Shik Hong	A23	1109	R. Zainon, A.P.H. Butler, N. Cook, J. Butzer, N. Schleich, N. de Ruiter, L. Tlustos, M. J. Clark, R. Heinz and P.H. Butler
			Optimization of the Dynamic Behavior of Semi Actively Suspended Road Vehicles			Construction and Operation of MARS CT Scanner
12:00 - 13:00	Lunch Break					

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13:00 - 13:30	Invited Paper 3 Edi Sofyan and Hermayudi Irwanto HWIL Test Facility for FCS Development				
	Session B.1: Autonomous Systems			Session B.2: Intelligent Control System	
13:30 - 13:50	B11	2111	Tatsuya Kato, Shoichi Maeyama, and Keigo Watanabe	B21	2112 Norazila Jaalam, Ahmed M. A. Haidar, Nor Laili Ismail and Rohana Abdul Karim
			Movement in Formation of Multiple Mobile		A Fuzzy Logic Approach for Stator Resistance Estimation of an Induction Motor
13:50 - 14:10	B12	2107	Hla Myo Tun and Myat Su Nwe	B22	2116 P. Poongodi and S.Victor
			Analysis of Phase Lag Compensation Design for Flexible Robot Arm Actuated At the Elbow Joint using MATLAB		Genetic Algorithm Based PID Controller Design for LTI System via Reduced Order Model
14:10 - 14:30	B13	2121	Hadian Satria Utama	B23	2117 Ermanu A. Hakim, Nur Alif , Adi Soeprijanto and Mauridhi H.P
			Implementation of Inverse Kinematics and Gait Algorithm in the Design of Hexapod Robot		GA-Fuzzy PID based Power System Stabilizer
14:30 - 14:50	B14	2135	Augie Widyatratmo and Keum-Shik Hong	B24	2132 Shoerya Shoelarta and Yul Y. Nazaruddin
			Stabilization and Path Following Control of an Autonomous Forklift		Design of ANFIS based Adaptive Controller on Continuous Binary Distillation Column
14:50 - 15:10	Coffee Break			Coffee Break	
	Session C.1: System Identification, Modeling and Simulation			Session C.2: Advanced Control Design & Application	
15:10 - 15:30	C11	2130	Hassan Mathkour, Muneer Ahmad and Hassan Mahmood Khan	C21	1103 M.A. Salim, M. Z. Md Zain, A.R. Abu-Bakar, S. Mat and M.N. Rahman
			Hybrid Statistical Genome Sequence Analysis of Mus Musculus Castaneus and Mus Musculus Molossinus Data-sets		The Application of Input Shaping Scheme for Arm Force in Automotive Wiper Blade
15:30 - 15:50	C12	2103	Didi Istardi	C22	2104 Margo P, M Hery P, M Ashari, Zaenal P and T Hiyama
			Electric Traction Motor Drive Modeling for Electrical Karting Application using MATLAB/Simulink Software		Dynamic Voltage Restorer Based on Fuzzy Polar as Voltage Sag Restorer and Voltage Distortion Compensator
15:50 - 16:10	C13	2106	Yeffry Handoko, Yul.Y. Nazaruddin, Edi Leksono and Bambang Riyanto	C23	2114 Herry Lukas, Endra Joelianto and M.A. Moelyadi
			Knowing Shoaling Fish Behavior using Statistical Approach		Optimal Control Simulation of Albatross Flight without Crosswind
16:10 - 16:30	C14	2108	M Denny Fardhan, PM Dr Yahya Sukirman	C24	2120 Salmah
			Computer Simulation for Designing Scale Inhibition Treatment in The Oil Production Reservoir		Open Loop Zero Sum Linear Quadratic Dynamic Games for Descriptor System
16:30 - 16:50	C15	1105	Tatang Mulyana, Mohd Nor Mohd Than and Dirman Hanafi	C25	2126 Dwita Rismayasari, Endra Joelianto and Dyah Chaerani
			A Discrete Time Model of Boiler Drum and Heat Exchanger QAD Model BDT 921		The Implementation of Robust-Optimization-Based Model Predictive Control to Waste Heat Boiler
End of Day 1					