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PARALEL SESSION

Paralel Session I (10.45-12.30), 24 Oct 2018 Healthy Technology I Room A Chair : Dr. An – Chao Tsai			
Time	ID	Title	Author(s)
10.45-11.00	2	Health Care Spoken Dialogue System for Diagnostic Reasoning and Medical Product Recommendation	Bo-Hao Su, Shih-Pang Tseng, Yu-Shan Lin, Jhing-Fa Wang
11.00-11.15	11	Automatic segmentation of esophageal cancer pathological sections based on semantic segmentation	Sizhe Li, Jiawei Zhang, Yuzhen Jin, Liping Zheng, Jilan Xu, Guanzhen Yu, Yanchun Zhang
11.15-11.30	12	Blood Flow Patterns in The Left Ventricle by Echodynamography Method	Sri Oktamuliani, Kaoru Hasegawa, Yoshifumi Saijo
11.30-11.45	16	Types of Technostress on Employees of IT Consulting Company	Alita Ferziani, Robert O Rajagukguk, Priska Analya
11.45-12.00	31	Design and Implementation of Cloud Service and APP for Drug-Drug Interaction	Li-Chai Chen, Jui-Le Chen, Shih-Pang Tseng
12.00-12.15	35	Motion Gesture Game for Measure Kinesthetic Level	Ezra Peranginangin, Christian, Emil R. Kaburuan, Boike Janus Anshory, Abba Suganda Girsang
12.15-12.30	25	Run for Fun: Shape Body and Knowledge through Playing	Tsai-Yun Mou, Zong-Xian Yin, Chia-Pin Kao, Horng-Horng Lin

Paralel Session I (10.45-12.15), 24 Oct 2018 Digital Business I Room B Chair : Dr. Ezra Perangin-Angin			
Time	ID	Title	Author(s)
10.45-11.00	10	Identifying Factors Affecting Smart City Adoption Using The Unified Theory of Acceptance and Use of Technology (UTAUT) Method	Hendro Gunawan
11.00-11.15	18	Evaluation of IS Risk Management Using Octave Allegro In Education Division	Jarot S Suroso, Sri Mumpuni Ngesti Rahaju, Kusradi

11.15-11.30	41	Evaluation of Knowledge Management System Application with Technology Acceptance Model Method In Education Division	Jarot S Suroso, Sasmoko, Rizki Fadhillah
11.30-11.45	55	Implementation SCRUM Method in Warehouse Receipt System Development	Suwarni, Bayu Nugroho Indriyanto, Emil R. Kaburuan, Parwito, Eko Darwiyanto, Joni W. Simatupang
11.45-12.00	39	Systems Thinking: a paradigm for advancing technology to enhance humanity	Hernandez Sibo-Ingrid, Gomez Celis-David A., Shyhnian Liou

Paralel Session II (15.15-16.45), 24 Oct 2018

IOT and Application

Room A

Chair : Dr. Tsai-Yun Mou

Time	ID	Title	Author(s)
15.15-15.30	33	Gamified SCRUM Design in Software Development Projects	Sherly Hermanto, Emil R. Kaburuan, Nilo Legowo
15.30-15.45	1	Study of Wireless Sensor Network Application for Dosimeter Personal Real Time	Ramacos Fardela, Kusminarto, Ahmad Ashari
15.45-16.00	23	Mobile Payment Services Adoption: The Role of Perceived Technology Risk	Trianggoro Wiradinata
16.00-16.15	37	Call for Green Vocabulary in IT: Need for more robust development of green vocabulary for ecological responsibility midst the changing landscape of green IT	Peter H-J Kim
16.15-16.30	7	A Study of Tourist Sequential Activity Pattern through Location Based Social Network (LBSN)	Anmoila Talpur, Yanchun Zhang
16.30-16.45	57	Monitoring of Electrical Output Power-Based Internet of Things for Micro-Hydro Power Plant	Setiawan Ginting, Joni Welman Simatupang, Iksan Bukhori, Emil R. Kaburuan

Paralel Session II (15.15-16.45), 24 Oct 2018 Data Mining and Intelligence Systems I Room B Chair : Dr. Hapnes Toba			
Time	ID	Title	Author(s)
15.15-15.30	4	Design and Implementation of Sentence Similarity Matching and Multimedia Feedback for Intelligent Pharmacy on Zenbo Robot	Chen Che-Wen, Bo-Rui Chen, Shih-Pang Tseng, Jhing-Fa Wang
15.30-15.45	5	DNN Regression Model and Microphone Array for Noise Reduction System on Real Field	Sheng-Chieh Lee Che-Wen Chen, Bo-Hao Su, Yi-Shiun Chen, Shih-Pang Tseng, Jhing-Fa Wang
15.45-16.00	50	The separation of drug dispensing from medical practice in Taiwan	Han-Chun Huang, Chin-Shun Huang
16.00-16.15	19	Future prospects of artificial intelligent and how it drive to smart society	Yi-Chun Lin
16.15-16.30	30	Empathy: Its Proximate and Ultimate Bases in Advancing Technology	Hsueh-Fang Wang, Shyhnan Liou
16.30-16.45	44	Brightness vs. Lightness Enhancement for Image Segmentation	Luh Putu Ayu Prapitasari
16.45-17.00	20	Solis: A Smart Interactive System for Houseplants Caring	Arno Penders, Johanna Renny Octavia, Michiel Caron, Fay de Haan, Thomas Devoogdt, Samnang Nop, Anthony McAtear, Olivier Pieters, Francis Wyffels, Steven Verstockt, Jelle Saldien

Paralel Session III (10.30-12.00), 25 Oct 2018 Healthy Technology II Room A Chair : Dr. Jarot S. Suroso			
Time	ID	Title	Author(s)
10.30-10.45	3	Automatic Drug Pills Detection based on Convolution Neural Network	Yang Yen Ou, An-Chao Tsai, Jhing-Fa Wang, Jiun Lin

10.45-11.00	8	Efficient and Effective Multi-person and Multi-angle Face Recognition based on Deep CNN Architecture	An-Chao Tsai, Yang-Yen Ou, Liu-Yi-Cheng Hsu, Jhing-Fa Wang
11.00-11.15	26	Efficient Emotion Recognition based on Hybrid Emotion Recognition Neural Network	Yang-Yen Ou, Bo-Hao Su, Shih-Pang Tseng, Liu-Yi-Cheng Hsu, Jhing-Fa Wang, Ta-Wen Kuan
11.15-11.30	27	Automatic Prescription Recognition System	Yang-Yen Ou, Shih-Pang Tseng, Jiun Lin, Xuan-Ping Zhou, Jhing-Fa Wang, Ta-Wen Kuan
11.30-11.45	38	Melanocyte Detection and Intercellular Distribution Analysis of Melasma in Harmonically Generated Microscopy Images	Gwo-Giun Lee, Hsien-Pin Chu, Chi-Kuang Sun, Yi-Hua Liao
11.45-12.00	15	A Comparison Study Between Deep Learning and Conventional Machine Learning on White Blood Cells Classification	Made Satria Wibawa
12.00-12.15	14	Knowledge and Prevention of Repetitive Strain Injury Among Computer Users	Rianto, Arif Hermawan, P. Insap Santosa

Paralel Session III (10.30-12.00), 25 Oct 2018
Data Mining and Intelligence Systems II
Room B
Chair : Dr. Abba Suganda Girsang

Time	ID	Title	Author(s)
10.30-10.45	29	Parametric model for image blur kernel estimation	Ao Zhang, Yu Zhu, Jinqiu Sun
10.45-11.00	6	Gated End-to-End Memory Network Based on Attention Mechanism	Bin Zhou, Xin Dang
11.00-11.15	9	A stock forecasting method based on combination of SDAE and BP	Zheng Li, Xin Dang
11.15-11.30	13	Design of Chinese Depression Spoken Speech Corpus Based on Psychological Self-related Processing	Xiaoyong Lu, Haizhen An, Yanqin Li, Renjun Li Chaochao Pan
11.30-11.45	17	Hyperspectral Image Classification Based on Convolutional Neural Networks With Adaptive Network Structure	Chen Ding, Wei Li, Lei Zhang, Chunna Tian, Wei Wei, Yanning Zhang
11.45-12.00	43	NUS-HLT Spoken Lyrics and Singing (SLS) Corpus	Xiaoxue Gao, Berrak Sisman, Rohan Kumar Das, Karthika Vijayan

Paralel Session IV (15.00-16.30), 25 Oct 2018 Information System Room A Chair : Dr. Shih-Pang Tseng			
Time	ID	Title	Author(s)
15.00-15.15	40	The Effect Of Successful Enterprise Resource Planning (Erp) Systems On Employee Performance	Jarot S Suroso, R. Bambang Budhijana, Rahma Indah Delfiani
15.15-15.30	48	Development of 3D Solar System Application Using RAD Model for Elementary Schools	Suhartono, Rachmawati Darma Astuti, Sfenrianto, Mustofa, Dewi Andriyani, Emil R. Kaburuan
15.30-15.45	53	Customer Acceptance Factors Against Internet Banking Analysis	Liza Yulianti, Emil R. Kaburuan, Karona Cahya Susena, Monica Mayeni, Wahyu Sardjono
15.45-16.00	54	Factors of Web Design, Application Design and Service Quality on Satisfaction of E-Billing Users in Indonesia	Leni Natalia Zulita, Abiyyu Fawwaz K, Sariful Bachtiar, Karona Cahya Susena, Sfenrianto, Emil R. Kaburuan
16.00-16.15	49	Information System Audit in SaaS Start-Up Company using COBIT 4.1 Focus on Deliver and Support Domain	Boike Janus Anshory, Sfenrianto, Emil R. Kaburuan, Ezra Peranginangin,
16.15-16.30	45	Financial Technology Integration Based on Service Oriented Architecture	Ardi Suryatmojo, Emil R. Kaburuan, Ahmad Nurul Fajar, Sepsellona Sutarty, Abba Suganda Girsang

Paralel Session IV (15.00-16.30), 25 Oct 2018 Digital Business II Room B Chair : Dr. Trianggoro Wiradinata			
Time	ID	Title	Author(s)
15.00-15.15	51	Business Intelligence for Analyzing Department Unit Performance in eProcurement System	Suwarni, Sani Muhamad Isa, Karona Cahya Susena, Eko Cahyo Nugroho, Abba Suganda Girsang, Davy Yeria Gunarso
15.15-15.30	52	Business Intelligence for Evaluating Loan Collection Performance at Bank	Karona Cahya Susena, Dita Madonna Simanjuntak, Parwito, Wardi Fadillah, Yulyardo, Abba Suganda Girsang

15.30-15.45	59	Sentiment Analysis about E-Commerce from Tweets Using Decision Tree, K-Nearest Neighbor, and Naïve Bayes	Achmad Bayhaqy, Sfenrianto, Kaman Nainggolan, Emil R. Kaburuan
15.45-16.00	28	Evaluation of Consumer-Grade SSD as a Primary Storage for Small-Scale Desktop Virtualization on VMware Environment	Marcel Yap