

## UT23 Student Poster Competition

PAPER No.	ID	Names of presenting students are underlined	
SP01	2005	Information-Preserved Blending Method for Forward-Looking Sonar Mosaicing in Non-Ideal System Configuration <u>Jiayi Su</u> <sup>1</sup> , Xingbin Tu <sup>1</sup> , Fengzhong Qu <sup>1,2</sup> , Yan Wei <sup>1</sup> <sup>1</sup> Zhejiang University, <sup>2</sup> Hainan Institute of Zhejiang University	Poster Session 1
SP02	2019	Semantic Segmentation of seafloor images in Philippines based on semi-supervised learning <u>Shulei Wang</u> <sup>1</sup> , Katsunori Mizuno <sup>1</sup> , Shigeru Tabeta <sup>1</sup> , Terayama Kei <sup>2</sup> <sup>1</sup> The University of Tokyo, <sup>2</sup> Yokohama City University	Poster Session 2
SP03	2020	Neural Network based CPG Control Method of Undulating Fin in Underwater Biomimetic Robot <u>Taesik Kim</u> , Myeong-joon Kim, Son-Cheol Yu POSTECH	Poster Session 1
SP04	2029	Marine Snow Simulation and Elimination in Video <u>Jeremy Paul Coffelt</u> <sup>1</sup> , Nicolas Nowald <sup>2</sup> , Peter Kampmann <sup>1</sup> <sup>1</sup> ROSEN Technology and Research Center GmbH, <sup>2</sup> University of Bremen ROSEN Technology and Research Center GmbH	Poster Session 2
SP05	2039	Performance Comparison of Differential OFDM Employing Multiple Differential Detection for Underwater Acoustic Communications <u>Taichi Fujita</u> , Hiroshi Kubo Ritsumeikan University	Poster Session 1
SP06	2051	Development and Sea Trial of the Floating Kuroshio Turbine <u>Ling-Ji Mu</u> , Tien-En Hou, Yu-Ting Hung, Sheng-Wei Huang, Edward Chen, Forng-Chen Chiu, Jenhwa Guo National Taiwan University	Poster Session 2
SP07	2058	Development of long-term observation system using cable-restricted underwater vehicle <u>Yoshiki Tanaka</u> , Jiro Fukuda, Yuya Nishida, Kazuo Ishii Kyushu Institute of Technology	Poster Session 1
SP08	2059	Hydrodynamic Parameter Estimation of A 20kW Floating Kuroshio Turbine Operating in Steady State <u>Tien-En Hou</u> , Edward Chen, Ling-Ji Mu, Forng-Chen Chiu, Sheng-Wei Huang, Jenhwa Guo National Taiwan University	Poster Session 2
SP09	2069	Vector Field-Based Guidance Method for Collision Avoidance of Unmanned Surface Vehicles <u>Qing-Da Chen</u> , Sheng-Wei Huang, Ming-Hsin Ho, Feng-Yeang Chung, Chun-Han Chu, Chi-Min Liao, Jenhwa Guo National Taiwan University	Poster Session 1
SP10	2073	Hydrodynamic study of hybrid aerial underwater vehicle in the wind, wave, and current environment <u>Tongjin Wei</u> , Ziyi Zhou, Yingdong Wang, Zheng Zeng Shanghai Jiao Tong University	Poster Session 2
SP11	2074	Observability analysis of acoustic positioning for multi-agent underwater vehicles <u>Yuki Sekimori</u> , Toshihiro Maki, Umesh Neethiyath, Chihaya Kawamura, Sehwa Chun The University of Tokyo	Poster Session 1
SP12	2076	Video analysis of an ecological monitoring at 2022 spring using Deep-sea deployed camera (EDOKKO Mark 1 series) in the seabed of off Minamitori Island <u>Nana Yoshioka</u> <sup>1</sup> , Shinsuke Kawagucci <sup>2</sup> , Tetsuya Miwa <sup>2</sup> , Hiroyuki Yamamoto <sup>2</sup> <sup>1</sup> Yokohama City University, <sup>2</sup> Japan Agency for Marine-Earth Science and Technology	Poster Session 2
SP13	2095	Time-Synchronized Projector-Camera System Design and Underwater Sharpening Image Acquisition Experiment <u>Jinlun Han</u> , Hyoga Yamamoto, Yuya Nishida, Shinsuke Yasukawa Kyushu Institute of Technology	Poster Session 1

Poster Session 1: Tuesday 7 March 13:15-14:30

Poster Session 2: Wednesday 8 March 10:45-12:00