Date	Session Title	Paper ID	Paper Title	Authors
Thursday, Jan 22, 9:30-10:30am	Journal Track 1 (JT) Opal 107	JT1	Artificial Immune System of Secure Face Recognition Against Adversarial Attacks	Min Ren; Yunlong Wang; Yuhao Zhu; Yongzhen Huang; Zhenan Sun and Qi Li
		JT5	Super Level Sets and Exponential Decay: A Synergistic Approach to Stable Neural Network Training	Jatin Chaudhary; Dipak Nidhi; Jukka Heikkonen; Harri Merisaari and Rajeev Kumar Kanth
		JT11	Analysing Satellite Imagery Classification under Spatial Domain Shift across Geographic Regions	Sara Al-Emadi; Yin Yang and Ferda Ofli
		JT42	Theoretical guarantees for domain adaptation with hierarchical optimal transport	Mourad El Hamri; Younès Bennani and Issam Falih
		JT72	Scalable Synthesis of Formally Verified Neural Value Function for Hamilton-Jacobi Reachability Analysis	Yujie Yang; Hanjiang Hu; Tianhao Wei; Shengbo Eben Li; Changliu Liu
Thursday, Jan 22, 4:30-5:30pm	Journal Track 2 (JT) Opal 107	JT17	CODEI: Resource-Efficient Task-Driven Co-Design of Perception and Decision Making for Mobile Robots Applied to Autonomous Vehicles	Dejan Milojevic; Gioele Zardini; Miriam Elser; Andrea Censi and Emilio Frazzoli
		JT18	A Compliant Robotic Leg Based on Fibre Jamming	Lois Liow; James Brett; Josh Pinskier; Lauren Hanson; Louis Tidswell; Navinda Kottege and David Howard
		JT39	Sensor Model Identification via Simultaneous Model Selection and State Variable Determination	Christian Brommer; Alessandro Fornasier; Jan Steinbrener and Stephan Weiss
		JT53	TactGen: Tactile Sensory Data Generation via Zero-Shot Sim-to-Real Transfer	Shaohong Zhong; Alessandro Albini; Perla Maiolino and Ingmar Posner
		JT80	TTVAE: Transformer-based generative modeling for tabular data generation	Alex Wang; Binh Nguyen*
Friday, Jan 23, 9:30-10:30am	Journal Track 3 (JT) Opal 107	JT8	Feature Hallucination for Self-supervised Action Recognition	Lei Wang and Piotr Koniusz
		JT46	Towards automated self-supervised learning for truly unsupervised graph anomaly detection	Zhong Li; Yuhang Wang and Matthijs van Leeuwen
		JT60	A simple proof-theoretic characterization of stable models: Reduction to difference logic and experiments	Martin Gebser; Enrico Giunchiglia; Marco Maratea; Marco Mochi
		JT67	Generating Streamlining Constraints with Large Language Models	Florentina Voboril; Vaidyanathan Peruvemba Ramaswamy; Stefan Szeider
Friday, Jan 23, 11:00am-12:00pm	Journal Track 4 (JT) Opal 107	JT10	Causal Explanations for Sequential Decision Making	Samer Nashed; Saaduddin Mahmud; Claudia Goldman and Shlomo Zilberstein
		JT57	A Fortiori Case-Based Reasoning: From Theory to Data	Wijnand van Woerkom; Davide Grossi; Henry Prakken; Bart Verheij
		JT58	A Framework for Belief-based Programs and Their Verification	Daxin Liu; Gerhard Lakemeyer
		JT69	Interpreting capsule networks for image classification by routing path visualization	Amanjot Bhullar, Michael Czomko, R. Ayesha Ali, Douglas L. Welch
		JT71	On Generating Monolithic and Model Reconciling Explanations in Probabilistic Scenarios	Stylianos Loukas Vasileiou; William Yeoh; Alessandro Previti; Tran Cao Son
Friday, Jan 23, 3:00-4:00pm	Journal Track 5 (JT) Opal 107	JT15	Salvador Urban Network Transportation (SUNT): A Landmark Spatiotemporal Dataset for Public Transportation	Marcos Ferreira; Matheus Souza; Tatiane Rios; Islame Fernandes; Jorge Nery; João Gama; Albert Bifet and Ricardo Rios
		JT19	Multimodal Super-Resolution: Discovering Hidden Physics and Its Application to Fusion Plasmas	Azarakhsh Jalalvand; Sangkyeun Kim; Jaemin Seo; Qiming Hu; Max Curie; Peter Steiner; Andrew Oakleigh Nelson; Yong-Su Na and Egemen Kolemen

		JT23	Linguistic Steganography via Self-Adjusting Asymmetric Number System	Yiting Liu; Chungen Xu; Fei Yang; Pan Zhang and Linlong Wang
		JT62	Approximating problems in abstract argumentation with graph convolutional networks	Lars Malmqvist; Tangming Yuan; Peter Nightingale
		JT66	Enhanced Recommendation Systems with Retrieval-Augmented Large Language Model	Chuyuan Wei; Ke Duan; Shengda Zhuo*; Hongchun Wang; Shuqiang Huang*; Jie Liu
Friday, Jan 23, 4:30-5:30pm	Journal Track 6 (JT) Opal 107	JT14	Learngene: Inheritable "Genes" in Intelligent Agents	Fu Feng; Jing Wang; Xu Yang and Xin Geng
		JT22	End-Effector Cartesian Velocity Control for Redundant Loader Cranes Using Reinforcement learning	Abdolreza Taheri; Amy Rankka; Pelle Gustafsson; Joni Pajarinen and Reza Ghabcheloo
		JT61	An MRP Formulation for Supervised Learning: Generalized Temporal Difference Learning Models	Yangchen Pan, Junfeng Wen, Chenjun Xiao, Philip Torr
		JT64	Centralized training with hybrid execution in multi-agent reinforcement learning via predictive observation imputation	Pedro P. Santos; Diogo S. Carvalho; Miguel Vasco; Alberto Sardinha; Pedro A. Santos; Ana Paiva; Francisco S. Melo
		JT76	Symbolic Task Inference in Deep Reinforcement Learning	Hosein Hasanbeig; Natasha Yogananda Jeppu; Alessandro Abate; Tom Melham; Daniel Kroening
Saturday, Jan 24, 9:30-10:30am	Journal Track 7 (JT) Opal 107	JT26	HiMo: High-Speed Objects Motion Compensation in Point Clouds	Qingwen Zhang; Ajinkya Khoche; Yi Yang; Li Ling; Sina Sharif Mansouri; Olov Andersson and Patric Jensfelt
		JT35	Predictive Display for Teleoperation Based on Vector Fields Using Lidar-Camera Fusion	Gaurav Sharma; Jeff Calder and Rajesh Rajamani
		JT36	Radar Instance Transformer: Reliable Moving Instance Segmentation in Sparse Radar Point Clouds	Matthias Zeller; Vardeep Singh Sandhu; Benedikt Mersch; Jens Behley; Michael Heidingsfeld and Cyrill Stachniss
		JT41	HI-SLAM2: Geometry-Aware Gaussian SLAM for Fast Monocular Scene Reconstruction	Wei Zhang; Qing Cheng; David Skuddis; Niclas Zeller; Daniel Cremers and Norbert Haala
		JT44	LUDO: Low-latency understanding of deformable objects using point cloud occupancy functions	Pit Henrich; Franziska Mathis-Ullrich and Paul Maria Scheikl
Saturday, Jan 24, 11:00am-12:00pm	Journal Track 8 (JT) Opal 107	JT55	Investigating the Impact of Direct Punishment on the Emergence of Cooperation in Mulit-agent Reinforcement Learning Systems	Nayana Dasgupta and Mirco Musolesi
		JT65	Choosing abstraction levels for model-based software debugging: A theoretical and empirical analysis for spreadsheet programs	Patrick Rodler; Birgit Hofer; Dietmar Jannach; Iulia Nica; Franz Wotawa
		JT73	Semantic Alignment of Malicious Question Based on Contrastive Semantic Networks and Data Augmentation	Xinyan Wang; Jinshuo Liu*; Juan Deng; Meng Wang; Qian Deng; Youcheng Yan; Lina Wang; Yunsong Ma; Jeff Z. Pan
		JT74	Social Behavior as a Key to Learning-based Multi-Agent Pathfinding Dilemmas	Chengyang He; Tanishq Duhan; Parth Tulsyan; Patrick Kim; Guillaume Sartoretti
Saturday, Jan 24, 3:00-4:00pm	Journal Track 9 (JT) Opal 107	JT33	Multivariate functional linear discriminant analysis for partially-observed time series	Rahul Bordoloi; Clémence Réda; Orell Trautmann; Saptarshi Bej and Olaf Wolkenhauer
		JT47	Hypertension and total-order forward decomposition optimizations	Mauricio Cecílio Magnaguagno; Felipe Meneguzzi and Lavindra de Silva
		JT49	Recursive Causal Discovery	Ehsan Mokhtarian; Sepehr Elahi; Sina Akbari and Negar Kiyavash
		JT59	A Selective Under-Sampling (SUS) Method for Imbalanced Regression	Jovana Aleksic, Miguel García-Remesal

		JT68	Geometrically Inspired Kernel Machines for Collaborative Learning Beyond Gradient Descent	Mohit Kumar; Alexander Valentinitsch; Magdalena Fuchs; Mathias Brucker; Juliana Bowles; Adnan Husakovic; Ali Abbas; Bernhard A. Moser
Sunday, Jan 25, 9:30-10:30am	Journal Track 10 (JT) Opal 107	JT25	CineMPC: A fully autonomous drone cinematography system incorporating zoom, focus, pose, and scene composition	Pablo Pueyo; Juan Dendarieta; Eduardo Montijano; Ana Cristina Murillo and Mac Schwager
		JT37	Motion Planning Diffusion: Learning and Adapting Robot Motion Planning With Diffusion Models	Joao Carvalho; An T. Le; Piotr Kicki; Dorothea Koert and Jan Peters
		JT40	PRIMP: PRobabilistically-Informed Motion Primitives for Efficient Affordance Learning From Demonstration	Sipu Ruan; Weixiao Liu; Xiaoli Wang; Xin Meng and Gregory Chirikjian
		JT45	IEEE Transactions on Robotics (T-RO) Publication: "SICNav: Safe and Interactive Crowd Navigation Using Model Predictive Control and Bilevel Optimization"	Sepehr Samavi; James R Han; Florian Shkurti and Angela P Schoellig
		JT48	db-ECBS: Interaction-Aware Multi-Robot Kinodynamic Motion Planning	Akmaral Moldagalieva; Joaquim Ortiz-Haro and Wolfgang Hönig
Sunday, Jan 25, 11:00am-12:00pm	Journal Track 11 (JT) Opal 107	JT28	La VIDA: towards a motivated goal reasoning agent	Ursula Addison
		JT50	Information Elicitation Mechanisms for Bayesian Auctions	Jing Chen; Bo Li and Yingkai Li
		JT56	The Cost and Complexity of Minimizing Envy in House Allocations	Jayakrishnan Madathil; Neeldhara Misra and Aditi Sethia
		JT77	The Search for Stability: Learning Dynamics of Strategic Publishers with Initial Documents	Omer Madmon; Idan Pipano; Itamar Reinman; Moshe Tennenholtz
		JT78	Towards an Ontology-Driven Approach to Document Bias	Mayra Russo; Maria-Esther Vidal
Sunday, Jan 25, 3:00-4:00pm	Journal Track 12 (JT) Opal 107	JT27	Path-Constrained Haptic Motion Guidance via Adaptive Phase-Based Admittance Control	Erfan Shahriari; Petr Svarny; Seyed Ali Baradaran Birjandi; Matej Hoffmann and Sami Haddadin
		JT31	Generative Graphical Inverse Kinematics	Oliver Limoyo; Filip Marić; Matthew Giamou; Petra Alexson; Ivan Petrović and Jonathan Kelly
		JT43	NeuPAN: Direct Point Robot Navigation With End-to-End Model-Based Learning	Ruihua Han; Shuai Wang; Shuaijun Wang; Zeqing Zhang; Jianjun Chen; Shijie Lin; Chengyang Li; Chengzhong Xu; Yonina C. Eldar; Qi Hao and Jia Pan
		JT52	MAGIC-VFM - Meta-Learning Adaptation for Ground Interaction Control With Visual Foundation Models	Elena-Sorina Lupu; Fengze Xie; James Preiss; Jedidiah Alindogan; Matthew Anderson and Soon-Jo Chung
		JT79	Towards Generalist Robot Learning from Internet Video: A Survey	Robert McCarthy; Daniel C.H. Tan; Dominik Schmidt; Fernando Acero; Nathan Herr; Yilun Du; Thomas G. Thuruthel; Zhibin Li