

## Track A (Jan 19)

Time	Paper No.	Title	Author(s)
<b>Session:</b> <i>ThuA1 - ECTI-ICROS Special Session on Advanced Control Designs and Applications</i>			
<b>Chair:</b> <i>Napasool Wongvanich</i>			
<b>Co-Chair:</b> <i>PooGyeon Park</i>			
10:00-10:15	1570848023	An LMI Approach to State Feedback Control of Non-Polynomial Systems with Input Constraints	Phing Lim; David Banjerdpongchai
10:15-10:30	1570848157	Stability and Hopf Bifurcation Analysis of Delayed Food-Chain Model with Fear and Harvesting	Sivasamy Ramasamy; David Banjerdpongchai
10:30-10:45	1570837301	Consensus Condition Based on Free-Matrix-Based Integral Inequality for Multi-Agent Systems with Time Delays	HoSub Lee; PooGyeon Park
10:45-11:00	1570844085	Combined Step-Size Generalized Continuous Mixed p-Norm Algorithm	Minho Lee; Seung Hyun Ryu; Chan Park; PooGyeon Park
11:00-11:15	1570847116	Denosing and Demodulation in CW Radar: A Machine Learning Approach Based on Synthetic Vital Signals	Won Yeol Yoon; Byeong Jun Kim; Nam Kyu Kwon
11:15-11:30	1570843908	Deep Reinforcement Learning with HER for Path Planning of Mobile Robot	Min Jae Park; Byeong Jun Kim; Nam Kyu Kwon
<b>Session:</b> <i>ThuA2 - ECTI-SICE Special Session on Advances in Control Engineering and Applications</i>			
<b>Chair:</b> <i>Sudchai Boonto</i>			
<b>Co-Chair:</b> <i>Kou Yamada</i>			
13:00-13:15	1570848804	Effects of Dimensionality Reduction on Classifier Training Time and Quality	Auapong Yaicharoen; Kotaro Hashikura; Md Abudus samal Kamal; Iwanori Murakami; Kou Yamada
13:15-13:30	1570843873	A Study on Reduction of the Number of Motion Control Motors of a Wheeled Snake Robot	Yuuki Katou; Takaaki Hagiwara; Yuudai Kusano
13:30-13:45	1570853415	Matlab Platform Remote Control System Experiments	Sungwan Bokuwan
13:45-14:00	1570848445	Digital Retail Shop Services in Cyber-Physical Retail System: A Case Study of Food Business	Chavapol Yensabai; Teema Leangarn; Diew Koolpiruck; Waranyu Ngoenthai
14:00-14:15	1570855195	The Study of Sementic Deep Learning Segmentation for Durian Orchard	Sungwan Bokuwan
14:15-14:30	1570837704	Crop Prediction Based on Soil Nutrients Using Fuzzy Approach	Swathi T; Selvaraj Sudha
<b>Session:</b> <i>ThuA3 - Robotics</i>			
<b>Chair:</b> <i>Kanjanapan Sukvichai</i>			
<b>Co-Chair:</b> <i>Kittipong Yaovaja</i>			
14:45-15:00	1570846399	Parameter Identification of a Robot Manipulator with Nonlinear Friction Model	Woraphrut Kornmaneesang; Chen Shyh-Leh
15:00-15:15	1570836706	Design and Development of Navigation System for an Autonomous Vehicle	Benjamas Panomruttanarug; Thanakorn Ketnoi; Ashis Kumar Ojha; Natthawut Boonruam
15:15-15:30	1570837515	Asynchronous and Synchronous Federated Learning-Based UAVs	Itika Sharma; Ayushe Sharma; Sachin Kumar Gupta
15:30-15:45	1570847867	A Comparative Study of Vehicle Platoon with Limited Output Information in Directed Topologies	Agung Prayitno; Veronica Indrawati; Itthisek Nilkhamhang
15:45-16:00	1570848677	Experimental Instrument for Studying Scaled Tire's Slip-Friction Characteristics	Ronnapee Chaichaowarat; Sirawich Wongwaisayawan