Session B: Intelligent System & Electronics

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2-2 Consumer Electronics
2-3 Green Electronics
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<td>Prof. Soo Yong Lim</td>
<td>Ray Tracing for 5G Systems
Department of Electrical and Electronic Engineering, University of Nottingham Malaysia Campus, Malaysia.</td>
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<td rowspan="3">15:00 – 15:30</td>
<td>B1-O-01</td>
<td>Wen-Shan Chen and Bang-Yun Lin</td>
<td>MICROTRIP-LINE-FED PRINTED SLOT ANTENNAS WITH HIGH GAIN
Department of Electronic Engineering, Southern Taiwan University of Science and Technology, Tainan, Taiwan</td>
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<td>B1-O-02</td>
<td>Sheng-Xiu Lin, Jun-Ming Xu, Liang-Bi Chen, and Chao-Tang Yu</td>
<td>DC-Based Power Line Communication Used in A Driving Safety Aided System
Department of Electronic Engineering, Southern Taiwan University of Science and Technology, Tainan, Taiwan</td>
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<td>B1-O-03</td>
<td>Yi-Cheng Lin, Fu-Lin Lin and Chao-Tang Yu</td>
<td>Multipath Modeling of In-Vehicle Power Line Communication Channels
Department of Electronic Engineering, Southern Taiwan University of Science and Technology, Tainan, Taiwan</td>
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<td>B1-O-04</td>
<td>Tsong-Shing Lee, Shao-En Huang, and Te-Chun Hung</td>
<td>Title: Investigation of Electric-Field Coupling Wireless Power Transfer System with Modular Expansion Capability for LED Lighting Application
Department of Electrical Engineering, Southern Taiwan University of Science and Technology, Tainan, Taiwan</td>
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	B1-O-05	Welsey Daniel C. Advincula [1], Chun-Ping Hsieh[2], Dr. Nilo T. Bugtai[1], Engr. Renann G. Baldovino[1], Dr. Aaron Raymond See[2], and Dr. Yi-Chun Du[2]	Title: TV White Space for Enabling Telemedicine Solutions to Rural Hospitals and Health Centers in a Developing Country [1]Manufacturing Engineering and Management Department, De La Salle University Manila, Philippines [2]Department of Electrical Engineering, Southern Taiwan University of Science and Technology Tainan, Taiwan	B1-07
	B1-O-06	Long-Sheng Li, and Ya-Zhu Hsu	Title: A SDN Based Handover Management Scheme for Taiwan High Speed Rail Department of Computer Science and Information Engineering, National Chiayi University, Chiayi, Taiwan	B1-08
16:00 – 16:30	Coffee Break			
16:30 – 17:00	B2-I-01	Jung-Hsien Chiang	Interdisciplinary innovation Application of Artificial Intelligence	B2-01
17:00 – 17:50	B2-O-01	Yu-Lin Jeng, Yu-Hsiu Lin, Yong-Ming Huang	Exploring the application of a digital game in programming education Southern Taiwan University of Science and Technology, Tainan, Taiwan	B2-04
	B2-O-02	Leonard Angelo N. Sabellina III, Jose Antonio G. Choco, Pei Ling Cheng, Renann Baldovino1and Dr. Aaron Raymond See	Concept and Design of an Automated Elevation Mapping System using a Laser Rangefinder and its Applications De La Salle University Taft, Manila, Philippines Southern Taiwan University of Science and Technology, Tainan, Taiwan	B2-05
	B2-O-03	Chia-Ju Kuo,Wen-De Chen, Yu-Hao Lin, Dr. Hang Hong Kuo and	Wherever You Go, Wherever You Sit Southern Taiwan University of Science and Technology, Tainan, Taiwan	B2-06

	B2-O-04	Dr. Aaron Raymond See		
		Ian Carlo M. Gandol, Gervin John T. Argente, Mick Reiy R. Meera and Engr. Evelyn L. De Castro	Aerial Human Detection using Image Processing for Search and Rescue Operations Lyceum of the Philippines University Batangas, Batangas City	B2-07
	B2-O-05	T. Chonbunrueang, W. Hengphiphat, W. Thipunand and E. Sumonphan	Scoreboard Controlled through Android Application Rajamangala University of Technology LANNA TAK, 63000, Thailand	B2-08

October 5 (Friday) / Venue : E504

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09:00 – 09:30	B2-I-02	Chunhua Su	Authentication Schemes for Next Generation of Computing Environments University of Aizu, Japan.	B2-02
09:30 – 10:00	B2-I-03	Man Ho AU	Cryptographic Techniques for Transaction Privacy in Blockchain-Based Applications Hong Kong Polytechnic University, Hong Kong.	B2-03
10:00 – 10:20			Coffee Break	
10:20 – 10:50	B1-I-02	Prof. V. Parthasarathy	Wearable Device Solution to Monitor Patient's Physical and Emotional Character by Fusing ECG and Respiratory Signals Department of Electronics and Communication Engineering, Vel Tech Rangarajan Dr Sagunthala R&D Institute of Science & Technology, India.	B1-02

| 10:50 – 11:20 | B1-O-06 | Prof. B.V.D Prasad | Title: Emotion and Heart Abnormality Detection Using ECG Signal - A Survey Department of Electronics and Communication Engineering, Vel Tech Rangarajan Dr Sagunthala R&D Institute of Science & Technology, India. | B1-09 |