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)
18:30~21:00	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: Novermber 28 (Thursday) Time: 13:00 ~ 14:30 Location: ENEOS Hall (main)	
Paper No.	**Session 1: Smart Home and Smart City** Chair:
C000018	**An Effective Vehicle Trajectory Restoration Algorithm by Using 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
C000020	**A Training-free Neural Architecture Search for Electricity Load Prediction** Ting-Hsuan Pei, Chun-Wei Tsai
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
C000015	**Mining Cross-level FrequentWeighted Closed Itemsets in Hierarchical Quantitative Databases** Jimmy Ming-Tai Wu, Tian-Yi Guo, Chun-Wei Tsai

Date: Novermber 28 (Thursday) Time: 13:00 ~ 14:30 Location: ENEOS 2	
Paper No.	**Session 2: Security and Privacy, Big Data** Chair:
C000030	**Identification of first-level national protected animals based on YOLOv5 and YOLOv8 al-gorithms** Haoyu Wang, Ta-Wen Kuan, Xiaodong Yu
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
C000013	**Core Trends in Complex Networks for Social Network Analysis** Matin Pirouz
C000010	**OAuth 2.0 Authentication Framework with Context-based Risk Assessment for AI Chatbot-based RPA** Soonhong Kwon, Wooyoung Son, Jong-Hyouk Lee
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

Date: Novermber 28 (Thursday) Time: 15:00 ~ 16:15 Location: ENEOS Hall (main)	
Session 3: Deep learning and Intelligent System	
Paper No.	Chair:
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-Hyouk 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: Novermber 29 (Friday) Time: 11:00 ~ 11:50 Location: ENEOS Hall (main)	
Session 4: Deep learning and Intelligent System	
Paper No.	Chair:
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: Novermber 29 (Friday) Time: 13:00 ~ 14:30 Location: ENEOS Hall (main)	
Paper No.	**Session 5: Deep learning, Intelligent System and Augmented Reality** Chair:
C000026	**Neural Error Covariance Estimation for Precise LIDAR Localization** Minoo Dolatabadi, Fardin Ayar, Ehsan Javanmardi, Manabu Tsukada, Mahdi Javanmardi
C000019	**An Effective Metaheuristic-Based Structured Pruning Method for Transformer in Short-Term Load Forecasting** Luo-Fan Wu, Gagan Vishwakarma, Chun-Wei Tsai
C000046	**Design of an Orchestrator for Network-Controlled Repeaters** Takuya Takahashi, Jin Nakazato, Kazuki Maruta, Arokia Nathan, S.B Cha
C000052	**PLATONE: Assessing Simulation Accuracy of Environment-Dependent Audio Spatialization** Alex Orsholits, Eric Nardini, Tsukada Manabu
C000039	**3D Object Detection Enhancement Based on Multi-frame Poin Cloud Registration (MF-PCR)** Jun-Rui Wang, Hsiang-Jui Lin, Chi-Sheng Shih

Date: Novermber 29 (Friday) Time: 13:00 ~ 14:30 Location: ENEOS 2	
Paper No.	**Session 6: Intelligent of Things and Augmented Reality** Chair:
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
C000031	**Where Do You Go? Pedestrian Trajectory Prediction using Scene Features** Mohammad Ali Rezaei, Fardin Ayar, Ehsan Javanmardi, Manabu Tsukada, Mahdi Javanmardi
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
C000035	**MR Kabuki: Mixed Reality Enabled Performing Arts** Soko Aoki, Akinori Inada, Masashi Tomita

Date: Novermber 29 (Friday) Time: 15:00 ~ 16:15 Location: ENEOS Hall (main)	
Session 7: Machine Learning and Data Mining	
Paper No.	Chair:
C000027	**Unsupervised Person re-identification Using Generative Adversarial Networks** Romina Zakerian, Ehsan Javanmardi, Manabu Tsukada, Mahdi Javanmardi, Mohammad Rahmati
C000041	**UAV Autonomous Control Using Multi-Agent Reinforcement Learning in a Cooperative Control UAV Network** Hideya So, Jin Nakazato
C000034	**Classroom Behavior Identification and Analysis based on ResNet-50 and YOLOv5** Xin Guo, Zi yue Wang, Xuan Sun, Ping Dong, Yi Yang
C000017	**Paired-Data Transformations for Weather-Affected Images** Jung Hwan Kim, Dong Seog Han

Date: Novermber 29 (Friday) Time: 15:00 ~ 16:15 Location: ENEOS 2	
Session 8: Intelligent Networks and Mobile Computing	
Paper No.	Chair:
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