

Session Information

November 28, 2024 (Thursday)	
09:00~09:30	Registration, Coffee Service (RCAST - U-Tokyo)
09:30~10:00	Opening Ceremony (ENEOS Main Hall)
10:00~10:50	Keynote Speech I (ENEOS Main Hall)
11:00~11:50	Keynote Speech II (ENEOS Main Hall)
12:00~12:50	Lunch
13:00~14:30	Sessions 1 (ENEOS Main Hall) Sessions 2 (ENEOS-2)
14:30~15:00	Coffee Break
15:00~16:15	Sessions 3 (ENEOS Main Hall)
18:00~20:30	Reception (Komaba II, U-Tokyo)

November 29, 2024 (Friday)	
9:30~10:00	Coffee Service
10:00~10:50	Keynote Speech III (ENEOS Main Hall)
11:00~11:50	Sessions 4 (ENEOS Main Hall)
12:00~12:50	Lunch
13:00~14:30	Sessions 5 (ENEOS Main Hall) Sessions 6 (ENEOS-2)
14:30~15:00	Coffee Break
15:00~16:15	Sessions 7 (ENEOS Main Hall) Sessions 8 (ENEOS-2)
17:00~18:30	Closing Ceremony (ENEOS Main Hall - U-Tokyo)

Presentation Timing Overview

Session 4 only	
Total 24 minutes	
Presentation (20 min)	Q&A (4 min)

Other sessions (1,2,3,5,6,7,8)	
Total 17 minutes	
Presentation (15 min)	Q&A (2 min)

Program

Date: November 28 (Thursday)	
Time: 13:00 ~ 14:30	
Location: ENEOS Hall (main)	
Paper No.	Session 1: Smart Home and Smart City Chair: Manabu Tsukada, Ehsan Javanmardi
C000018	An Effective Vehicle Trajectory Restoration Algorithm Based on Center Trajectory Yung-Hao Shiau, Chih-Chieh Hung, Chun-Wei Tsai
C000016	Connected Shared Spaces: Expert Insights into the Impact of eHMI and SPIU for Next-Generation Pedestrian-AV Communication Vishal Chauhan, Anubhav Anubhav, Chia-Ming Chang, Jin Nakazato, Ehsan Javanmardi, Alex Orsholits, Takeo Igarashi, Kantaro Fujiwara, Manabu Tsukada
C000052	PLATONE: Assessing Simulation Accuracy of Environment-Dependent Audio Spatialization Alex Orsholits, Eric Nardini, Tsukada Manabu
C000022	Generating Spatially-Aware Dense Video Captions for Indoor Human Behavior Analysis with Position-Based Scene Knowledge Bin Chen, Yugo NAKAMURA, Shogo FUKUSHIMA, Yutaka ARAKAWA
C000026	Neural Error Covariance Estimation for Precise LIDAR Localization Minoo Dolatabadi, Fardin Ayar, Ehsan Javanmardi, Manabu Tsukada, Mahdi Javanmardi

Date: November 28 (Thursday)	
Time: 13:00 ~ 14:30	
Location: ENEOS 2	
Paper No.	Session 2: Security and Privacy, Big Data Chair: Yoshiaki Narusue, Jimmy Ming-Tai Wu
C000030	Identification of first-level national protected animals based on YOLOv5 and YOLOv8 algorithms Haoyu Wang, Ta-Wen Kuan, Xiaodong Yu
C000024	Geographic-Aware Network Analysis and Visualization System for CAVs Koichi Kambara, Ehsan Javanmardi, Jin Nakazato, Shunya Yamada, Hiroaki Takada, Yousuke Watanabe, Kenya Sato, Manabu Tsukada
C000010	OAuth 2.0 Authentication Framework with Context-based Risk Assessment for AI Chatbot-based RPA Soonhong Kwon, Wooyoung Son, Jong-Hyouk Lee
C000021	An Effective Text Data Augmentation Method for Filtering Inappropriate Webpages You-Cheng Chen, Cheng-Han Hsieh, Shou-Chuan Lai, Whai-En Chen, Chun-Wei Tsai

Date: November 28 (Thursday)	
Time: 15:00 ~ 16:15	
Location: ENEOS Hall (main)	
Paper No.	Session 3: Deep learning and Intelligent System Chair: Ehsan Javanmardi, Alex Orsholits
C000036	Cross-Attention Enhanced Imitation Learning for End-to-end Autonomous Driving in Unprotected Turns Dongyang Li, Ehsan Javanmardi, Naren Bao, Manabu Tsukada
C000040	Exploring LLM architecture for generating Cypher queries Dimitrios Giakatos, Romain Fontugne
C000011	Secure User-to-Chatbot Authentication Using One-Time Session Keys Based on DID Wooyoung Son, Soonhong Kwon, Jong-Hyook Lee
C000014	iTOChat2024: Development and Evaluation of a Department Recommendation Bot for Open Campus Sho Futamura, Isshin Nakao, Shusaku Kita, Ryusei Fujimoto, Tsunenori Mine

Date: November 29 (Friday)	
Time: 11:00 ~ 11:50	
Location: ENEOS Hall (main)	
Paper No.	Session 4: Deep learning and Intelligent System Chair: Manabu Tsukada, Chun-Wei Tsai
C000044	TimeSync: GAN-Driven Temporal Feature Synchronization for Robust Collaborative Perception in Autonomous Driving Yalong Li, Zhaoyang Du, Rui Yin, Wugedele Bao, Ha Si, Celimuge Wu
C000028	LiDAR-Camera Fusion for Video Panoptic Segmentation without Video Training Fardin Ayar, Ehsan Javanmardi, Manabu Tsukada, Mahdi Javanmardi, Mohammad Rahmati

Date: November 29 (Friday) Time: 13:00 ~ 14:30 Location: ENEOS Hall (main)	
Paper No.	Session 5: Deep learning, Intelligent System and Augmented Reality Chair: Manabu Tsukada, Jin Nakazato
C000015	Mining Cross-level FrequentWeighted Closed Itemsets in Hierarchical Quantitative Databases Jimmy Ming-Tai Wu, Tian-Yi Guo, Chun-Wei Tsai
C000031	Where Do You Go? Pedestrian Trajectory Prediction using Scene Features Mohammad Ali Rezaei, Fardin Ayar, Ehsan Javanmardi, Manabu Tsukada, Mahdi Javanmardi
C000046	Design of an Orchestrator for Network-Controlled Repeaters Takuya Takahashi, Jin Nakazato, Kazuki Maruta, Arokia Nathan, S.B Cha
C000041	UAV Autonomous Control Using Multi-Agent Reinforcement Learning in a Cooperative Control UAV Network Hideya So, Jin Nakazato
C000039	3D Object Detection Enhancement Based on Multi-frame Point Cloud Registration (MF-PCR) Jun-Rui Wang, Hsiang-Jui Lin, Chi-Sheng Shih

Date: November 29 (Friday) Time: 13:00 ~ 14:30 Location: ENEOS 2	
Paper No.	Session 6: Intelligent of Things and Augmented Reality Chair: Jong-Hyouk Lee, Naren Bao
C000029	Research on the Human-Style Generation Mechanism of Large Language Models Based on Prompt Tuning — Optimization and Evaluation of AI Detectors under the SICO Method jiawei ding, lingyue pan, xinrong zhu, ying chen
C000035	MR Kabuki: Mixed Reality Enabled Performing Arts Soko Aoki, Akinori Inada, Masashi Tomita
C000012	Digital Twin Based Open Platform for IoT Offloading Control: Enabling System Transparency and User Participation Yusuke Sugizaki, Jin Nakazato, Manabu Tsukada
C000032	An Accurate Weight Classification System for Live Fishes Whai-En Chen
C000019	An Effective Metaheuristic-Based Structured Pruning Method for Transformer in Short-Term Load Forecasting Luo-Fan Wu, Gagan Vishwakarma, Chun-Wei Tsai

Date: November 29 (Friday) Time: 15:00 ~ 16:15 Location: ENEOS Hall (main)	
Paper No.	Session 7: Machine Learning and Data Mining Chair: Naren Bao, Alex Orsholits
C000034	Classroom Behavior Identification and Analysis based on ResNet-50 and YOLOv5 Xin Guo, Zi yue Wang, Xuan Sun, Ping Dong, Yi Yang
C000020	A Training-free Neural Architecture Search for Electricity Load Prediction Ting-Hsuan Pei, agan Vishwakarma, Chun-Wei Tsai
C000027	Unsupervised Person re-identification Using Generative Adversarial Networks Romina Zakerian, Ehsan Javanmardi, Manabu Tsukada, Mahdi Javanmardi, Mohammad Rahmati
C000017	Paired-Data Transformations for Weather-Affected Images Jung Hwan Kim, Dong Seog Han

Date: November 29 (Friday) Time: 15:00 ~ 16:15 Location: ENEOS 2	
Paper No.	Session 8: Intelligent Networks and Mobile Computing Chair: Jin Nakazato, Manabu Tsukada
C000023	Toward 6G Mobility Networks: A Proposal for Cell-Free Cooperative Distributed Beamforming Jin Nakazato, Sojin Ozawa, Yuki Sasaki, Kengo Suzuki, Kazuki Maruta, Tetsuya Iye, Yuki Susukida, Eisaku Sato, Manabu Tsukada
C000047	Design of Network-Controlled Repeter Deployment toward mmWave Coverage Enhancement Taisei Miyaoka, Yuki Sasaki, Kazuki Maruta, Jin Nakazato, Arokia Nathan, S.B Cha
C000033	Redundancy Mitigation Rules Considering Vehicle Driving Environment for Collective Perception Messages Shinya Yamasaki, Onur Alparslan, Kenya Sato
C000045	Performance Analysis of Collaborative Uplink MIMO Transmission Considering Signaling Overhead Anbo Yue, Kazuki Maruta