

**Track B (Jan 19)**

Time	Paper No.	Title	Author(s)
<b>Session: ThuB1 - Artificial</b>			
<b>Chair: Rardchawadee Silapunt</b>			
<b>Co-Chair: Koonlachat Meesublak</b>			
10:00-10:15	1570845788	Monocular Visual Odometry for Small UAVs	Sutthiphong Srigrarom
10:15-10:30	1570841540	Point Cloud Based Guidance for Autonomous Mobile Robot in Sugarcane Plantation	Surachai Rodsai; Chowarit Mitsantisuk; Atsushi Takahashi; Anusorn Iamrurksiri
10:30-10:45	1570844024	A Method for Football Players Detection on the Soccer Field by Integrated Image Processing Techniques	Pachara Tumtong; Phokin Promvijittrakarn; Paanchat Pattanaworapan; Theekapun Charoenpong
10:45-11:00	1570842967	Residential Versus Migratory Bird Flight: Classification by Trajectories Characterization	Sutthiphong Srigrarom; Chonnapatt Phichayophas; Suwarin Pattanachuanchom
11:00-11:15	1570843694	A Skin Segmentation Method for Touchless Image Viewer in the Operating Room by 2D Camera	Pichayapa Rungpanich; Paanchat Pattanaworapan; Kraiyot Kiatsoontorn; Theekapun Charoenpong
<b>Session: ThuB2 - Artificial</b>			
<b>Chair: Kitsuchart Pasupa</b>			
<b>Co-Chair: Somvina Thainimit</b>			
13:00-13:15	1570843939	The Machine Learning-Based Algorithm for Solving Inverse Kinematics of the Robot Manipulator	Byeong Jun Kim; Won Yeol Yoon; Nam Kyu Kwon
13:15-13:30	1570847510	Bleeding Region Segmentation in Wireless Capsule Endoscopy Images by K-Mean Clustering Technique	Areeya Seebutda; Sirilak Sakuncharoenchaiya; Nuwee Wiwatwattana; Amber Charoen; Kawee Numpacharoen; Theekapun Charoenpong
13:30-13:45	1570848234	Teeth Detection for Panoramic Dental X-Ray Image by Rotated Tooth Template for Telemedicine Technology	Nirunchara Sirinart; Wanwisa Paton; Piyamaporn Wareethip; Theekapun Charoenpong
13:45-14:00	1570849041	Real-Time Image Processing for Production Tracking in Manufacturing Plant	Koksal Chou; Chawalit Jeenanunta; Wetu Vexo; Apinun Tunpan; Nisit Sirimarnkit; Tith Vong; Kosorl Thourn
14:00-14:15	1570837611	Robot Arm Movement Control by Model-Based Reinforcement Learning Using Machine Learning Regression Techniques and Particle Swarm Optimization	Kittipong Boonlong
<b>Session: ThuB3 - Special Session on</b>			
<b>Chair: Natt Leelawat</b>			
<b>Co-Chair: Jing Tang</b>			
14:45-15:00	1570843718	The 2022 Rayong Oil Spill Crisis in Thailand: An Identification for Reliability and Nearly-Real Time Data Using Twitter	Kumpol Saengtabtum; Ampan Laosunthara; Jing Tang; Natt Leelawat
15:00-15:15	1570848308	Seeing A Status of Industrial Complex Activity Through an Air Quality: Central Region, Thailand	Akira Kodaka; Natt Leelawat; Jing Tang; Yasushi Onda; Naohiko Kohtake
15:15-15:30	1570847266	Inertial and Magnetic Measurement Unit-Based Orientation Estimation Using a Parallel Neural Network	Ji Seok Choi; Chang June Lee; Jung Keun Lee
15:30-15:45	1570842088	Investigation on MLP, CNNs and Vision Transformer Models Performance for Extracting Human Emotions via Facial Expressions	Aomsup Panlima; Kanjanapan Sukvichai