

Session	Day	Slot	Room	Order	Category	Paper ID	Author Names	Paper Title
SS-06-Artificial Intelligence for Medical/Healthcare Systems	S	1	A		Chair		Daisuke Fujita (University of Hyogo)	
SS-06-Artificial Intelligence for Medical/Healthcare Systems	S	1	A	1	Full paper	120	Shotaro Ohno (University of Fukui); Kouki Nagamune (University of Hyogo)	Development of Gait Classification System Using Six-Axis Inertial Sensors by CNN-LSTM
SS-06-Artificial Intelligence for Medical/Healthcare Systems	S	1	A	2	Full paper	193	Kentarō Nishida (Mie University); Kento Morita (Mie University); Naosuke Enomoto (Mie University); Shoichi Magawa (Mie University); Masafumi Nii (Mie University); Tetsushi Wakabayashi (Mie University)	Analysis of Placental Oxygenation in BOLD MRI for Fetal Growth Restriction Estimation
SS-06-Artificial Intelligence for Medical/Healthcare Systems	S	1	A	3	Full paper	60	Shota Yamada (University of Fukui); Kouki Nagamune (University of Hyogo); Taisei Inoue (University of Fukui Hospital); Masafumi Kubota (Kanazawa University); Hideaki Matsuo (University of Fukui Hospital)	Estimation of the Degrees of Tilt of the Upper Body Postural Body Axis Using Optical Motion Analyzer
SS-06-Artificial Intelligence for Medical/Healthcare Systems	S	1	A	4	Full paper	196	Kota Takahashi (Mie University); Kento Morita (Mie University); Tomohito Hagi (Mie University Hospital); Tomoki Nakamura (Mie University Hospital); Kunihiro Asanuma (Mie University Hospital); Akihiro Sudo (Mie University Hospital); Tetsushi Wakabayashi (Mie University)	Survival Time Prediction of Patients with Soft Tissue Tumor Using Biopsy Pathological Images
SS-06-Artificial Intelligence for Medical/Healthcare Systems	S	1	A	5	Full paper	78	Azuma Shiraiwa (University of Fukui); Kouki Nagamune (University of Hyogo); Masafumi Kubota (Kanazawa University); Hideaki Matsuo (University of Fukui Hospital)	Frequency Analysis for Measuring Tremor with VR Nose-Finger Test Based on Optical Device
SS-06-Artificial Intelligence for Medical/Healthcare Systems	S	1	A	6	Short paper	227	Yukina Nishigaki (Mie University); Kento Morita (Mie University); Kenta Yoshida (Mie University); Eiji Kondo (Mie University); Tetsushi Wakabayashi (Mie University)	Prediction of Parametrial Invasion of Cervical Cancer Using Radiomics and CNN Features
SS-22-Legal Issues on the Generative AI	S	1	B		Chair		Jung-Sook Kim (Kimpoo University)	
SS-22-Legal Issues on the Generative AI	S	1	B	1	Late Breaking paper	508	Jung-Sook Kim (Kimpoo University)	Discussion on the Use of Generative AI Outputs and Trade Secret Protection
SS-22-Legal Issues on the Generative AI	S	1	B	2	Late Breaking paper	507	JungWon Shin (Telecommunications Technology Association); JaeYoung Hwang (Telecommunications Technology Association)	Artificial Intelligence Based Synthetic Content Transparency - Stakeholders on Watermark -
SS-10-Soft Computing and Artificial Intelligence	S	1	B		Chair		Nobuaki Kobayashi (Nihon University)	
SS-10-Soft Computing and Artificial Intelligence	S	1	B	1	Full paper	261	Yukako Nakano (Ochanomizu University); Ichiro Kobayashi (Ochanomizu University)	Generation of Natural Language Responses to Questions about the Relationship between Two Time-series Data
SS-10-Soft Computing and Artificial Intelligence	S	1	B	2	Full paper	85	Nastuki Sawasaki (University of the Ryukyus); Satoshi Endo (University of the Ryukyus)	Proposal of a Long-Text Generation Method Considering Article Structure Using ChatGPT
SS-10-Soft Computing and Artificial Intelligence	S	1	B	3	Short paper	208	Bismark K. Asiedu Asante (Soka University); Hiroki Imamura (Soka University)	Semantics Indoor Navigation Using A Path Finding And Spatial Mapping for Assisting Visually Impaired Person
SS-10-Soft Computing and Artificial Intelligence	S	1	B	4	Short paper	200	Kyoungrae Noh (Sungkyunkwan University); San Kim (Sungkyunkwan University); Jaekwang Kim (Sungkyunkwan University)	CAWA: Correlation-based Adaptive Weight Adjustment via Effective Fields for Debiasing
SS-17-Artificial Intelligence Application for Image Processing	S	1	C		Chair		Tohru Kamiya (Kyushu Institute of Technology)	
SS-17-Artificial Intelligence Application for Image Processing	S	1	C	1	Full paper	109	Kenta Nabeshima (Kyushu Institute of Technology); Takashi Terasawa (University of Occupational and Environmental Health); Tohru Kamiya (Kyushu Institute of Technology); Takatoshi Aoki (University of Occupational and Environmental Health)	Registration of Spinal Region on CT Images Based on SuperPoint with Convolutional Block Attention Module
SS-17-Artificial Intelligence Application for Image Processing	S	1	C	2	Full paper	67	Tomoaki Murakami (Kyushu Institute of Technology); Akiyoshi Yamamoto (Tobata Kyoritsu Hospital); Tohru Kamiya (Kyushu Institute of Technology)	Registration Method for Head CT and MR Images Based on TransMorph Incorporated ASPP
SS-17-Artificial Intelligence Application for Image Processing	S	1	C	3	Full paper	65	Shuji Sawada (Kyushu Institute of Technology); Guangxu Li (Tiangong University); Seichi Murakami (Junshin Gakuen University); Tohru Kamiya (Kyushu Institute of Technology)	A Denoising Method from Low-dose CT Images Based on Improved U-Net with Attention Mechanism
SS-17-Artificial Intelligence Application for Image Processing	S	1	C	4	Short paper	106	Yudai Watanabe (Kyushu Institute of Technology); Tohru Kamiya (Kyushu Institute of Technology)	Detection of Temporal Changes from Satellite Images Based on Improved SNU-Net-CD
SS-17-Artificial Intelligence Application for Image Processing	S	1	C	5	Short paper	103	Shun Matsumoto (Kyushu Institute of Technology); Tohru Kamiya (Kyushu Institute of Technology)	Super Resolution of Remote Sensing Image Using Improved SwinIR
GS-07-Machine Learning/Data Mining	S	1	D		Chair		Shinya Watanabe (Muroran Institute of Technology)	
GS-07-Machine Learning/Data Mining	S	1	D	1	Full paper	251	Shunga Matsuo (Muroran Institute of Technology); Satoshi Kondo (Muroran Institute of Technology); Yusuke Imamura (Japan Steel Works M&E, Inc.); Kenji Takase (Japan Steel Works M&E, Inc.); Shinya Watanabe (Muroran Institute of Technology)	A Shape-Based Similarity Calculation Method for Cost Estimation of Large Forged Steel Products
GS-07-Machine Learning/Data Mining	S	1	D	2	Full paper	182	Shouta Abiru (Hiroshima City University); Keiichi Tamura (Hiroshima City University)	DFedMD: Decentralized Federated Learning using Model Distillation
GS-07-Machine Learning/Data Mining	S	1	D	3	Full paper	7	Keita Fukuyama (Kyoto University Hospital)*; Yukiko Mori (Kyoto University Hospital); Tomohiro Kuroda (Kyoto University Hospital); Hiroaki Kikuchi (Meiji University)	Cancer Risk Evaluation with Diabetes Mellitus by a Large Medical Claims Dataset
GS-07-Machine Learning/Data Mining	S	1	D	4	Full paper	218	Poltak Sandro Rumahorbo (Muroran Institute of Technology); Stefan Baar (Muroran Institute of Technology); Satoshi Kondo (Muroran Institute of Technology); Nobuhiro Yazawa (Tsukishima JFE Aqua Solution Co., Ltd.); Hiroki Ito (Tsukishima JFE Aqua Solution Co., Ltd.); Jun Sugimoto (Tsukishima JFE Aqua Solution Co., Ltd.); Yoshifumi Okada (Muroran Institute of Technology); Kazuhiko Sato (Muroran Institute of Technology); Shinya Watanabe (Muroran Institute of Technology)	Filtrate Estimation from Filter Press Process in a Water Treatment Facility based on Image Analysis
GS-07-Machine Learning/Data Mining	S	1	D	5	Short paper	234	Keiichi Obayashi (OMRON Corporation); Sho Sasaki (OMRON Corporation); Shinichi Hosomi (OMRON Corporation); Hiroshi Nakajima (Tokyo Metropolitan University)	Estimating Shape and Size of Objects based on Experts' Visual Perception
GS-07-Machine Learning/Data Mining	S	1	D	6	Late Breaking paper	502	Hye-Rim Ju (Kyungnam University); Wang-Su Jeon (Kyungnam University); Sang-Yong Rhee (Kyungnam University)	A Top-N Recommendation System for Traveling with Companion Animals in Gangwon State, South Korea

Session	Day	Slot	Room	Order	Category	Paper ID	Author Names	Paper Title
GS-14-Evolutionary Computation	S	1	E		Chair		Masataka Tokumaru (Kansai University)	
GS-14-Evolutionary Computation	S	1	E	1	Full paper	91	Akira Takahashi (Niigata University); Chao Zhang (University of Toyama); Jun Yu (Niigata University)	Generating Adversarial Examples for 3D Point Clouds Using Evolutionary Algorithms
GS-14-Evolutionary Computation	S	1	E	2	Full paper	17	Shilong Zhang (Niigata University); Yuefeng Xu (Niigata University); Rui Zhong (Hokkaido University); Chao Zhang (University of Toyama); Jun Yu (Niigata University)	Simplified Multiplayer Battle Game-inspired Optimizer with Diverse Search Strategies
GS-14-Evolutionary Computation	S	1	E	3	Full paper	69	Xiaoyi Zhang (University of Aizu); Yan Pei (University of Aizu); Huiyan Jiang (Northeastern University)	Optimization Performance Analysis of Different Initialization Methods in Single-objective and Multi-objective Chaotic Evolution
GS-14-Evolutionary Computation	S	1	E	4	Short paper	172	Kohei Oda (Japan Advanced Institute of Science and Technology); Yoshiko Hanada (Kansai University); Yukiko Orito (Tamagawa University)	Investigating Global Search Performance of Multi-Objective Genetic Algorithm based on Innately Split Model
GS-14-Evolutionary Computation	S	1	E	5	Short paper	173	Ryoto Mikawa (Kansai University); Emmanuel Ayedoun (Kansai University); Masataka Tokumaru (Kansai University)	An IEC-driven Optimization of Gestures to Enhance Personality Traits in Communication Robots
SS-20-Fusion of Physical-based Model and Data-driven Model	S	1	F		Chair		Youngchul Bae (Chonnam National University), Yong-Tae Kim (Hankyong National University)	
SS-20-Fusion of Physical-based Model and Data-driven Model	S	1	F	1	Short paper	18	Manabu Kojima (Nagaoka University of Technology); Kazuma Otsuki (Nagaoka University of Technology); Masato Suzuki (Nagaoka University of Technology); Masajiro Abe (Nagaoka University of Technology); Masaaki Baba (Nagaoka University of Technology); Kazuya Yokota (Nagaoka University of Technology)	Loss Balancing for Physics-Informed Neural Networks Considering Procedure for Solving Partial Differential Equations
SS-20-Fusion of Physical-based Model and Data-driven Model	S	1	F	2	Abstract-only paper	215	Hyun-Jung Hwang (Hankyong National University); Jae-Hoon Cho (Hankyong National University); Yong-Tae Kim (Hankyong National University)	Deep Learning Model and Construction of Learning Dataset for Citrus Harvesting
SS-20-Fusion of Physical-based Model and Data-driven Model	S	1	F	3	Abstract-only paper	269	Gwiman Bak (Chonnam National University); Eunseo Lee (Chonnam National University); Eunseong Lee (Chonnam National University); Youngchul Bae (Chonnam National University)	Optimal Model Combination for Precipitation Based River Discharge Prediction
SS-20-Fusion of Physical-based Model and Data-driven Model	S	1	F	4	Abstract-only paper	270	Eunseong Lee (Chonnam National University); Gwiman Bak (Chonnam National University); Eunseo Lee (Chonnam National University); Youngchul Bae (Chonnam National University)	Comparison of Turbidity Prediction using PNP and CNN in Water Treatment Plants
SS-20-Fusion of Physical-based Model and Data-driven Model	S	1	F	5	Abstract-only paper	271	Hankaram Choi (Chonnam National University); Gwiman Bak (Chonnam National University); Eunseo Lee (Chonnam National University); Eunseong Lee (Chonnam National University); Youngchul Bae (Chonnam National University)	Prediction of CRF Encoding File Size Using Artificial Neural Networks Considering Various Video features, Complexity, and Movements Features
SS-20-Fusion of Physical-based Model and Data-driven Model	S	1	F	6	Abstract-only paper	272	Eunseo Lee (Chonnam National University); Gwiman Bak (Chonnam National University); Eunseong Lee (Chonnam National University); Youngchul Bae (Chonnam National University)	Detection and Analysis of Bid Rigging Patterns Using Statistical Methods
SS-02-Continual Learning and Emergence of Intelligent Systems	S	1	G		Chair		Yuichiro Toda (Okayama University), Takeru Aoki (Tokyo University of Science)	
SS-02-Continual Learning and Emergence of Intelligent Systems	S	1	G	1	Short paper	289	Hinata Matsubara (Tokyo University of Agriculture and Technology); Shinji Fukuda (Tokyo University of Agriculture and Technology)	Sound Source Separation of Japanese Tree Frog ( <i>Hyla japonica</i> ) and Black-spotted Pond Frog ( <i>Pelophylax nigromaculatus</i> )
SS-02-Continual Learning and Emergence of Intelligent Systems	S	1	G	2	Abstract-only paper	298	Takanori Takebayashi (Osaka Metropolitan University); Naoki Masuyama (Osaka Metropolitan University); Yusuke Nojima (Osaka Metropolitan University)	Determination of Codeword Lengths in Unsupervised Continual Learning through Clustering
SS-02-Continual Learning and Emergence of Intelligent Systems	S	1	G	3	Abstract-only paper	293	Shunsuke Fujimori (Tokyo University of Agriculture and Technology); Shinji Fukuda (Tokyo University of Agriculture and Technology)	Deep Learning for Identifying Territorial Male Behavior in <i>Pseudorasbora Parva</i>
SS-02-Continual Learning and Emergence of Intelligent Systems	S	1	G	4	Abstract-only paper	296	Kosei Ogawa (Tokyo University of Agriculture and Technology); Shinji Fukuda (Tokyo University of Agriculture and Technology)	Noise Removal for Fish Habitat Assessment using the National Census of River Environments
SS-02-Continual Learning and Emergence of Intelligent Systems	S	1	G	5	Abstract-only paper	299	Shinji Fukuda (Tokyo University of Agriculture and Technology); Nanami Koto (Tokyo University of Agriculture and Technology)	Assessing Flow-Habitat Relationships in the Upper Kumagawa River: Insights from Large, Long-Term Open Data
SS-02-Continual Learning and Emergence of Intelligent Systems	S	1	G	6	Abstract-only paper	297	Nanami Koto (Tokyo University of Agriculture and Technology); Shinji Fukuda (Tokyo University of Agriculture and Technology);	The characteristics of spatial distribution of fish habitats based on two-dimensional ecohydraulic modelling
GS-06-Modeling and Simulation	S	1	H		Chair		Toshihiro Irie (Nihon University)	
GS-06-Modeling and Simulation	S	1	H	1	Full paper	232	Tomoki Nishikawa (Nihon University); Toshihiro Irie (Nihon University)	Study of chromatograph parts using a 3D printer and separation motion trajectories
GS-06-Modeling and Simulation	S	1	H	2	Full paper	118	Kotaro Yashiro (Meiji University); Soma Hirose (Meiji University); Yohei Nakada (Meiji University)	Improving Prototype Intelligent Tactical Board for Rugby Sevens
GS-06-Modeling and Simulation	S	1	H	3	Abstract-only paper	36	Yu Tokutake (Meiji University); Kotaro Yashiro (Meiji University); Yohei Nakada (Meiji University)	Refining Kick-pass Simulation Model Used in Optimal Kick-pass Plan Computation Method for Rugby Sevens
GS-06-Modeling and Simulation	S	1	H	4	Abstract-only paper	35	Kento Osawa (Meiji University); Yohei Nakada (Meiji University)	Defensive Movements Evaluation Method in Soccer Utilizing Geometric Formation Features and Statistical Classification Model
GS-06-Modeling and Simulation	S	1	H	5	Abstract-only paper	90	Megumi Uza (University of the Ryukyus); Itsuki Kunita (University of the Ryukyus)	Reforming network routes using phase changes in slime molds
GS-06-Modeling and Simulation	S	1	H	6	Abstract-only paper	96	Keigo Nakada (University of the Ryukyus); Akiko Matsumoto-Oda (University of the Ryukyus); Itsuki Kunita (University of the Ryukyus)	Impact of Shepherd Interaction on Flock Dynamics in Multi-Shepherding
GS-06-Modeling and Simulation	S	1	H	7	Abstract-only paper	97	Nonoka Homma (University of the Ryukyus); Akiko Matsumoto-Oda (University of the Ryukyus); Itsuki Kunita (University of the Ryukyus)	Relationship between the Proportion of Agents with Different Repulsion Distances and Their Spatial Arrangement

Session	Day	Slot	Room	Order	Category	Paper ID	Author Names	Paper Title
SS-06-Artificial Intelligence for Medical/Healthcare Systems	S	2	A		Chair		Kento Morita (Mie University)	
SS-06-Artificial Intelligence for Medical/Healthcare Systems	S	2	A	1	Full paper	73	Yuichi Raihan Kazi (University of Fukui); Kouki Nagamune (University of Hyogo)	Measuring changes in posture while walking using a Inertial Sensors
SS-06-Artificial Intelligence for Medical/Healthcare Systems	S	2	A	2	Full paper	241	Akihiro Yamashita (National Institute of Technology, Tokyo College); Taichi Shirakawa (Keio University); Katsushi Matsubayashi (National Institute of Technology, Tokyo College)	Braille Character Recognition Independent of Lighting Direction Using Object Detection Models
SS-06-Artificial Intelligence for Medical/Healthcare Systems	S	2	A	3	Full paper	288	Fubuki Sawa (University of Hyogo); Daisuke Fujita (University of Hyogo); Kenichi Shimada (Harima-Himeji General Medical Hospital); Kazunari Ishii (Kindai University); Soji Kobashi (University of Hyogo)	Differentiating Idiopathic Normal Pressure Hydrocephalus Using Multi-Head Attention CNN with Diversify-Loss in Brain MRI
SS-06-Artificial Intelligence for Medical/Healthcare Systems	S	2	A	4	Full paper	167	Kaito Moriyasu (University of Fukui); Kouki Nagamune (University of Hyogo)	An Analysis of Patellar Movement and Posture During Stepping Using RGB-D Cameras and Inertial Sensors
SS-06-Artificial Intelligence for Medical/Healthcare Systems	S	2	A	5	Late Breaking paper	517	Noriyasu Kondo (University of Hyogo); Daisuke Fujita (University of Hyogo); Soji Kobashi (University of Hyogo); Takayuki Fujita (University of Hyogo)	Real-Time Bed-Leaving Prediction Using a Six-Axis Inertial Sensor and LSTM
SS-06-Artificial Intelligence for Medical/Healthcare Systems	S	2	A	6	Late Breaking paper	519	Sodai Yokoyama (University of Hyogo); Daisuke Fujita (University of Hyogo); Takayuki Fujita (University of Hyogo); Soji Kobashi (University of Hyogo)	Preliminary Experiment on Self-Extubation Detection Using LSTM-based Autoencoder with Touch Sensor
SS-18-Convergence Technology of Signal Processing and Biohealth	S	2	B		Chair		Suk-seung Hwang (Chosun University)	
SS-18-Convergence Technology of Signal Processing and Biohealth	S	2	B	1	Full paper	197	Keiichi Sato (University of Tsukuba); Masahiko Mikawa (University of Tsukuba); Makoto Fujisawa (University of Tsukuba)	Movement Classification Method for Awake Bruxism Using sEMG Signals
SS-18-Convergence Technology of Signal Processing and Biohealth	S	2	B	2	Short paper	273	Seul-Bi Jeon (Chosun University); Tae-Ho Jo (Chosun University); Jong-Hwang Park (Soletop Co., Ltd); Suk-seung Hwang (Chosun University)	The Combined Localization Based on TDOA and FDOA for High-Speed Moving Object
SS-18-Convergence Technology of Signal Processing and Biohealth	S	2	B	3	Short paper	274	Heui-Seon Park (Chosun University); Suk-seung Hwang (Chosun University)	Beamspace AIC & MDL Algorithm for Based on Concentric Circular Array Antenna
SS-18-Convergence Technology of Signal Processing and Biohealth	S	2	B	4	Short paper	276	Tae-yun Kim (Chosun University); Bumshik Lee (Chosun University); Suk-seung Hwang (Chosun University)	Contact Lens Automatic Optical Inspection Method Based on YOLOv9
SS-18-Convergence Technology of Signal Processing and Biohealth	S	2	B	5	Abstract-only paper	151	Himangsu Mondal (Chosun University); Md Asadujaman (Chosun University); Eunae Kim (Chosun University); Jun-Pil Jee (Chosun University)	Enhancement of Human Hair Growth Through Oxygen Supply Using Perfluorocarbon Nanoemulsions
SS-18-Convergence Technology of Signal Processing and Biohealth	S	2	B	6	Abstract-only paper	154	Arrhon Mae Bongo (Chosun University); Hayeon Kim (Chosun University); Juseon Roh (Chosun University); Yeji Kim (Chosun University); Ho-Joong Kim (Chosun University)	Photosensitizers for Fluorescence Cell-imaging and Photodynamic Therapy
SS-17-Artificial Intelligence Application for Image Processing	S	2	C		Chair		Tohru Kamiya (Kyushu Institute of Technology)	
SS-17-Artificial Intelligence Application for Image Processing	S	2	C	1	Full paper	249	Fumi Ishizaki (Ochanomizu University); Ichiro Kobayashi (Ochanomizu University)	A Study on Brain Decoding of Image Stimuli Using a Diffusion Model
SS-17-Artificial Intelligence Application for Image Processing	S	2	C	2	Full paper	236	Ken Matsuhira (The University of Shiga Prefecture); Shun Hattori (The University of Shiga Prefecture); Wataru Sunayama (The University of Shiga Prefecture)	Effects of Adversarial Patches Against Object Detection on Combating Cheats in Online First Person Shooter Games
SS-17-Artificial Intelligence Application for Image Processing	S	2	C	3	Full paper	128	Ayan Igali (Kazakh-British Technical University); Pakizer Shamoï (Kazakh-British Technical University)	Image Classification using Fuzzy Pooling in Convolutional Kolmogorov-Arnold Networks
SS-17-Artificial Intelligence Application for Image Processing	S	2	C	4	Full paper	32	Ziyue Wang (University of Tsukuba); Hibiki Okamura (University of Tsukuba); Shijie Luo (University of Tsukuba); Yu Hayashi (University of Tsukuba); Hotaka Takizawa (University of Tsukuba)	Extraction of c-Fos Protein Regions from Mouse Brain Slice Images using Multi-channelization, 1 × 1 Convolution and U-Net
SS-17-Artificial Intelligence Application for Image Processing	S	2	C	5	Short paper	247	Shogo Yamashita (University of Shiga Prefecture); Shun Hattori (University of Shiga Prefecture); Wataru Sunayama (University of Shiga Prefecture)	LSTM-based Prediction of Ball Trajectory for Automatic Foul Judgements in Kin-Ball Sport
GS-09-Pattern Recognition	S	2	D		Chair		Masakazu Morimoto (University of Hyogo)	
GS-09-Pattern Recognition	S	2	D	1	Full paper	153	Shunya Rakuka (Mie University); Kento Morita (Mie University); Tetsushi Wakabayashi (Mie University)	Handwritten Character String Recognition Using Transformer and CNN Features
GS-09-Pattern Recognition	S	2	D	2	Full paper	16	Jun Rokui (University of Shizuoka); Yuki Kawashima (Roland DG Corporation)	Aperiodic Multivariate Time-Series Generative Adversarial Network
GS-09-Pattern Recognition	S	2	D	3	Full paper	20	Zi Choong Tee (Tunku Abdul Rahman University of Management and Technology); Lee Choo Tay (Tunku Abdul Rahman University of Management and Technology); Weng Kin Lai (Tunku Abdul Rahman University of Management and Technology); Sheng Siang Lee (Aonic Sdn Bhd)	Health Classification on Oil Palm UAV images using Machine Learning with Features Reduction
GS-09-Pattern Recognition	S	2	D	4	Full paper	14	Ryosuke Fujiwara (University of Hyogo); Masakazu Morimoto (University of Hyogo)	A Pilot Valve Endoscopic Image Inspection System Using Unsupervised Learning
GS-09-Pattern Recognition	S	2	D	5	Full paper	108	Anocky Eric Kouassi (Hosei University); Yanbo Ma (Pontosense Inc.); Lin Kong (Hosei University); Huang Runhe (Hosei University)	Improving Sign Gesture Recognition Using Bi-LSTM Attention Model with Optimal Point Cloud Frame Range
GS-09-Pattern Recognition	S	2	D	6	Short paper	68	Ryota Miyake (Tokushima University); Shin-ichi Ito (Tokushima University); Momoyo Ito (Tokushima University); Minoru Fukumi (Tokushima University)	Estimation of Presence or Absence of Learning Understanding Using EEG and ECG Based on CNN Models

Session	Day	Slot	Room	Order	Category	Paper ID	Author Names	Paper Title
SS-24-AI/ML Foundation Models for Next Generation Humanoid	S	2	E		Chair		Han-UI Yoon (Yonsei University)	
SS-24-AI/ML Foundation Models for Next Generation Humanoid	S	2	E	1	Short paper	281	Jeongil Seo (Korea Institute of Industrial Technology); Jaehyeon Kang (Korea Institute of Industrial Technology); Dongbum Pyo (Korea Institute of Industrial Technology); KwangEun Ko (Korea Institute of Industrial Technology)	Harvesting Information Estimation Algorithm for Occluded Fruits in Autonomous Open-Field Orchard Robotic Systems
SS-24-AI/ML Foundation Models for Next Generation Humanoid	S	2	E	2	Short paper	307	Juhyung Kim (Yonsei University); Sungwon Heo (Yonsei University); Songwoo Kim (Yonsei University); Ho-Jin Jung (Yonsei University); Han U. Yoon (Yonsei University)	A Twin Dual-Arm Robot Testbed to Collect the Human Demonstration Data for Imitation Learning
SS-24-AI/ML Foundation Models for Next Generation Humanoid	S	2	E	3	Short paper	308	Chanjin Park (Yonsei University); Jungwoo Lee (Yonsei University); Seungmin Hyun (Yonsei University); Ho-Jin Jung (Yonsei University); Han U. Yoon (Yonsei University)	Predicting Joint Movement Trajectories from the ECoG Signal Patterns of Apes
SS-24-AI/ML Foundation Models for Next Generation Humanoid	S	2	E	4	Short paper	26	Hyeongyo Jeong (Dong-A University); Haechan Lee (Dong-A University); Sungtae Shin (Dong-A University)	A Study on the Effects of ICL and CoT Prompts on the Reward Function Generation of a Small Language Model
SS-24-AI/ML Foundation Models for Next Generation Humanoid	S	2	E	5	Short paper	277	Jungin Kim (Hankyong National University); Su-Gyeong Kim (Hankyong National University); Jimin Lee (Hankyong National University); Nu-Lim Kim (Hankyong National University); Inhoon Jang (Hankyong National University)	Deep Convolutional Learning-Based Unit Action Recognition for Analyzing Skilled Worker Behavior
SS-03-Human Symbiotic Systems	S	2	F		Chair		Tomohiro Yoshikawa (Suzuka University of Medical Science); Tsuyoshi Nakamura (Chubu University)	
SS-03-Human Symbiotic Systems	S	2	F	1	Full paper	37	Shogo Maki (Aichi Prefectural University); Felix Jimenez (Aichi Prefectural University)	Effectiveness of RSNPs in Networks Construction of Educational Support Robots
SS-03-Human Symbiotic Systems	S	2	F	2	Full paper	43	Hiroki Kaede (Aichi Prefectural University); Taro Kono (Aichi Prefectural University); Felix Jimenez (Aichi Prefectural University); Tomoki Miyamoto (The University of Electro-Communications)	Learner's Changes in the Number of Solved Problems and Impression of Collaborative Learning with a Robot Using the Problem-Number Negotiation Method
SS-03-Human Symbiotic Systems	S	2	F	3	Full paper	44	Ikue Ishikawa (Aichi Prefectural University); Felix Jimenez (Aichi Prefectural University); Mayu Mitani (Nagoya University); Takahiro Nakajima (Nagoya University of Arts and Sciences); Shoko Yoshida (Japanese Red Cross Aichi Medical Center Nagoya Daiichi Hospital)	Effects of Intelligence Test Training Between Robots and University Students
SS-03-Human Symbiotic Systems	S	2	F	4	Full paper	220	Ren Degoshi (Toyama Prefectural University); Hiroyuki Masuta (Toyama Prefectural University); Yotaro Fuse (Toyama Prefectural University); Kei Sawai (Toyama Prefectural University); Kenichi Koyanagi (Toyama Prefectural University); Ahmed Almassri (Toyama Prefectural University)	Driver's Perception of Autonomous Cornering Control based on a Sense of Circular Vision Model
SS-03-Human Symbiotic Systems	S	2	F	5	Full paper	178	Sho Kawai (Toyama Prefectural University); Yotaro Fuse (Toyama Prefectural University); Noboru Takagi (Toyama Prefectural University); Myagmarulam Bilguunmaa (Toyama Prefectural University); Kei Sawai (Toyama Prefectural University); Hiroyuki Masuta (Toyama Prefectural University); Tatsuo Motoyoshi (Toyama Prefectural University)	Impressions of Agents Encouraging Humans to Adopt Intentional Stance by Refraining from Action
SS-03-Human Symbiotic Systems	S	2	F	6	Full paper	105	Sumire Hayashi (University of Fukui); Yasutake Takahashi (University of Fukui); Satoki Tsuchihara (University of Fukui)	Evaluation of a Writing Skill Enhancement System Through Dialogue for Children with Developmental Disorders Using Companion Robots
SS-02-Continual Learning and Emergence of Intelligent Systems	S	2	G		Chair		Yuichiro Toda (Okayama University); Takeru Aoki (Tokyo University of Science)	
SS-02-Continual Learning and Emergence of Intelligent Systems	S	2	G	1	Full paper	181	Yuichi Matsuda (The University of Electro-Communications); Kazuma Niwa (The University of Electro-Communications); Takeru Aoki (Tokyo University of Science); Keiki Takadama (The University of Tokyo); Hiroyuki Sato (The University of Electro-Communications)	Image Recognition Imitating Saccadic Eye Movement in Grid Cell Net
SS-02-Continual Learning and Emergence of Intelligent Systems	S	2	G	2	Short paper	134	Haruka Ozaki (Okayama University); Yuichiro Toda (Okayama University); Dalin Zhou (University of Portsmouth); Takayuki Matsuno (Okayama University)	Global Path Planning based on Rough Terrain Perception using Growing Neural Gas
SS-02-Continual Learning and Emergence of Intelligent Systems	S	2	G	3	Short paper	144	Kento Utsunomiya (Okayama University); Yuichiro Toda (Okayama University); Takayuki Matsuno (Okayama University)	Development of an underwater environment analysis system based on Neural Network using Omnidirectional Camera
SS-02-Continual Learning and Emergence of Intelligent Systems	S	2	G	4	Short paper	210	Koki Sakamoto (Okayama University); Yuichiro Toda (Okayama University); Makoto Tsujimoto (Kinden Corporation); Kazuhiko Taniguchi (Kinden Corporation); Takayuki Matsuno (Okayama University)	Case Study on a Navigation System using Growing Neural Gas
SS-02-Continual Learning and Emergence of Intelligent Systems	S	2	G	5	Abstract-only paper	291	Ryosuke Fujii (Osaka Prefecture University); Naoki Masuyama (Osaka Metropolitan University); Yusuke Nojima (Osaka Metropolitan University)	A Continual Self-supervised Learning Framework applying a Decoder and a Clustering-based Data Selection Method
SS-02-Continual Learning and Emergence of Intelligent Systems	S	2	G	6	Abstract-only paper	171	Shuichiro Yamashita (Osaka Metropolitan University); Seiki Ubukata (Osaka Metropolitan University); Katsuhiro Honda (Osaka Metropolitan University)	Basic Consideration of Federated Rough C-Means Clustering and Its Application to Collaborative Filtering
GS-04-Intelligent Systems/Applications	S	2	H		Chair		Ryogo Kubo (Keio University)	
GS-04-Intelligent Systems/Applications	S	2	H	1	Full paper	45	Shan Xue (University of Tsukuba); Hajime Nobuhara (University of Tsukuba)	Automatic generation of soundscapes based on Spatio-temporal keywords and elucidation of soundscapes' impact on human reading experience
GS-04-Intelligent Systems/Applications	S	2	H	2	Full paper	31	Shinji Imahori (Chuo University); Yoshiyuki Karuno (Kyoto Institute of Technology); Yuma Ueda (Kyoto Institute of Technology)	Faster Algorithms for a Lexicographic Bi-criteria Line Balancing Problem with Totally Ordered Precedence Constraints
GS-04-Intelligent Systems/Applications	S	2	H	3	Short paper	217	Korawee Hirunthakungpant (Kyushu Institute of Technology); Chikamune Wada (Kyushu Institute of Technology)	Meal Guidance System for Visually Impaired People
GS-04-Intelligent Systems/Applications	S	2	H	4	Short paper	141	Tatsuki Ito (University of Yamanashi); Shinji Kotani (University of Yamanashi); Hiromi Watanabe (University of Yamanashi)	Development Reading System and Detection of Lesion Candidate in Capsule Endoscopy using YOLOv5
GS-04-Intelligent Systems/Applications	S	2	H	5	Short paper	313	Prabhat Kumar Mishra (VIT University); Arun Kumar Arulappan (VIT University); In-Ho Ra (Kunsan National University); Thanga Mariappan L (VIT University); Gina Rose G (Anna University); Young-Seok Lee (Kunsan National University)	AI-DRIVEN VIRTUAL MOCK INTERVIEW DEVELOPMENT
GS-04-Intelligent Systems/Applications	S	2	H	6	Abstract-only paper	168	Shogo Nagae (Keio University); Ryogo Kubo (Keio University)	Reliable Motion Control over Optical Ring Networks Based on Communication and Control Co-Design

Session	Day	Slot	Room	Order	Category	Paper ID	Author Names	Paper Title
SS-06-Artificial Intelligence for Medical/Healthcare Systems	S	3	A		Chair		Kouki Nagamune (University of Hyogo)	
SS-06-Artificial Intelligence for Medical/Healthcare Systems	S	3	A	1	Full paper	254	Ryunosuke Kori (Mie University); Kento Morita (Mie University); Kenta Yoshida (Mie University); Eiji Kondo (Mie University); Tetsushi Wakabayashi (Mie University)	Estimation of Lymph Node Metastasis in Cervical Cancer Using Deep Learning
SS-06-Artificial Intelligence for Medical/Healthcare Systems	S	3	A	2	Full paper	190	Tomoki Takada (Toyama Prefectural University); Rie Yamada (University of Toyama); Antonio Rene (Toyama Prefectural University); Kuangzhe Xu (Hiroaki University); Makoto Fujimoto (University of Toyama)	Development of a Virtual Patient Model for Kampo Medical Interview: New Approach for Enhancing Empathy and Understanding of Kampo Medicine Pathological Concepts
SS-06-Artificial Intelligence for Medical/Healthcare Systems	S	3	A	3	Full paper	198	Shuya Ishida (Mie University); Kento Morita (Mie University); Kinta Hatakeyama (National Cerebral and Cardiovascular Center); Nice Ren (National Cerebral and Cardiovascular Center); Shogo Watanabe (National Cerebral and Cardiovascular Center); Syoji Kobashi (University of Hyogo); Koji Iihara (National Cerebral and Cardiovascular Center); Tetsushi Wakabayashi (Mie University)	Prediction of Cardiovascular Disease Development for CEA Patients Using Multimodal Learning
SS-06-Artificial Intelligence for Medical/Healthcare Systems	S	3	A	4	Abstract-only paper	140	Tzu-Hsiu Lee (National Taipei University of Technology); Sung-Hua Chiu (National Taipei University of Technology); Chao-Cheng Wu (National Taipei University of Technology); Wei-Chou Chang (Tri-Service General Hospital); Hsiao-Chi Li (National Taipei University of Technology)	Leveraging Multi-Task Models for Liver Lesion Segmentation and Classification on Multi-Phase CT Images
SS-06-Artificial Intelligence for Medical/Healthcare Systems	S	3	A	5	Short paper	92	Akifumi Tanabe (University of Hyogo); Kyosuke Nakatani (University of Hyogo); Kento Harachi (Tokyo Institute of Technology); Yusuke Yamamoto (Aino University); Ayumi Muramatsu (University of Hyogo); Hajime Nagahara (Osaka University); Noriko Takemura (Kyushu Institute of Technology); Shinji Shimojo (Aomori University); Daisuke Furihata (Osaka University); Yuko Mizuno-Matsumoto (University of Hyogo); Kazue Kamae-Shigenobu (Asakayama General Hospital); Kazuhiro Shinosaki (Asakayama General Hospital)	Development of a model for discriminating electroencephalograms of patients with mild cognitive impairment and healthy individuals using a support vector machine
SS-11-Diversity, Equity & Inclusion (DE&I) in Soft Computing	S	3	B		Chair		Tomoe Entani (University of Hyogo)	
SS-11-Diversity, Equity & Inclusion (DE&I) in Soft Computing	S	3	B	1	Abstract-only paper	158	Tomoe Entani (University of Hyogo)	Empowering Research and Researchers through DEI: SOFT's Initiatives
SS-11-Diversity, Equity & Inclusion (DE&I) in Soft Computing	S	3	B	2	Abstract-only paper	129	Honoka Koike (University of Hyogo); Tomoe Entani (University of Hyogo);	Mutual Aid through Team Activity Based on Interval DEA
SS-11-Diversity, Equity & Inclusion (DE&I) in Soft Computing	S	3	B	3	Late Breaking paper	522	Dian Christy Silpani (Kyushu Institute of Technology); Kaori Yoshida (Kyushu Institute of Technology)	Decision-making Study on Non-verbal Communication dataset
SS-11-Diversity, Equity & Inclusion (DE&I) in Soft Computing	S	3	B	4	Abstract-only paper	179	Naomi Yagi (University of Hyogo); Yuya Kinishi (University of Hyogo); Kentaro Mori (National Institute of Technology, Maizuru College); Shimpei Mizuta (Reproduction Clinic Tokyo); Tomohiro Maekawa (Reproduction Clinic Tokyo); Takashi Morimoto (Reproduction Clinic Tokyo); Tomomoto Ishikawa (Reproduction Clinic Tokyo); Yutaka Hata (University of Hyogo)	Data Science for Female Infertility Treatment on Diversity, Equity, and Inclusion
SS-11-Diversity, Equity & Inclusion (DE&I) in Soft Computing	S	3	B	5	Abstract-only paper	130	Asuka Yamakawa (Institute of Marine Research)	Enhancing Global Competitiveness and Sustainability through Horizon Europe and Copernicus Marine Service
SS-11-Diversity, Equity & Inclusion (DE&I) in Soft Computing	S	3	B	6	Abstract-only paper	163	Hiroshi Nakajima (Tokyo Metropolitan University)	DE&I Activities at Soft Computing and Computational Intelligence Society
GS-01-Artificial Intelligence	S	3	D		Chair		Pakizar Shamoï (Kazakh-British Technical University)	
GS-01-Artificial Intelligence	S	3	D	1	Full paper	260	Muragul Muratbekova (Kazakh-British Technical University); Pakizar Shamoï (Kazakh-British Technical University)	Universal vs. Contextual Color-Emotion Associations: A Fuzzy Approach
GS-01-Artificial Intelligence	S	3	D	2	Full paper	239	Peerada Traganmaturapot (Chulalongkorn University); Noboru Sonehara (Tsuda University); Nobuharu Hiruma (AREAPORTAL, INC); Nagul Cooharajanane (Chulalongkorn University); Akihisa Kodate (Tsuda University); Kanokwan Atchariyachanvanich (King Mongkut's Institute of Technology Ladkrabang)	Comparative Foot Traffic Analysis During Normal Periods and Firework Events Using Wi-Fi Sensors
GS-01-Artificial Intelligence	S	3	D	3	Full paper	62	Siqiao Yi (Northeastern University); Huiyan Jiang (Northeastern University); Yang Zhou (Northeastern University); Guoyu Tong (Northeastern University); Rongfei Zeng (Northeastern University); Xian-Hua Han (Rikkyo University); Yan Pei (University of Aizu)	Extraction and Classification of Lung Nodule Features Using Fusion Method of Self-supervised Encoder Learning and Supervised Transfer Learning
GS-01-Artificial Intelligence	S	3	D	4	Abstract-only paper	253	Marek Z. Reformat (University of Alberta); Tim Put (University of Alberta)	Category Theory and Knowledge Graphs: Concept Construction for Intelligent Systems

Session	Day	Slot	Room	Order	Category	Paper ID	Author Names	Paper Title
GS-15-Human-Computer Interaction and Interface	S	3	E		Chair		Jinseok Woo (Tokyo University of Technology)	
GS-15-Human-Computer Interaction and Interface	S	3	E	1	Full paper	29	Kaori Abe (Kobe University); Changqin Quan (Kobe University); Sheng Cao (Kobe University); Zhiwei Luo (Kobe University)	Subjective Evaluation of Dialogues with Dyadic and Triadic Interactions using a ChatGPT-based Dialogue System
GS-15-Human-Computer Interaction and Interface	S	3	E	2	Full paper	112	Chifuyu Matsumoto (Tokyo University of Technology); Yuka Sone (Tokyo University of Technology); Jinseok Woo (Tokyo University of Technology); Yasuhiro Ohyama (Tokyo University of Technology)	Development of a Gesture Analysis System for Human System Interaction
GS-15-Human-Computer Interaction and Interface	S	3	E	3	Full paper	202	Seiya Sakaguchi (Kansai University); Emmanuel Ayedoun (Kansai University); Masataka Tokumaru (Kansai University)	Virtual Agent driven Peer Learning System to Enhance Exercise Motivation
GS-15-Human-Computer Interaction and Interface	S	3	E	4	Full paper	145	Satoshi Warita (Muroran Institute of Technology); Sato Saga (Muroran Institute of Technology)	Discrimination between command and drawing strokes for sketch-based CAD interfaces based on fuzzy spline curve fragmentation
GS-15-Human-Computer Interaction and Interface	S	3	E	5	Short paper	195	Nobuyuki Umezu (Ibaraki University); Yuya Imada (Ibaraki University)	Passing Practice Support for Soccer Players using First-person Videos
SS-03-Human Symbiotic Systems	S	3	F		Chair		Tomohiro Yoshikawa (Suzuka University of Medical Science), Tsuyoshi Nakamura (Chubu University)	
SS-03-Human Symbiotic Systems	S	3	F	1	Full paper	80	Tomoki Inoue (Aichi Prefectural University); Felix Jimenez (Aichi Prefectural University); Mamoru Onuki (Aichi Prefectural University)	Learning Effects of Programming Educational Board Game in Collaborative Learning Between Robots and Humanities Students
SS-03-Human Symbiotic Systems	S	3	F	2	Full paper	133	Koki Sato (Aichi Prefectural University); Kohei Okawa (ABeam Systems Ltd.); Felix Jimenez (Aichi Prefectural University); Shuichi Akizuki (Chukyo University); Tomohiro Yoshikawa (Suzuka University of Medical Science)	Simulation Results of a Spatio-Temporal Perplexion Estimation Method based on learners' Facial Expression Changes
SS-03-Human Symbiotic Systems	S	3	F	3	Full paper	159	Takumi Umeda (Chukyo University); Masayoshi Kanoh (Chukyo University)	Effects of Gait Onomatopoeia on the Impression of Robots
SS-03-Human Symbiotic Systems	S	3	F	4	Full paper	162	Tomoaki Kurata (Chukyo University); Masayoshi Kanoh (Chukyo University)	Two-dimensional display-based the Proteus effect on muscle activity level
SS-03-Human Symbiotic Systems	S	3	F	5	Short paper	189	Tsuyoshi Nakamura (Chubu University); Yu Gennami (Chubu University); Akinori Yoshikane (Chubu University)	Analysis of sound symbolism appears in JoJo's Bizarre Adventure
SS-03-Human Symbiotic Systems	S	3	F	6	Late Breaking paper	506	Taiki Mishima (Nagoya Institute of Technology); Kazuki Imamura (Nagoya Institute of Technology); Kenji Funahashi (Nagoya Institute of Technology); Shinji Mizuno (Aichi Institute of Technology)	Investigation of Accuracy of CNN-Based EEG Classification for Third Hand Control with BMI
GS-10-Deep Learning	S	3	G		Chair		Seiki Ubukata (Osaka Metropolitan University)	
GS-10-Deep Learning	S	3	G	1	Full paper	110	Hyujeong Jeong (Pukyong National University); Do-Young Kang (Dong-A University); Yeboon Yun (Kansai University); Jum-Ran Kang (Pukyong National University); Min Yoon (Pukyong National University); Gyu-Bin Lee (Pukyong National University & Dong-A University Hospital)	Graph Convolutional Networks Approach for Alzheimer's Disease Stage Classification Using Multimodal Data
GS-10-Deep Learning	S	3	G	2	Full paper	225	Chen Xin (Kanagawa University); Bin Zhang (Kanagawa University)	LiDAR Information based High-Speed-High-Accuracy Object Recognition Network for Autonomous Vehicles
GS-10-Deep Learning	S	3	G	3	Full paper	58	Muhammad Izzuddin Mahali (National Taiwan University of Science and Technology, Universitas Negeri Yogyakarta); Jenq-Shiou Leu (National Taiwan University of Science and Technology); Nur Achmad Sulisty Putro (Universitas Gadjah Mada); Setya Widyanan Prakosa (National Taiwan University of Science and Technology); Cries Avian (National Taiwan University of Science and Technology)	DeepFuzzLoc Positioning: A Unified Fusion of Fuzzy Clustering and Deep Learning for Scalable Indoor Localization Using Wi-Fi RSSI
GS-10-Deep Learning	S	3	G	4	Full paper	177	Annisa Rizqiana (Universitas Gadjah Mada); Afiahayati (Universitas Gadjah Mada)	Protein Secondary Structure Prediction using N-Grams and 1-Dimensional Convolutional Neural Network
GS-10-Deep Learning	S	3	G	5	Short paper	143	ZeYuan Ju (University of Toyama); Hanchen Wang (University of Toyama); Chouyu Chen (University of Toyama); Yidong Cao (University of Toyama); Qiong Fu (University of Toyama); Shange Gao (University of Toyama)	DDTNet: A Dense Network with Dendritic Learning for Brain Tumor Classification
GS-10-Deep Learning	S	3	G	6	Abstract-only paper	84	Byung Ju Jeon (Kyungnam University); Gi Yul Cho (Kyungnam University); Dong Hun Kim (Kyungnam University)	CNN Inspection System for Detecting Defective Products of Automotive Blower Motor
GS-02-Natural Language Processing	S	3	H		Chair		Naoki Masuyama (Osaka Metropolitan University)	
GS-02-Natural Language Processing	S	3	H	1	Full paper	240	Mana Ueno (Ochanomizu University); Ichiro Kobayashi (Ochanomizu University)	A Study of Gender Bias in the Effects of Context Using BERT
GS-02-Natural Language Processing	S	3	H	2	Full paper	199	Megumi Itoh (Ochanomizu University); Ichiro Kobayashi (Ochanomizu University)	Toward Fuzzy Reasoning with Large Language Models
GS-02-Natural Language Processing	S	3	H	3	Full paper	50	Si-Yoon Sung (Dongguk University); Jin-Woo Jung (Dongguk University)	A Study on Predicting Ratings System through Sentiment Analysis and Clustering of Coupang Product Reviews
GS-02-Natural Language Processing	S	3	H	4	Full paper	64	Tomohiro Yada (Future University Hakodate); Asuka Terai (Future University Hakodate); Ei-Ichi Osawa (Future University Hakodate)	SynthSearch: An information retrieval system visualizing diverse perspectives based on dialectics
GS-02-Natural Language Processing	S	3	H	5	Full paper	228	Hongyi Zhang (Nihon University); Yukari Yamauchi (Nihon University)	Self-Organizing Method for Word Embedding
GS-02-Natural Language Processing	S	3	H	6	Short paper	242	Toru Sugimoto (Shibaura Institute of Technology); Airi Teraoka (Shibaura Institute of Technology)	User-Adaptive Chat Dialogue System Based on User's Feedback

Session	Day	Slot	Room	Order	Category	Paper ID	Author Names	Paper Title
SS-01-Theory and Applications of Intelligent Systems	M	1	A		Chair		Takao Sato (University of Hyogo)	
SS-01-Theory and Applications of Intelligent Systems	M	1	A	1	Full paper	160	Daiki Fujimoto (University of Hyogo); Naotake Kamiura (University of Hyogo); Teijiro Isokawa (University of Hyogo); Nobuyuki Matsui (University of Hyogo); Tatsuaki Tsuruyama (Kyoto University)	On Colorectal-Cancer Grading Using Fine-Tuning Based Convolutional Neural Networks
SS-01-Theory and Applications of Intelligent Systems	M	1	A	2	Full paper	219	Kenjiro Nishimura (University of Hyogo); Hikaru Hoshino (University of Hyogo); Eiko Furutani (University of Hyogo)	Combined Plant and Control Co-design via Solutions of Hamilton-Jacobi-Bellman Equation Based on Physics-informed Learning
SS-01-Theory and Applications of Intelligent Systems	M	1	A	3	Full paper	203	Masami Komeda (University of Hyogo); Teijiro Isokawa (University of Hyogo); Kagari Aoki (Teikyo University of Science); Koki Tsujii (Ogasawara Whale Watching Association); Katsufumi Sato (The University of Tokyo); Kentaro Sakamoto (The University of Tokyo); Takashi Iwata (Kobe University); Hayao Kobayashi (Tokyo University of Agriculture); Masao Amano (Nagasaki University); Naotake Kamiura (University of Hyogo)	An Identification System for Sperm Whales (Physeter macrocephalus) Based on Deep Neural Networks
SS-01-Theory and Applications of Intelligent Systems	M	1	A	4	Abstract-only paper	283	Dae-Yeol Kim (Kyungnam University); Do-Yup Kim (Incheon National University)	Interim Study: Optimization of Aerial Base Station Placement and Beam Configuration in Urban Environments
SS-01-Theory and Applications of Intelligent Systems	M	1	A	5	Abstract-only paper	286	Dae-Yeol Kim (Kyungnam University); Hanyul Ryu (Kyungnam University); Youngjun Kim (Kyungnam University); Do-Yup Kim (Incheon National University)	Interim Study: Optimizing Color Spaces for Non-Contact SpO2 Measurement Using Reinforcement Learning
SS-05-Application to infrastructure management and disaster prevention using AI and VR technique	M	1	B		Chair		Hisao Emoto (Tottori University), Kei Kawamura (Yamaguchi University)	
SS-05-Application to infrastructure management and disaster prevention using AI and VR technique	M	1	B	1	Full paper	39	Zhenlong Zhang (Yamaguchi University); Kei Kawamura (Yamaguchi University); YiMing Su (Yamaguchi University); Hisao Emoto (Tottori University); Shuji Sawamura (Yamaguchi Prefecture Government); Nguyen Kim Cuong (MienTrung University of Civil Engineering)	Promoting Open Data Utilization in Infrastructure Management through an Integrated System of Data Processing, Cloud Storage, and Visualization
SS-05-Application to infrastructure management and disaster prevention using AI and VR technique	M	1	B	2	Full paper	150	Tomoka Okachi (Ritsumeikan University); Yasutoshi Nomura (Ritsumeikan University)	Detection of overhanging and dead branches from in-vehicle camera images using deep learning and image processing
SS-05-Application to infrastructure management and disaster prevention using AI and VR technique	M	1	B	3	Full paper	174	Kotaro Ishida (Ritsumeikan University); Yasutoshi Nomura (Ritsumeikan University)	Crack Detection and 3D Scene Creation of Road Bridge Using Deep Learning and Image Processing
SS-05-Application to infrastructure management and disaster prevention using AI and VR technique	M	1	B	4	Full paper	55	JunYu Chen (Kansai University); Michiyuki Hirokane (Kansai University)	Analysis and Identification of Gait Balance States using Plantar Pressure Distribution
SS-05-Application to infrastructure management and disaster prevention using AI and VR technique	M	1	B	5	Short paper	19	Kenta Yamanobe (Nagaoka University of Technology); Kazuya Yokota (Nagaoka University of Technology); Daigo Uenoyama (Nagaoka University of Technology); Daisuke Fujiura (Nagaoka University of Technology); Masataka Ogura (Nagaoka University of Technology); Kengo Takahashi (Nagaoka University of Technology); Masajiro Abe (Nagaoka University of Technology)	Mixed-Reality Simulator for Analysis of Interactions between Humans and Crawler Cranes
SS-08-User-friendly and User-adaptable Interactive Systems with Emotions and Kansei	M	1	C		Chair		Tomoko Yonezawa (Kansai University), Hirotake Yamazoe (University of Hyogo)	
SS-08-User-friendly and User-adaptable Interactive Systems with Emotions and Kansei	M	1	C	1	Short paper	207	Taisei Yamada (University of Hyogo); Hirotake Yamazoe (University of Hyogo)	Head Pose Estimation Using a Chest-Mounted Camera and its Evaluation Based on CG Images
SS-08-User-friendly and User-adaptable Interactive Systems with Emotions and Kansei	M	1	C	2	Short paper	206	Katsunobu Kinoshita (University of Hyogo); Hirotake Yamazoe (University of Hyogo)	Analysis of Relationships Between Gaze and Body Movements Toward Searching State Detection
SS-08-User-friendly and User-adaptable Interactive Systems with Emotions and Kansei	M	1	C	3	Short paper	204	Sota Inoue (University of Hyogo); Akira Utsumi (ATR); Hirotake Yamazoe (University of Hyogo)	Analysis of the Effects on Driving Behaviors due to Changes in Engine Sound Feedback
SS-08-User-friendly and User-adaptable Interactive Systems with Emotions and Kansei	M	1	C	4	Short paper	205	Neo Nishimura (University of Hyogo); Tomoko Yonezawa (Kansai University); Hirotake Yamazoe (University of Hyogo)	Preliminary analysis of an arm-worn device for indicating directions through tactile sensation
SS-08-User-friendly and User-adaptable Interactive Systems with Emotions and Kansei	M	1	C	5	Full paper	164	Tomoya Osawa (Kansai University); Tomoko Yonezawa (Kansai University)	A Study of Nursing Behavior Using Agent Expressing a Sense of Mission and Empathy
SS-08-User-friendly and User-adaptable Interactive Systems with Emotions and Kansei	M	1	C	6	Full paper	116	Tomoko Yonezawa (Kansai University); Hikaru Matsuyama (Kansai University); Xin Wan (Kansai University); Hikaru Matsumura (Kansai University)	Snuggling Robot at Different Positions Based on User's Facial Expressions
GS-03-Cognitive Science	M	1	D		Chair		Masaharu Komori (Kyoto University)	
GS-03-Cognitive Science	M	1	D	1	Full paper	149	Masaharu Komori (Kyoto University); Shoun Nishioka (Kyoto University); Yuya Suematsu (Kyoto University)	Recognition Accuracy of the Vehicle Posture and the Operator's Face Posture When Operating a Small Vehicle
GS-03-Cognitive Science	M	1	D	2	Full paper	87	Ryunosuke Narikiyo (Rikkyo University); Youichiro Miyake (Rikkyo University)	Artificial Intelligence for the "INSIDER"
GS-03-Cognitive Science	M	1	D	3	Short paper	13	Johan Mulia (Universitas Multimedia Nusantara); Wella (Universitas Multimedia Nusantara)	Generation Z: How Acceptable Health Application for Us?
GS-03-Cognitive Science	M	1	D	4	Short paper	213	Alaniah Nisrina (Ritsumeikan University); Eric W. Cooper (Ritsumeikan University); Yu Yan (Ritsumeikan University)	Method to Develop Models of Natural Reasoning in Fuzzy Rule Evaluation Task
GS-03-Cognitive Science	M	1	D	5	Abstract-only paper	34	Reiya Uchiyama (Meiji University); Takuto Nishioka (Meiji University); Takumi Inagawa (Meiji University); Yohei Nakada (Meiji University)	Quantification Method of Drivers' Object Detection Ability via Visual Attractiveness Quantification Method and Eye Tracker
GS-03-Cognitive Science	M	1	D	6	Abstract-only paper	278	Chaewon Lee (University of North Carolina at Chapel Hill); Youngchul Bae (Chonnam National University); Jin Hee Yoon (Sejong University)	Chaotic Behaviors in Opinion Dynamics Models Influenced by External Forces

Session	Day	Slot	Room	Order	Category	Paper ID	Author Names	Paper Title
GS-16-Kansei Engineering	M	1	E		Chair		Saerom Lee (Kagawa University)	
GS-16-Kansei Engineering	M	1	E	1	Full paper	186	Sora Yamamoto (Kansai University); Emmanuel Ayedoun (Kansai University); Masataka Tokumaru (Kansai University)	Exercise support system with self-growing avatars using interactive evolutionary computation
GS-16-Kansei Engineering	M	1	E	2	Full paper	259	Moyu Kawabe (Ochanomizu University); Ichiro Kobayashi (Ochanomizu University)	A Study of Emotion-based Music Generation using Diffusion Model
GS-16-Kansei Engineering	M	1	E	3	Full paper	121	Kazuki Hokari (Nippon Bunri University); Keita Kotoo (Nippon Bunri University); Jonas Pramudita (Nihon University)	Investigation of Finger Motion and Brain Activity in a Novel Human Grasping Algorithm
GS-16-Kansei Engineering	M	1	E	4	Short paper	148	Hirari Nishikori (Kagawa University); Saerom Lee (Kagawa University); Toshihiro Hayashi (Kagawa University)	Analysis of the Relationship between Colors and Impression on Studio Ghibli Movie Posters
GS-16-Kansei Engineering	M	1	E	5	Short paper	41	Daisuke Kushida (Tottori University); Kei Nakajima (Tottori University)	Modeling of Weight Perception Based on Subjectivity by Considering Individual Differences
SS-04-Evolutionary Computation, Swarm Intelligence, and Their Applications	M	1	F		Chair		Tomohiro Yoshikawa (Suzuka University of Medical Science), Kei Ohnishi (Kyushu Institute of Technology)	
SS-04-Evolutionary Computation, Swarm Intelligence, and Their Applications	M	1	F	1	Full paper	221	Tomoki Kaho (Muroran Institute of Technology); Kazutoshi Sakakibara (Toyama Prefectural University); Mikiharu Arimura (Muroran Institute of Technology); Shinya Watanabe (Muroran Institute of Technology)	Multiobjective Branch-and-Cut Method with Shared Cutting Plane Information: A Case Study on Optimizing Garbage Collection
SS-04-Evolutionary Computation, Swarm Intelligence, and Their Applications	M	1	F	2	Full paper	15	Atushi Kishimoto (Kyushu Institute of Technology); Kei Ohnishi (Kyushu Institute of Technology)	Probabilistic Model Building Evolutionary Algorithm Using the Same Type and Size of Model for Any Binary Optimization Problems
SS-04-Evolutionary Computation, Swarm Intelligence, and Their Applications	M	1	F	3	Full paper	290	Teruhiko Tokusaka (Osaka Metropolitan University); Naoki Masuyama (Osaka Metropolitan University); Yusuke Nojima (Osaka Metropolitan University)	Constrained Multi-modal Multi-objective Evolutionary Algorithm with Problem Transformation into Two-objective Subproblems
SS-04-Evolutionary Computation, Swarm Intelligence, and Their Applications	M	1	F	4	Full paper	311	Yuki Azuma (Osaka Prefecture University); Naoki Masuyama (Osaka Metropolitan University); Yusuke Nojima (Osaka Metropolitan University)	A Decomposition-based Constrained Multi-objective Evolutionary Algorithm with Adaptive Weight Adjustment
SS-04-Evolutionary Computation, Swarm Intelligence, and Their Applications	M	1	F	5	Full paper	100	Takato Utsumi (Kyushu Institute of Technology); Hiroki Muta (Kyushu Institute of Technology); Chen-Kun Tsung (National Chin-Yi University of Technology); Kei Ohnishi (Kyushu Institute of Technology)	Real-time Support for Solution Search in Human-based Evolutionary Computation
SS-04-Evolutionary Computation, Swarm Intelligence, and Their Applications	M	1	F	6	Full paper	156	Kiyoharu Tagawa (Kindai University); Yukiko Orito (Tamagawa University)	Prospect Theory-Based Formulation of Portfolio Optimization Problem using Loan and Its Solution by Evolutionary Algorithm
SS-07-Recent Trends of Clustering Methodologies	M	1	G		Chair		Seiki Ubukata (Osaka Metropolitan University), Yuchi Kanzawa (Shibaura Institute of Technology)	
SS-07-Recent Trends of Clustering Methodologies	M	1	G	1	Full paper	131	Yuchi Kanzawa (Shibaura Institute of Technology); Vicenç Torra (University of Umeá)	On Some Variants for Anticlustering
SS-07-Recent Trends of Clustering Methodologies	M	1	G	2	Full paper	125	Shujin Saga (Shibaura Institute of Technology); Yuchi Kanzawa (Shibaura Institute of Technology)	On Two Variants of Fuzzy Clustering for Relational Data
SS-07-Recent Trends of Clustering Methodologies	M	1	G	3	Full paper	126	Haruki Kinoshita (Shibaura Institute of Technology); Yuchi Kanzawa (Shibaura Institute of Technology)	Some Variants of Fuzzy c-Directions Clustering Algorithms for Spherical Data
SS-07-Recent Trends of Clustering Methodologies	M	1	G	4	Full paper	77	Haruki Kobayashi (Shibaura Institute of Technology); Yuchi Kanzawa (Shibaura Institute of Technology)	On Variants of Fuzzy Clustering Algorithms with Dimension Reduction
SS-07-Recent Trends of Clustering Methodologies	M	1	G	5	Short paper	2	Yoshifumi Kusunoki (Osaka Metropolitan University); Tomoharu Nakashima (Osaka Metropolitan University)	Development of a Robust Fuzzy c-Means Method Through Convex Analysis
SS-07-Recent Trends of Clustering Methodologies	M	1	G	6	Late Breaking paper	509	Jinsan Jeon (University of Tsukuba); Yasunori Endo (University of Tsukuba);	On Even-sized Entropy Based Fuzzy Non-Metric Model
GS-04-Intelligent Systems/Applications	M	1	H		Chair		Taku Harada (Tokyo University of Science)	
GS-04-Intelligent Systems/Applications	M	1	H	1	Full paper	169	Kuo Yu-Cheng (Tokyo University of Science); Taku Harada (Tokyo University of Science)	Optimizing Job Shop Scheduling with Deep Q-Network for Robust Performance
GS-04-Intelligent Systems/Applications	M	1	H	2	Full paper	74	Nur Qurratu Aina Binti Mahadi (Tokyo University of Technology); Ryota Yoshimura (Tokyo University of Technology); Jinseok Woo (Tokyo University of Technology); Yasuhiro Ohyama (Tokyo University of Technology)	Development of a Modular Structured Drone System to Enhance Robotic Functionality
GS-04-Intelligent Systems/Applications	M	1	H	3	Full paper	212	Kazusa Toyoda (Kyoto Institute of Technology); Yoshiyuki Karuno (Kyoto Institute of Technology)	Implementing Network Transformation Based Algorithms for a Special Case of Scheduling Jobs with Periodic Due Dates on Parallel Machines
GS-04-Intelligent Systems/Applications	M	1	H	4	Short paper	201	Nobuyuki Umezu (Ibaraki University); Satoshi Iijima (Ibaraki University)	Pseudo-Holographic Display of Plant Models based on Pepper's Ghost Illusion
GS-04-Intelligent Systems/Applications	M	1	H	5	Abstract-only paper	48	Akihisa Horio (Kobe Steel Ltd.); Yuki Yamamoto (Kobe Steel Ltd.); Toyohiro Umeda (Kobe Steel Ltd.)	A Proposal on Appropriate Semi-Finished Inventory Holding Strategies in a Material Production Factory under Conditions of Order Fluctuations
GS-04-Intelligent Systems/Applications	M	1	H	6	Late Breaking paper	505	MoonSoo Chang (Seokyeong University); Jiyoung Shin (Korea University)	Developing an Analysis Tool for Phoneme Frequency of Korean



Session	Day	Slot	Room	Order	Category	Paper ID	Author Names	Paper Title
GS-07-Machine Learning/Data Mining	M	2	A		Chair		Ichiro Kobayashi (Ochanomizu University)	
GS-07-Machine Learning/Data Mining	M	2	A	1	Full paper	4	Shihori Uchida (OMRON Corporation); Yuki Hirohashi (OMRON Corporation); Yukiko Yanagawa (OMRON Corporation); Hiroshi Nakajima (OMRON Corporation)	Rethinking the Blood Pressure Estimation Modeling Adapted to Cuff Pressure Pulse Waveform Characteristics
GS-07-Machine Learning/Data Mining	M	2	A	2	Short paper	124	Ying Luo (Ochanomizu University); Satoshi Nishida (Center for Information and Neural Networks (CiNet), National Institute of Information and Communications Technology); Ichiro Kobayashi (Ochanomizu University)	Exploring Individual and Sex Differences from Brain EEG Signals under Music Stimuli
GS-07-Machine Learning/Data Mining	M	2	A	3	Abstract-only paper	161	Yi-Jing Sheen (Taichung Veterans General Hospital); Hsin-Che Wang (Taichung Veterans General Hospital); Chiu-Chin Sung (Taichung Veterans General Hospital); Yu-Wen Fu (Taichung Veterans General Hospital); Kuan-Jung Pan (Taichung Veterans General Hospital); Wan-Ting Huang (Taichung Veterans General Hospital); Min-Yi Chou (Taichung Veterans General Hospital); Hsian-Min Chen (Taichung Veterans General Hospital)	Enhanced Detection of Diabetic Peripheral Neuropathy Using Hyperspectral Imaging and Kernel Least Square Orthogonal Subspace Projection (KLSOSP)
SS-05-Application to infrastructure management and disaster prevention using AI and VR technique	M	2	B		Chair		Hisao Emoto (Tottori University), Kei Kawamura (Yamaguchi University)	
SS-05-Application to infrastructure management and disaster prevention using AI and VR technique	M	2	B	1	Full paper	61	Tianyang Wang (Kansai University); Michiyuki Hirokane (Kansai University); Rena Tani (Cloud Ace Inc.); Kazumasa Kuramoto (Chuden Technology Consultant Co., Ltd.)	Application Of Deep Learning To Basic Surveys For Setting Steep Slope Warning Areas
SS-05-Application to infrastructure management and disaster prevention using AI and VR technique	M	2	B	2	Full paper	187	Renjie Xie (Ritsumeikan University); Yasutoshi Nomura (Ritsumeikan University)	Inspection of concrete hollow slabs based on object detection in electromagnetic radar received images
SS-05-Application to infrastructure management and disaster prevention using AI and VR technique	M	2	B	3	Short paper	211	Ryutarō Oshida (Tottori University); Kano Sasaki (Tottori University); Takao Ota (Tottori University); Hisao Emoto (Tottori University); Nobuki Fukui (Tottori University)	Tsunami Visualization Tool Using Numerical Simulation Utilizing 3D City Model
SS-08-User-friendly and User-adaptable Interactive Systems with Emotions and Kansei	M	2	C		Chair		Tomoko Yonezawa (Kansai University), Hirotake Yamazoe (University of Hyogo)	
SS-08-User-friendly and User-adaptable Interactive Systems with Emotions and Kansei	M	2	C	1	Full paper	115	Tomoko Yonezawa (Kansai University); Yuichi Okada (Kansai University); Xiaoxi Hu (Kansai University); Tomoki Yanagi (Kansai University); Yuki Matsumura (Kansai University); Xin Wan (Kansai University)	Preliminary Study on Emotion Analysis of News Comments Based on PAD Model
SS-08-User-friendly and User-adaptable Interactive Systems with Emotions and Kansei	M	2	C	2	Full paper	263	Malika Ziyada (Kazakh-British Technical University); Pakizar Shamoi (Kazakh-British Technical University)	Video Popularity in Social Media: Impact of Emotions, Raw Features and Viewer Comments
SS-08-User-friendly and User-adaptable Interactive Systems with Emotions and Kansei	M	2	C	3	Full paper	175	Ryota Mima (Kansai University); Yuichi Okada (Kansai University); Shusuke Yoshitsugu (Kansai University); Satomi Shimizu (Tokiwakai Gakuen University); Tomoko Yonezawa (Kansai University)	Extraction of handwriting features in tablet shape drawing for developmental screening
GS-13-Bioinformatics	M	2	D		Chair		Toshiya Arakawa (Nippon Institute of Technology)	
GS-13-Bioinformatics	M	2	D	1	Full paper	188	Shinji Kotani (Osaka City University); Tadashi Nakano (Osaka Metropolitan University); Chikako Yokoyama (Osaka Metropolitan University)	In Vitro Experiments and Computational Modeling of Cancer Invasion
GS-13-Bioinformatics	M	2	D	2	Full paper	246	Ryosuke Hosono (Osaka City University); Tadashi Nakano (Osaka Metropolitan University); Yu-Hsiang Hsu (National Taiwan University); William C. Tang (University of California, Irvine)	Modelling Mechanical Communication and Collective Motion of Cancer Cells
GS-13-Bioinformatics	M	2	D	3	Late Breaking paper	515	Tatsuki Ide (Industrial Research Institute of Shizuoka Prefecture Fuji Technical Support Center); Hideyuki Uruma (Shizuoka Prefectural Research Institute of Animal Industry); Toshiya Arakawa (Nippon Institute of Technology)	Study on the Extraction Method of Activity Levels for Disease Detection in Dairy Cows Using Optical Flow Image Analysis

Session	Day	Slot	Room	Order	Category	Paper ID	Author Names	Paper Title
SS-21-Foundation Models and their Applications	M	2	E		Chair		Keon Myung Lee (Chungbuk National University)	
SS-21-Foundation Models and their Applications	M	2	E	1	Short paper	216	Shinjitsu Agatsuma (Aichi Prefectural University); Reon Ohashi (Aichi Prefectural University); Kazuya Tsubokura (Aichi Prefectural University); Yua Nishio (Aichi Prefectural University); Mai Ishikawa (Aichi Prefectural University); Niina Ito (Aichi Prefectural University); Fukuka Ito (Aichi Prefectural University); Shiori Minami (Aichi Prefectural University); Nao Takegawa (Aichi Prefectural University); Riko Nakamura (Aichi Prefectural University); Kana Yokoyama (Aichi Prefectural University)	Building a Role-Play Interactive System using LLM for Health Guidance Education
SS-21-Foundation Models and their Applications	M	2	E	2	Abstract-only paper	275	Chan Sik Han (Chungbuk National University); Keon Myung Lee (Chungbuk National University)	Effect of Preprocessing Techniques in Deep Learning-Based Time Series Anomaly Detection
SS-21-Foundation Models and their Applications	M	2	E	3	Abstract-only paper	301	Chan Sik Han (Chungbuk National University); Keon Myung Lee (Chungbuk National University)	Effect of Using a Foundation Model for Memory Initialization in a Memory-Augmented Neural Network
SS-16-Rough Sets, Granular Computing and Their Applications	M	2	F		Chair		Yasuo Kudo (Muroran Institute of Technology)	
SS-16-Rough Sets, Granular Computing and Their Applications	M	2	F	1	Short paper	267	Yoshifumi Kusunoki (Osaka Metropolitan University)	Generalization of Rough-set-based Attribute Reduction by Using Purity Functions
SS-16-Rough Sets, Granular Computing and Their Applications	M	2	F	2	Abstract-only paper	138	Kentaro Ishikawa (Osaka University); Masahiro Inuiguchi (Osaka University)	Normality Condition and Estimation of a Twofold Interval Weight Vector from an Interval Pairwise Comparison Matrix
SS-16-Rough Sets, Granular Computing and Their Applications	M	2	F	3	Abstract-only paper	194	Yeyang Hong (Osaka University); Masahiro Inuiguchi (Osaka University); Shigeaki Innan (Osaka University)	Ranking Performances of Interval Priority Weight Estimation Methods Based on Minimal Possible Ranges Incorporating Center Estimations in the Preliminary Models
SS-16-Rough Sets, Granular Computing and Their Applications	M	2	F	4	Abstract-only paper	183	Koichiro Hirose (Osaka University); Masahiro Inuiguchi (Osaka University); Yeyang Hong (Osaka University)	Comparison of Estimation Method of Interval Priority Weight Vector by the Set of Alternative Orders
GS-10-Deep Learning	M	2	G		Chair		Naoki Masuyama (Osaka Metropolitan University)	
GS-10-Deep Learning	M	2	G	1	Full paper	123	Muneyuki Unehara (Hokkaido Musashi Women's University); Kento Ogata (Nagaoka University of Technology); Takashi Yukawa (Nagaoka University of Technology)	Enhancing Feature Prediction in Image Generation Models via Task Arithmetic
GS-10-Deep Learning	M	2	G	2	Full paper	180	Keishi Ohya (Kansai University); Emmanuel Ayedoun (Kansai University); Masataka Tokumaru (Kansai University)	Evolutionary Music Synthesis: A Generative AI System with Interactive User Feedback
GS-10-Deep Learning	M	2	G	3	Abstract-only paper	268	Kenji Kanda (Mie University); Ryo Takahashi (KIOXIA Corporation); Takahiro Shimamoto (KIOXIA Corporation); Yasushi Arimura (KIOXIA Corporation); Yuichi Tokuyama (KIOXIA Corporation); Tomoya Kawai (KIOXIA Corporation); Hiroyuki Morinaga (KIOXIA Corporation); Hiroharu Kawanaka (Mie University); Tetsushi Wakabayashi (Mie University)	A Study on Wafer Map Defect Pattern Classification Using Divisive Hierarchical Embedded Clustering
GS-01-Artificial Intelligence	M	2	H		Chair		Yusuke Nojima (Osaka Metropolitan University)	
GS-01-Artificial Intelligence	M	2	H	1	Full paper	21	Men-Shen Tsai (National Taipei University of Technology); Yen-Kuang Lin (National Taipei University of Technology)	Threshold-free Event Detection for Non-Intrusive Load Monitoring using Recurrence Plot and Convolutional Neural Networks
GS-01-Artificial Intelligence	M	2	H	2	Abstract-only paper	72	Rin Okumura (Chuo University); Shugo Tanaka (Chuo University); Hiroko Shoji (Chuo University); Ippeita Dan (Chuo University); Yasushi Kyutoku (Chuo University)	Comparative Validation of Meat Alternative and Edible Insect Intake Intention and Rejection Model
GS-01-Artificial Intelligence	M	2	H	3	Abstract-only paper	71	Shugo Tanaka (Chuo University); Rin Okumura (Chuo University); Hiroko Shoji (Chuo University); Ippeita Dan (Chuo University); Yasushi Kyutoku (Chuo University)	Verification of Users' Evaluations of Cashless Service Technology Based on Whether or Not They Have Experienced Problems

Session	Day	Slot	Room	Order	Category	Paper ID	Author Names	Paper Title
SS-01-Theory and Applications of Intelligent Systems	M	3	A		Chair		Eiko Furutani (University of Hyogo)	
SS-01-Theory and Applications of Intelligent Systems	M	3	A	1	Full paper	86	Poonnaphop Kujareanpaisal (Chulalongkorn University); Rujira Mayhasap (Chulalongkorn University); Pin Pin Teamakon (Sasin School of Management); Pavitra Jindahra (Sasin School of Management); Stefano Starita (Sasin School of Management); Nagul Cooharajanane (Chulalongkorn University); Kanokwan Atcharyachanvanich (King Mongkut's Institute of Technology Ladkrabang)	BMA for the BMA: Boosting Mobility Analysis for the Bangkok Metropolitan Administration via Automated Pedestrian Counting from CCTV
SS-01-Theory and Applications of Intelligent Systems	M	3	A	2	Full paper	223	Haruumi Koga (University of Hyogo); Tomoko Yonezawa (Kansai University); Hirotake Yamazoe (University of Hyogo)	Preliminary Analysis of Impression Changes by Adding a Pause to Piece Movement Motions of an Arm Robot
SS-01-Theory and Applications of Intelligent Systems	M	3	A	3	Full paper	88	Shuhei Kimura (Tottori University); Kenta Yuasa (Tottori University); Masato Tokuhisa (Tottori University)	A Bias in Training Data Degrades the Quality of Variable Importance Scores of Random Forests
SS-01-Theory and Applications of Intelligent Systems	M	3	A	4	Short paper	157	Hiroto Nakai (University of Hyogo); Natsuki Kawaguchi (University of Hyogo); Nozomu Araki (University of Hyogo)	Model Predictive Control Based on Estimated Dynamics with Extended State Observer and its Application of Quadrotor
SS-01-Theory and Applications of Intelligent Systems	M	3	A	5	Abstract-only paper	119	Ryuto Kobayashi (University of Hyogo); Takao Sato (University of Hyogo); Yusuke Tsunoda (University of Hyogo)	OFSP-based Adaptive Control for Nonlinear Multi-agent Systems
SS-19-Maritime Intelligent Systems	M	3	B		Chair		Kwang-II Kim (Jeju National University); Taeho Hong (Mokpo National Maritime University)	
SS-19-Maritime Intelligent Systems	M	3	B	1	Short paper	282	Eun-A Song (Jeju National University); Hye-Min Kim (Jeju National University); Jung-Sik Jeong (Mokpo National Maritime University); Kwang-II Kim (Jeju National University)	Analysis of Spatio-Temporal Fishing Status of Large purse seine fishery Using AIS Data
SS-19-Maritime Intelligent Systems	M	3	B	2	Abstract-only paper	294	Geuntaek Ro (Mokpo National Maritime University); Taeho Hong (Mokpo National Maritime University)	Ship Avoidance Algorithm in Rough Weather using Fuzzy Inference
SS-19-Maritime Intelligent Systems	M	3	B	3	Abstract-only paper	310	Jinwan Park (Korea Coast Guard Region-West); Kwang-II Kim (Jeju National University); Kyeong Seok Ok (KJ Engineering, Co. Ltd.); Hyun Jun Choi (Mokpo National Maritime University); Jung Sik Jeong (Mokpo National Maritime University)	An efficient route planning using prediction of ship movement
SS-19-Maritime Intelligent Systems	M	3	B	4	Late Breaking paper	511	Hyejin Kim (Global Control Co.,Ltd); Jeongin Choi (Global Control Co.,Ltd)	Development of Accident Response Support System Technology
SS-19-Maritime Intelligent Systems	M	3	B	5	Late Breaking paper	512	Younggeun Lee (Global Control Co.,Ltd); Daeseop Lim (Global Control Co.,Ltd)	A technique for predicting collisions on a route planning of Maritime Autonomous Surface Ships using spatial index
SS-15-Science and Technology in Awareness Computing at the Levels of Humans, Communities, and the World	M	3	C		Chair		Tadahiko Murata (Osaka University)	
SS-15-Science and Technology in Awareness Computing at the Levels of Humans, Communities, and the World	M	3	C	1	Full paper	280	Robert Kozma (University of Memphis)	Sustainable Artificial Intelligence Must Be Aware of Its Body and the Environment
SS-15-Science and Technology in Awareness Computing at the Levels of Humans, Communities, and the World	M	3	C	2	Full paper	304	Joshua Davis (The University of Auckland); Florian Schubeler (The Embassy of Peace Whitianga); Robert Kozma (University of Memphis)	A Systemic and Semiotic Approach to Thoughts and Meaning Creation Manifested in Intentional Actions
SS-15-Science and Technology in Awareness Computing at the Levels of Humans, Communities, and the World	M	3	C	3	Full paper	279	Shunta Horigami (Osaka University); Tadahiko Murata (Osaka University); Shintaro Kitashita (Kansai University)	Assigning Transportation Modes to Workers Using Statistics in Japanese Synthetic Populations
SS-15-Science and Technology in Awareness Computing at the Levels of Humans, Communities, and the World	M	3	C	4	Full paper	305	Alexandre Ken Tabouret (Osaka Metropolitan University); Eric M. Vernon (Osaka Metropolitan University); Naoki Masuyama (Osaka Metropolitan University); Yusuke Nojima (Osaka Metropolitan University)	Enhancing Machine Learning Interpretability Through a Graphical User Interface
SS-15-Science and Technology in Awareness Computing at the Levels of Humans, Communities, and the World	M	3	C	5	Full paper	243	Yuhan Peng (The University of Aizu); Yan Lyu (Muroran Institute of Technology); Qiangfu Zhao (The University of Aizu)	Combining TL and KD for Object Detection Model Compression
GS-11-Fuzzy Systems and Fuzzy Control	M	3	D		Chair		In-Ho Ra (Kunsan National University)	
GS-11-Fuzzy Systems and Fuzzy Control	M	3	D	1	Full paper	312	Kishor C (Vellore Institute of Technology); Jagadeeswari Murugan (Vellore Institute of Technology); Thiruvendakam S (Vellore Institute of Technology); Raju J (Vellore Institute of Technology); In-Ho Ra (Kunsan National University)	Selection of gubbins for wind turbine blades using fuzzy WASPAS method
GS-11-Fuzzy Systems and Fuzzy Control	M	3	D	2	Full paper	192	Haiqing Wang (University of Toyama); ZeYuan Ju (University of Toyama); Chouyu Chen (University of Toyama); Zhipeng Liu (University of Toyama); Qiong Fu (University of Toyama); Shangce Gao (University of Toyama)	EC-Net: Efficient Compound Network with Dendritic Learning for Cataract Eye Detection
GS-11-Fuzzy Systems and Fuzzy Control	M	3	D	3	Full paper	146	Yuto Asai (Aoyama Gakuin University); Yutoku Takahashi (Aoyama Gakuin University); Jun Yoneyama (Aoyama Gakuin University)	Observer design for Takagi-Sugeno fuzzy descriptor system using a Lyapunov function with integrals of the membership functions
GS-11-Fuzzy Systems and Fuzzy Control	M	3	D	4	Full paper	49	Pavel Martinek (Tomas Bata University in Zlin)	Pumping Lemmata for Fuzzy Languages Accepted by Jumping and Right One-Way Jumping Fuzzy Finite Automata
GS-11-Fuzzy Systems and Fuzzy Control	M	3	D	5	Short paper	235	Kento Jinkawa (National Institute of Technology, Maizuru College); Kentaro Mori (National Institute of Technology, Maizuru College)	Evaluation of Soldering Skill Using Fuzzy Inference
GS-11-Fuzzy Systems and Fuzzy Control	M	3	D	6	Abstract-only paper	176	Yu-Hsuan Shen (National Central University); Ying-Jen Chen (Yuan Ze University); Wen-June Wang (National Central University)	Fuzzy Descriptor-Form-Based Optimum Control Design for Lateral Control of a Powered Paraglider

Session	Day	Slot	Room	Order	Category	Paper ID	Author Names	Paper Title
SS-12-Understanding Human Behavior and Knowledge Acquisition	M	3	E		Chair		Takenori Obo (Tokyo Metropolitan University)	
SS-12-Understanding Human Behavior and Knowledge Acquisition	M	3	E	1	Late Breaking paper	510	Risa Kojima (Tokyo Metropolitan University); Eri Sato-Shimokawara (Tokyo Metropolitan University)	Feasibility Study of a Chatbot Interruption Viewpoint from Stress and Daily Activity towards Long-Term Activity Knowledge Acquisition
SS-12-Understanding Human Behavior and Knowledge Acquisition	M	3	E	2	Full paper	229	Angga Wahyu Wibowo (Tokyo Metropolitan University); Eri Sato-Shimokawara (Tokyo Metropolitan University); Kurnianingsih (Politeknik Negeri Semarang)	Greeting Gesture Analysis Using Boosting Algorithms and SHAP
SS-12-Understanding Human Behavior and Knowledge Acquisition	M	3	E	3	Abstract-only paper	248	Akiho Minegishi (Nihon University); Kenro Go (Nihon University); Masato Furuno (SoftBank Corp.); Yuji Kimura (Nihon University); Yusuke Ichikawa (Saitama University); Akihiro Miyata (Nihon University)	Study on Effects of Anonymity in Text Chat during Video Conferencing
SS-12-Understanding Human Behavior and Knowledge Acquisition	M	3	E	4	Full paper	264	Maksat Shagyro (Kazakh-British Technical University); Pakizar Shamo (Kazakh-British Technical University)	Color and Sentiment: A Study of Emotion-Based Color Palettes in Marketing
SS-12-Understanding Human Behavior and Knowledge Acquisition	M	3	E	5	Full paper	295	Hiroki Shibata (Tokyo Metropolitan University); Takenori Obo (Tokyo Metropolitan University); Yohei Anzai (Exevita inc.); Eri Sato-Shimokawara (Tokyo Metropolitan University); Yihsin Ho (Takushoku University); Yasufumi Takama (Tokyo Metropolitan University); Ichiro Kobayashi (Takushoku University)	Energy-Based Continuous Time Series Probability Model with Latent Stochastic Process
SS-12-Understanding Human Behavior and Knowledge Acquisition	M	3	E	6	Full paper	300	Takenori Obo (Tokyo Metropolitan University); Angga Wahyu Wibowo (Tokyo Metropolitan University); Eri Sato-Shimokawara (Tokyo Metropolitan University); Hiroki Shibata (Tokyo Metropolitan University); Yihsin Ho (Takushoku University); Ichiro Kobayashi (Takushoku University)	Extracting Motion Patterns of Greeting Gestures Using GNG with Spiking Neuron Model
SS-04-Evolutionary Computation, Swarm Intelligence, and Their Applications	M	3	F		Chair		Tomohiro Yoshikawa (Suzuka University of Medical Science), Kei Ohnishi (Kyushu Institute of Technology)	
SS-04-Evolutionary Computation, Swarm Intelligence, and Their Applications	M	3	F	1	Full paper	27	Mamoru Doi (Mitsubishi Electric Corporation); Kenya Sugihara (Mitsubishi Electric Corporation); Masao Arakawa (Waseda University)	Genetic Algorithm with Efficient Selection Using Pareto Front Modeling and Data Envelopment Analysis
SS-04-Evolutionary Computation, Swarm Intelligence, and Their Applications	M	3	F	2	Full paper	59	Yuta Nakanishi (Mitsubishi Electric Corporation); Mamoru Doi (Mitsubishi Electric Corporation); Hiroyuki Sato (The University of Electro-Communications)	The impact of tournament size on the performance of evolutionary multi-objective and many-objective algorithms
SS-04-Evolutionary Computation, Swarm Intelligence, and Their Applications	M	3	F	3	Full paper	127	Lie Meng Pang (Southern University of Science and Technology); Hisao Ishibuchi (Southern University of Science and Technology)	Distance-based Subset Selection with a Knee Point for Multi-objective Optimization
SS-04-Evolutionary Computation, Swarm Intelligence, and Their Applications	M	3	F	4	Full paper	132	Tetsuyuki Takahama (Hiroshima City University); Setsuko Sakai (Hiroshima Shudo University)	Multimodal Optimization by Speciation-Based Differential Evolution using Graphs with Stochastic Global and Local Searches and Crossover
SS-04-Evolutionary Computation, Swarm Intelligence, and Their Applications	M	3	F	5	Abstract-only paper	113	Syaiful Anam (Brawijaya University); Safrizal Ardana Ardiyansa (Brawijaya University); Zuraidah Fitriah (Brawijaya University); Mohamad Musliikh (Brawijaya University)	Developing Heart Attack Prediction Method Based XGBoost Method with Binary Bat Algorithm Feature Selection
SS-07-Recent Trends of Clustering Methodologies	M	3	G		Chair		Seiki Ubukata (Osaka Metropolitan University), Yuchi Kanzawa (Shibaura Institute of Technology)	
SS-07-Recent Trends of Clustering Methodologies	M	3	G	1	Full paper	104	Sakuya Furuta (University of Tsukuba); Yasunori Endo (University of Tsukuba)	On a New Rough Clustering Based on Optimization
SS-07-Recent Trends of Clustering Methodologies	M	3	G	2	Full paper	147	Hiroki Miyakawa (University of Tsukuba); Yasunori Endo (University of Tsukuba)	A Note on Even-Sized Spectral Clustering
SS-07-Recent Trends of Clustering Methodologies	M	3	G	3	Full paper	214	Koh Kumamoto (University of Tsukuba); Yasunori Endo (University of Tsukuba)	Whole Time-Series Clustering by Embedding Relational Graphs into Vector Spaces Using DeepWalk
SS-07-Recent Trends of Clustering Methodologies	M	3	G	4	Full paper	22	Katsuhiro Honda (Osaka Metropolitan University); Daichi Machida (Osaka Metropolitan University); Seiki Ubukata (Osaka Metropolitan University); Akira Notsu (Osaka Metropolitan University)	Extension of Fuzzy c-Lines Considering Compactness and Separation of Clusters
SS-07-Recent Trends of Clustering Methodologies	M	3	G	5	Full paper	23	Katsuhiro Honda (Osaka Metropolitan University); Haruto Miwa (Osaka Metropolitan University); Seiki Ubukata (Osaka Metropolitan University); Akira Notsu (Osaka Metropolitan University)	Utilization of Genre Information in Collaborative Filtering by Three-mode Fuzzy Co-Clustering
SS-07-Recent Trends of Clustering Methodologies	M	3	G	6	Abstract-only paper	170	Daiki Ito (Osaka Metropolitan University); Seiki Ubukata (Osaka Metropolitan University); Katsuhiro Honda (Osaka Metropolitan University)	Basic Consideration of Spherical Rough C-Means Clustering and Its Application to Collaborative Filtering
GS-05-Intelligent Transportation Systems	M	3	H		Chair		Tomoe Entani (University of Hyogo)	
GS-05-Intelligent Transportation Systems	M	3	H	1	Full paper	6	Melih Akdag (Norwegian University of Science and Technology); Tor A. Johansen (Norwegian University of Science and Technology)	Prioritizing and Ranking Ships in Multi-encounter Scenarios for Autonomous Navigation
GS-05-Intelligent Transportation Systems	M	3	H	2	Full paper	255	Sui-Ling Li (National Pengu University of Science and Technology)	Predicting Models of Per Day Inbound/Outbound Baggage at Terminal 2 of Taoyuan International Airport during 2019-2023
GS-05-Intelligent Transportation Systems	M	3	H	3	Full paper	122	Kotaro Yamada (Kyoto Institute of Technology); Yoshiyuki Karuno (Kyoto Institute of Technology); Hitoshi Iima (Kyoto Institute of Technology)	Integer Programming Approaches to an Issue of Scheduling for a Truck-drone Last-mile Delivery System with Parcel Pickup Service
GS-05-Intelligent Transportation Systems	M	3	H	4	Short paper	142	Wooyong Sim (Kansai University); B. Shin (Hanyang University); H. Shin (Hanyang University); G. Lee (Hanyang University); Hiroaki Inokuchi (Kansai University)	Comparative Analysis of Public Bicycle Usage Patterns between Seoul's 'Ttareungi' and New York's 'Citi Bike'
GS-05-Intelligent Transportation Systems	M	3	H	5	Short paper	38	Shoji Takatera (Nagoya Institute of Technology); Kenji Funahashi (Nagoya Institute of Technology); Koji Tanida (Kindai University); Shinji Mizuno (Aichi Institute of Technology)	Psychological Analysis of Right-Turn Driving Behavior for Development of Autonomous Vehicles
GS-05-Intelligent Transportation Systems	M	3	H	6	Abstract-only paper	137	Daojun Li (Civil Aviation University of China); Changxiao Zhao (Civil Aviation University of China); Kenian Wang (Civil Aviation University of China)	Deep Reinforcement Learning-based eVTOL Path Planning with Dynamic Obstacle Avoidance in The Complex Air Traffic Environment

Session	Day	Slot	Room	Order	Category	Paper ID	Author Names	Paper Title
SS-13-Advancing Soft Computing Solutions for Real-World Problems	T	1	B		Chair		Yukinobu Hoshino (Kochi University of Technology)	
SS-13-Advancing Soft Computing Solutions for Real-World Problems	T	1	B	1	Full paper	256	Yukinobu Hoshino (Kochi University of Technology); Namal Rathnayake (The University of Tokyo); Tuan Linh Dang (Hanoi University of Science and Technology); Upaka Rathnayake (Atlantic University of Technology)	Empirical research on 3D analysis and flow prediction of upstream rivers using drones
SS-13-Advancing Soft Computing Solutions for Real-World Problems	T	1	B	2	Full paper	244	Yoshua K Nomura (Kochi University); Yuki Hyohdoh (Kochi University); Keita Mitani (Kochi University); Yutaka Hatakeyama (Kochi University)	Implementation of Pneumoconiosis Detection xAI in Chest X-ray Images
SS-13-Advancing Soft Computing Solutions for Real-World Problems	T	1	B	3	Full paper	51	Stefan Baar (Muroran Institute of Technology); Yosuke Kobayashi (Muroran Institute of Technology); Shinya Watanabe (Muroran Institute of Technology)	Tomato Fruit Evolution and Maturity estimation from RGB Time-lapse Observation via Modern Structure from Motion and Instance Segmentation
SS-13-Advancing Soft Computing Solutions for Real-World Problems	T	1	B	4	Short paper	226	Moegi Utami (Kochi University of Technology); Yukinobu Hoshino (Kochi University of Technology); Namal B. Rathnayake (University of Tokyo)	Accuracy Validation of Cardiac Disease Dataset with Cascaded ANFIS
SS-13-Advancing Soft Computing Solutions for Real-World Problems	T	1	B	5	Late Breaking paper	514	Nan Bu (National Institute of Technology, Kumamoto College);	An Experimental Study on Stress-induction Typing Tests with Different Keyboard Configurations
SS-23-Advances in Deep Neural Network Training	T	1	C		Chair		Jee-Hyong Lee (Sungkyunkwan University)	
SS-23-Advances in Deep Neural Network Training	T	1	C	1	Full paper	237	Izuho Takahashi (University of Tsukuba); Zeyuan Chen (University of Tsukuba); Masahiko Mikawa (University of Tsukuba); Makoto Fujisawa (University of Tsukuba)	Video Generation with Single Flame Image and Wind Direction Information
SS-23-Advances in Deep Neural Network Training	T	1	C	2	Full paper	165	Byung-Joon Lee (Sungkyunkwan University); Jin-Seop Lee (Sungkyunkwan University); Jee-Hyong Lee (Sungkyunkwan University)	CAFTTA: Mitigating Unseen Class Forgetting in Test-Time Adaptation with Knowledge Fusion
SS-23-Advances in Deep Neural Network Training	T	1	C	3	Full paper	222	HanBeul Kim (Sungkyunkwan University); CheolWon Na (Sungkyunkwan University); YunSeok Choi (Sungkyunkwan University); Jee-Hyong Lee (Sungkyunkwan University)	Representative Item Summarization Prompting for LLM-based Sequential Recommendation
SS-23-Advances in Deep Neural Network Training	T	1	C	4	Full paper	233	SungJoon Hwang (Sungkyunkwan University); Mann Soo Hong (Sungkyunkwan University); Jee-Hyong Lee (Sungkyunkwan University)	Debiasing CLIP with Feature Augmentation and Selective Update to Preserve Zero-shot Capability
GS-08-Medical Informatics	T	1	D		Chair		Hiroharu Kawanaka (Mie University)	
GS-08-Medical Informatics	T	1	D	1	Full paper	33	Hsing-Chen Meng (National Yang Ming Chiao Tung University); Yi-hui Lin (Taichung Veterans General Hospital); Chun-Rong Huang (National Yang Ming Chiao Tung University); Nai-Wen Shih (Taichung Veterans General Hospital); Shawn Wu (SY Research Institute); Yen-Yu Lin (National Yang Ming Chiao Tung University)	Diffusion-based Augmentation for Lung Cancer Risk Prediction from Temporal CT Images
GS-08-Medical Informatics	T	1	D	2	Full paper	245	Miki Eto (Kumamoto University); Masahiro Migita (Kumamoto University); Masashi Toda (Kumamoto University); Kazuaki Kondo (Kyoto University); Qi An (Tokyo University); Junichi Akita (Kanazawa University); Yuichi Nakamura (Kyoto University)	Motion Simulation for Fatigue Reduction and Actual Measurement Using EMG
GS-08-Medical Informatics	T	1	D	3	Abstract-only paper	262	Kohei Yamashita (University of Hyogo); Yusuke Kadono (University of Hyogo); Mizuki Sato (University of Hyogo); Tadamasa Takemura (University of Hyogo)	Consideration of a Personal Health Record System Based on Citizen Science
GS-08-Medical Informatics	T	1	D	4	Abstract-only paper	287	Ryuji F. Aoki (Mie University); Takumi Kitajima (Mie University); Hiroharu Kawanaka (Mie University)	A Study on Construction of Fall Prediction Models for Elderly Using Motion Sensor Data

Session	Day	Slot	Room	Order	Category	Paper ID	Author Names	Paper Title
GS-12-Neural Networks	T	1	E		Chair		Keiji Kamei (Nishinippon Institute of Technology)	
GS-12-Neural Networks	T	1	E	1	Full paper	152	Eri Kuroda (Ochanomizu University); Yuki Taya (Ochanomizu University); Ichiro Kobayashi (Ochanomizu University)	Verbal Description Focusing on Physical Properties of Real-World Environments
GS-12-Neural Networks	T	1	E	2	Full paper	28	Steven Christ Pinantyo (Universitas Indonesia); Muhammad Yusuf Kardawi (Universitas Indonesia); Aniati Murni Arymurthy (Universitas Indonesia); Andie Setiyoko (National Research and Innovation Agency (BRIN)); Muhammad Ridha Adhari (Universitas Syiah Kuala)	UNet-based Land Cover Segmentation with Ensembled Encoder for Fine Details Enhancement
GS-12-Neural Networks	T	1	E	3	Full paper	209	Tatsuma Hachiya (Kyushu Institute of Technology); Keiji Kamei (Nishinippon Institute of Technology)	Prediction Of Power Demand And Factor Identification Using Sparse Modeling AI With Ensemble Learning For Improvement Of Accuracy
GS-12-Neural Networks	T	1	E	4	Full paper	75	Zhipeng Liu (University of Toyama); Yidong Cao (University of Toyama); ZeYuan Ju (University of Toyama); Qiong Fu (University of Toyama); Yi Ou (University of Toyama); Shange Gao (University of Toyama)	A Novel MRI Brain Tumor Detection Method Incorporated Residual Dendritic Learning
GS-12-Neural Networks	T	1	E	5	Full paper	76	Yidong Cao (University of Toyama); Zhipeng Liu (University of Toyama); Qiong Fu (University of Toyama); ZeYuan Ju (University of Toyama); Yi Ou (University of Toyama); Shange Gao (University of Toyama)	Multi-Scale Local Feature Fusion-Based Polyp Segmentation Method in Colonoscopy Images
SS-09-Image Processing and Artificial Intelligence for Human-centered Computing	T	1	F		Chair		Yoichi Kageyama (Akita University), Hikaru Shirai (Akita University)	
SS-09-Image Processing and Artificial Intelligence for Human-centered Computing	T	1	F	1	Short paper	30	Rio Tanabe (Akita University); Ryota Kikuchi (Akita University); Min Zou (Akita University); Yoichi Kageyama (Akita University); Kenji Suehiro (Cable Networks Akita Co., Ltd.); Nobuaki Takahashi (Cable Networks Akita Co., Ltd.); Hiroki Saito (Cable Networks Akita Co., Ltd.); Takuya Kobayashi (Cable Networks Akita Co., Ltd.); Fumito Watanabe (ALL-A Co., Ltd.); Hisami Satake (ALL-A Co., Ltd.); Naoko Sato (ALL-A Co., Ltd.)	Emotional Estimation Method through Fusion of Temporal Skin Temperature and Eye State Changes
SS-09-Image Processing and Artificial Intelligence for Human-centered Computing	T	1	F	2	Short paper	53	Hikaru Shirai (Akita University); Nguyen Thanh Tuan (Akita University); Yoichi Kageyama (Akita University); Miyuki Asano (I. M. Service co., Ltd.); Sayaka Itoh (I. M. Service co., Ltd.)	Estimation of water quality status of Lake Hachiroko, Japan, using remote sensing data and water depth and temperature
SS-09-Image Processing and Artificial Intelligence for Human-centered Computing	T	1	F	3	Short paper	98	Shuei Tatsumi (Akita University); Min Zou (Akita University); Katsuya Sasaki (Akita University Hospital); Hideaki Kagaya (Akita University Hospital); Nobuhiro Fujiyama (Akita University Hospital); Yoichi Kageyama (Akita University)	Distinguishing Identical Pills in Unit-Dose Packages with Balanced Data
SS-09-Image Processing and Artificial Intelligence for Human-centered Computing	T	1	F	4	Short paper	111	Ryota Kikuchi (Akita University); Yoichi Kageyama (Akita University); Hikaru Shirai (Akita University); Chikako Ishizawa (Akita University); Kenji Suehiro (Cable Networks Akita Co., Ltd.); Nobuaki Takahashi (Cable Networks Akita Co., Ltd.); Hiroki Saito (Cable Networks Akita Co., Ltd.); Takuya Kobayashi (Cable Networks Akita Co., Ltd.); Fumito Watanabe (ALL-A Co., Ltd.); Hisami Satake (ALL-A Co., Ltd.); Naoko Sato (ALL-A Co., Ltd.)	Method for Classifying Emotions in Older Adults Playing eSports
SS-09-Image Processing and Artificial Intelligence for Human-centered Computing	T	1	F	5	Short paper	57	Yudai Ito (Akita University); Chikako Ishizawa (Akita University); Yoichi Kageyama (Akita University)	Facial Video Analysis using Eye-tracking data during Japanese Text Reading
SS-09-Image Processing and Artificial Intelligence for Human-centered Computing	T	1	F	6	Full paper	42	Hiroshi Omori (The University of Tokyo); Kazunori Hanyu (Nihon University)	How close has computer vision become to human image cognition?
SS-09-Image Processing and Artificial Intelligence for Human-centered Computing	T	1	F	7	Short paper	230	Tepei Fukuda (Akita Prefectural University); Masaki Ishii (Akita Prefectural University); Hidekatsu Ito (Akita Prefectural University); Kohji Dohsaka (Akita Prefectural University)	Measuring Fruit Diameter for Fruit Tree Management Purposes using an RGB-D Camera
GS-10-Deep Learning	T	1	G		Chair		Yoshifumi Kusunoki (Osaka Metropolitan University)	
GS-10-Deep Learning	T	1	G	1	Full paper	302	Md. Anas Ali (Jashore University of Science and Technology); Daisuke Fujita (University of Hyogo); Yuna Makihara (University of Hyogo); Kazuma Noguchi (University of Hyogo); Soji Kobashi (University of Hyogo)	Automated Depth-Level Classification of Impacted Mandibular Third Molars Using Deep Learning on Panoramic X-Rays
GS-10-Deep Learning	T	1	G	2	Full paper	303	Md. Anas Ali (Jashore University of Science and Technology); Daisuke Fujita (University of Hyogo); Soji Kobashi (University of Hyogo)	Automated Detection and Classification of Mandibular Third Molar Impactions in Panoramic X-rays
GS-10-Deep Learning	T	1	G	3	Short paper	292	Soya Kobayashi (University of Hyogo); Daisuke Fujita (University of Hyogo); Hironobu Shibutani (Ishikawa Hospital); Shinsuke Gohara (Ishikawa Hospital); Soji Kobashi (University of Hyogo)	ESWL Outcome Prediction with SMOTE and Stratified Sampling
GS-10-Deep Learning	T	1	G	4	Short paper	81	JongMin Jeong (Kyungnam University); Jong O Seo (Kyungnam University); Dong Hun Kim (Kyungnam University)	Detection System for Automotive Engine Governor Based on CNN Algorithm
GS-10-Deep Learning	T	1	G	5	Short paper	82	Junhyeong Kim (Kyungnam University); Dong Hun Kim (Kyungnam University)	Neural Network Modeling and PID Control for 3- DOF Horizontal Stabilization Platform
GS-10-Deep Learning	T	1	G	6	Short paper	102	Gyeong-min Jang (Honam University); Eu-Tteum Baek (Honam University)	Swin transformer-based poisonous mushroom classification model
GS-10-Deep Learning	T	1	G	7	Short paper	231	Hanna Bae (Honam University); Eu-Tteum Baek (Honam University)	Food image classification based on Swin Transformer model

Session	Day	Slot	Room	Order	Category	Paper ID	Author Names	Paper Title
SS-14-Flexible Behavior with Brain and Soft Computing	T	2	C		Chair		Suguru N. Kudoh (Kwansei Gakuin University)	
SS-14-Flexible Behavior with Brain and Soft Computing	T	2	C	1	Full paper	114	Hiroki Asada (Kwansei Gakuin University); Suguru N. Kudoh (Kwansei Gakuin University)	Deep Learning-Based Analysis of Neuronal Signal Streams: Estimating the Activity Range of Cultured Neuronal Networks in Consecutive Stimulus Inputs Using CNN
SS-14-Flexible Behavior with Brain and Soft Computing	T	2	C	2	Full paper	63	Takahiro Yamanoi (Hokkaido University); Hisashi Toyoshima (Hokkaido University); Mika Otsuki (Hokkaido University); Shin-ichi Ohnishi (Hokkai-Gakuen University)	Spatiotemporal Comparison of Brain Activities Between Quadruped Image Recognition and Recalling Processes
SS-14-Flexible Behavior with Brain and Soft Computing	T	2	C	3	Abstract-only paper	252	Aoto Kidachi (Tokyo University of Technology); Masayuki Kikuchi (Tokyo University of Technology)	Place Cells in CNN-based Deep Reinforcement Learning Model
GS-13-Bioinformatics	T	2	D		Chair		Seiki Ubukata (Osaka Metropolitan University)	
GS-13-Bioinformatics	T	2	D	1	Late Breaking paper	516	Mayuka Chiba (Osaka Metropolitan University); Tadashi Nakano (Osaka Metropolitan University)	Simulating Multi-target Detection by a Molecular Communication System with Cooperative Gradient Detection
GS-13-Bioinformatics	T	2	D	2	Late Breaking paper	518	Junning Zhu (Osaka Metropolitan University); Tadashi Nakano (Osaka Metropolitan University)	A Mechanics-based Computational Model of Vasculogenic Mimicry
GS-13-Bioinformatics	T	2	D	3	Late Breaking paper	521	Xichao Wang (Osaka Metropolitan University); Tadashi Nakano (Osaka Metropolitan University)	Void-Based Analysis of Vascular-Like Networks
GS-13-Bioinformatics	T	2	D	4	Late Breaking paper	520	San Kim (Sungkyunkwan University); Seungjun Lee (Sungkyunkwan University); Sichan Oh (Sungkyunkwan University); Jaekwang Kim (Sungkyunkwan University)	DeepInteract: A Graph Transformer-Based Approach for Protein-Ligand Interaction Site Prediction Using Regression
GS-07-Machine Learning/Data Mining	T	2	E		Chair		Yoshifumi Kusunoki (Osaka Metropolitan University)	
GS-07-Machine Learning/Data Mining	T	2	E	1	Full paper	47	Shunsuke Takagi (Meiji University); Yohei Nakada (Meiji University)	Enhancing Formation Analysis Using Multi-layer Graph Convolutional Neural Networks and Geometric Formation Features
GS-07-Machine Learning/Data Mining	T	2	E	2	Short paper	258	Mariko Sugimura (Ochanomizu University); Ichiro Kobayashi (Ochanomizu University)	The Effect of Different Experimental Settings on Off-Policy Evaluations
GS-07-Machine Learning/Data Mining	T	2	E	3	Short paper	79	Bunka Son (Kobe University); Mai Kimura (Kobe University); Zhiwei Luo (Kobe University); Yuping Sun (Kobe University)	Damage Assessment of Concrete Beams based on Fractal Analysis and Drift
GS-17-Distributed Systems	T	2	F		Chair		Tomoe Entani (University of Hyogo)	
GS-17-Distributed Systems	T	2	F	1	Full paper	12	Arya Wicaksana (Universitas Multimedia Nusantara); Moeljono Widjaja (Universitas Multimedia Nusantara); Matthew Marcellino (Universitas Multimedia Nusantara)	Scalability Evaluation of zk-SNARK Authentication in Blockchain-Based E-Voting
GS-17-Distributed Systems	T	2	F	2	Full paper	93	Ritsuki Sato (Shinshu University); Ryo Shibata (Shinshu University); Fumihito Sasamori (Shinshu University)	Theoretical Analysis of Transmission Characteristics in PORC-OFDM Systems
GS-17-Distributed Systems	T	2	F	3	Full paper	94	Yuji Akiba (Shinshu University); Ryo Shibata (Shinshu University); Fumihito Sasamori (Shinshu University)	Performance Comparison between RC-OFDM and PORC-OFDM in Visible Light Communications
GS-18-Reinforcement Learning	T	2	G		Chair		Yusuke Nojima (Osaka Metropolitan University)	
GS-18-Reinforcement Learning	T	2	G	1	Full paper	46	Takahiro Iwata (Chiba Institute of Technology); Seankein Yoshioka (Chiba Institute of Technology); Daisuke Miki (Chiba Institute of Technology)	Applying Burn-in Strategy to Deep Reinforcement Learning with Spiking Neural Networks
GS-18-Reinforcement Learning	T	2	G	2	Full paper	184	Yuya Kurodo (Chiba Institute of Technology); Yusuke Manabe (Chiba Institute of Technology)	Improving the learning efficiency of hierarchical reinforcement learning SUHRL using transition information between subgoals
GS-18-Reinforcement Learning	T	2	G	3	Full paper	250	Cheng Liu (Chiba University); Sachiyo Arai (Chiba University)	On-time and Energy-saving Optimization of Train Auto Driving Based on Reinforcement Learning