

Date	Session Title	Paper ID	Paper Title	Authors
Thursday, Jan 22, 9:30-10:30am	Computer Vision 1 (CV) Garnet 212	22397	StreamingTalker: Audio-driven 3D Facial Animation with Autoregressive Diffusion Model	Yifan Yang; Zhi Cen; Sida Peng; Xiangwei Chen; Yifu Deng; Xinyu Zhu; Fan Jia; Xiaowei Zhou; Hujun Bao
		18021	ViType: High-Fidelity Visual Text Rendering via Glyph-Aware Multimodal Diffusion	Lishuai Gao; Jun-Yan He; Yingsen Zeng; Yujie Zhong; Xiaopeng Sun; Jie Hu; Zan Gao; Xiaoming Wei
		5718	Robust Fusion Controller: Degradation-Aware Image Fusion with Fine-Grained Language Instructions	Hao Zhang; Yanping Zha; Qingwei Zhuang; Zhenfeng Shao; Jiayi Ma
		13962	CATP: Contextually Adaptive Token Pruning for Efficient and Enhanced Multimodal In-Context Learning	Yanshu Li; Jianjiang Yang; Zhennan Shen; Ligong Han; Haoyan Xu; Ruixiang Tang
		11117	LENS: Learning to Segment Anything with Unified Reinforced Reasoning	Lianghui Zhu; Bin Ouyang; Yuxuan Zhang; Tianheng Cheng; Rui Hu; Haocheng Shen; Longjin Ran; Xiaoxin Chen; Li Yu; Wenyu Liu; Xinggang Wang
Thursday, Jan 22, 9:30-10:30am	CV: Image and Video Retrieval 1 (CV) Garnet 213	19893	See, Rank, and Filter: Important Word-Aware Clip Filtering via Scene Understanding for Moment Retrieval and Highlight Detection	YuEun Lee; Jung Uk Kim
		11797	Instance-Guided Scene Adaptation for Unsupervised Person Search	Linfeng Qi; Huibing Wang; Jinjia Peng; Xianping Fu; Jiqing Zhang
		23553	Imagine with Layout and Sketch: Enhancing Vision-Language Retrieval with Dual-Stream Multi-Modal Query Refinement	Guanghao Meng; Jinpeng Wang; Qian-Wei Wang; XuDong Ren; Dan Zhao
		16426	Localization-Anchored Instance Discrimination for Domain Adaptive Person Search	Linfeng Qi; Huibing Wang; Jinjia Peng; Jiqing Zhang
		553	Suit the Remedy to the Retriever: Interpretable Query Optimization with Retriever Preference Alignment for Vision-Language Retrieval	Guanghao Meng; Jinpeng Wang; Jieming Zhu; Letian Zhang; Yong Jiang; Dan Zhao; Qing Li
			Circuit-Think: A Multimodal Reasoning Framework for Automated Circuit-to-Netlist Translation with Trajectory-Guided Reinforcement Learning	
Thursday, Jan 22, 9:30-10:30am	Computer Vision 2 (CV) Garnet 214	4070		Yuqi Jiang; Yupeng Hu; Jinyuan Deng; Xiaotian Qiu; Yucheng Cui; Xuyang He; Ruidong Li; Qi Sun; Cheng Zhuo
		6997	Copyright Infringement Detection in Text-to-Image Diffusion Models via Differential Privacy	Xiafeng Man; Zhipeng Wei; Jingjing Chen
		20875	Neural Collapse-Informed Initialization with Perturbation Injection in Classification-based Metric Learning	Jinhee Park; Hee Bin Yoo; Minjun Kim; Byoung-Tak Zhang; Junseok Kwon
		21768	LongSplat: Online Generalizable 3D Gaussian Splatting from Long Sequence Images	Guichen Huang; Ruoyu Wang; Xiangjun Gao; Che Sun; Yuwei Wu; Shenghua Gao; Yunde Jia
		1225	S ² Teacher: Step-by-step Teacher for Sparsely Annotated Oriented Object Detection	Yu Lin; Jianghang Lin; Kai Ye; You Shen; Shengchuan Zhang; Liujuan Cao
			FairGC: Fostering Individual and Group Fairness for Deep Graph Clustering	Haodong Zhang; Xinyue Wang; Tao Ren; Yifan Wang; Siyu Yi; Fanchun Meng; Zeyu Ma; Qingqing Long; Wei Ju
			Towards Federated Clustering: A Client-wise Private Graph Aggregation Framework	Guanxiong He; Zheng Wang; Jie Wang; Liaoyuan Tang; Rong Wang; Feiping Nie
			Personalized Federated Graph-Level Clustering Network	Jingxin Liu; Wenxuan Tu; Renda Han; Junlong Wu; Haotian Wang; Guohui Liu; Xiangyan Tang; Yue Yang
Thursday, Jan 22, 9:30-10:30am	ML: Clustering 1 (ML) Garnet 215	5564		Wei Feng; Danting Liu; Qianqian Wang; Mengping Jiang; Bin Liu
		19875		Yapeng Wang; Quanzue Gao; Fangfang Li; Yu Yun; Ming Yang
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Thursday, Jan 22, 9:30-10:30am	ML: Multimodal Learning 1 (ML) Garnet 216	22023	Multi-view Learning via Trusted Pairwise Entity Energy	Yalan Qin; Guorui Feng; Xinpeng Zhang
		16976	DeLo: Dual Decomposed Low-Rank Experts Collaboration for Continual Missing Modality Learning	Xiwei Liu; Yulong Li; Feilong Tang; Imran Razzak
		3761	Video Echoed in Music: Semantic, Temporal, and Rhythmic Alignment for Video-to-Music Generation	Xinyi Tong; Yiran Zhu; Jishang Chen; Chunru Zhan; Tianle Wang; Sirui Zhang; Nian Liu; Tiezheng Ge; Duo XU; Xin Jin; Feng Yu; Song-Chun Zhu
		9781	Interest-driven Deep Multi-modal Clustering	Guoliang Zou; Tongji Chen; Sijia Li; Jin Qin; Yangdong Ye; Shizhe Hu
		3182	Uncertainty-Guided View-Strength-Aware Feature Utilization for Multi-View Classification	Li Lv; Qian Guo; Li Zhang; Liang Du; Bingbing Jiang; Lu Chen; Xinyan Liang
Thursday, Jan 22, 9:30-	ML: Graph-based	12752	Attribute-guided Dynamic Prompt Learning for Graph Neural Networks	Zhuomin Liang; Liang Bai; Xian Yang

10:30am	Machine Learning 1 (ML) Garnet 217	11285	MUG: Meta-path-aware Universal Heterogeneous Graph Pre-Training	Lianze Shan; Jitao Zhao; Dongxiao He; Yongqi Huang; Zhiyong Feng; Weixiong Zhang
		22937	Breaking the Dyadic Barrier: Rethinking Fairness in Link Prediction Beyond Demographic Parity	Joao Mattos; Debolina Halder Lina; Arlei Silva
		25107	Can Pseudo-Label Be More Reliable? A Simple yet Effective Topology-Aware Graph Self-Training Method	Gen Liu; Zhongying Zhao; Hui Zhou; Chao Li; Qingtian Zeng
		2243	ProGMLP: A Progressive Framework for GNN-to-MLP Knowledge Distillation with Efficient Trade-offs	Weigang Lu; Ziyu Guan; Wei Zhao; Yaming Yang; Yujie Sun; Zheng Liang; Yibing Zhan; Dapeng Tao
Thursday, Jan 22, 9:30-10:30am	Machine Learning 1 (ML) Garnet 218	14612	From Decision Trees to Boolean Logic: A Fast and Unified SHAP Algorithm	Alexander Nadel; Ron Wettenstein
		17534	DeepProofLog: Efficient Proving in Deep Stochastic Logic Programs	Ying Jiao; Rodrigo Castellano Ontiveros; Luc De Raedt; Marco Gori; Francesco Giannini; Michelangelo Diligenti; Giuseppe Marra
		25558	Object-Centric Latent Action Learning	Albina Klepach; Alexander Nikulin; Ilya Zisman; Denis Tarasov; Alexander Derevyagin; Andrei Polubarov; Nikita Lyubaykin; Igor Kiselev; Vladislav Kurenkov
		10525	Generating In-Distribution Counterfactual Explanation for Graph Neural Networks	Linmao Chen; Chaobo He; Junwei Cheng; Chunying Li; Quanlong Guan
Thursday, Jan 22, 9:30-10:30am	ML: Reinforcement Learning 1 (ML) Garnet 219	7672	Distribution-Based Feature Attribution for Explaining the Predictions of Any Classifier	Xinpeng Li; Kai Ming Ting
		14123	ArchetypeTrader: Reinforcement Learning for Selecting and Refining Learnable Strategic Archetypes in Quantitative Trading	Chuqiao Zong; Molei Qin; Haochong Xia; Bo An
		3966	Test-driven Reinforcement Learning in Continuous Control	Zhao Yu; Xiuping Wu; Liangjun Ke
		18354	Reward Model Evaluation via Automatically-Ranked Policy Alignment	Aoran Wang; Lei Ou; Yang Yu; Zongzhang Zhang
Thursday, Jan 22, 9:30-10:30am	Human-AI Interaction 1 (HAI) Opal 105-106	166	COVR: Collaborative Optimization of VLMs and RL Agent for Visual-Based Control	Canming Xia; Peixi Peng; Guang Tan; Zhan Su; Haoran Xu; Zhenxian Liu; Luntong Li
		12594	Offline Meta-Reinforcement Learning with Flow-Based Task Inference and Adaptive Correction of Feature Overgeneralization	Min Wang; Xin Li; Mingzhong Wang; Hasnaa Bennis
		18628	Multigranular Evaluation for Brain Visual Decoding	Weihao Xia; Cengiz Oztireli
		9472	Whole-Field Action Sensing via Wearable Single-Channel EMG Sensors and Resource-Efficient Motion Network	Xuanming Jiang; Dingyu Nie; Baoyi An; Yuzhe Zheng; Yichuan Mao; Jialie Shen; Xueming Qian; Zhiwen Jin; Wei Lan; Guoshuai Zhao
Thursday, Jan 22, 9:30-10:30am	Natural Language Processing 1 (NLP) Peridot 202	13784	EMOD: A Unified EEG Emotion Representation Framework Leveraging V-A Guided Contrastive Learning	Yuning Chen; Sha Zhao; Shijian Li; Gang Pan
		20932	MF-Speech: Achieving Fine-Grained and Compositional Control in Speech Generation via Factor Disentanglement	Xinyue Yu; Youqing Fang; Pingyu Wu; Guoyang Ye; Wenbo Zhou; Weiming Zhang; Song Xiao
		3721	Flora: Effortless Context Construction to Arbitrary Length and Scale	Tianxiang Chen; Zhentao Tan; Xiaofan Bo; Yue Wu; Tao Gong; Qi Chu; Jieping Ye
		24191	QuanTaxo: A Quantum Approach to Self-Supervised Taxonomy Expansion	Sahil Mishra; Avi Patni; Niladri Chatterjee; Tanmoy Chakraborty
Thursday, Jan 22, 9:30-10:30am	Natural Language Processing 2 (NLP) Peridot 203	30928	Interpretable Reward Model via Sparse Autoencoder	Shuyi Zhang; Wei Shi; Sihang Li; Jiayi Liao; Tao Liang; Hengxing Cai; Xiang Wang
		27843	Schema-Guided Scene-Graph Reasoning Based on Multi-Agent Large Language Model System	Yiye Chen; Harpreet S. Sawhney; Nicholas Gydé; Yanan Jian; Jack Saunders; Patricio Vela; Benjamin E Lundell
		8233	InfGUI-G1: Advancing GUI Grounding with Adaptive Exploration Policy Optimization	Yuhang Liu; Zeyu Liu; Shuanghe Zhu; Pengxiang Li; Congkai Xie; Jiasheng Wang; Xueyu Hu; Xiaotian Han; Jianbo Yuan; Xinyao Wang; Shengyu Zhang; Hongxia Yang; Fei Wu
		28220	From Single to Societal: Analyzing Persona-Induced Bias in Multi-Agent Interactions	Jiayi Li; Xiao Liu; Yansong Feng
Thursday, Jan 22, 9:30-10:30am	DMKM: Mining of Spatial,	9241	Unsupervised Semantic Discovery via Global and Local Semantic Alignment in Multimodal Clustering	Zhengzhong Zhu; Pei Zhou; Weihong Du; Shiquan Min; Jiangping Zhu
		27492	Bonsai: Interpretable Tree-Adaptive Grounded Reasoning	Kate Sanders; Benjamin Van Durme
		18473	AStar: Boosting Multimodal Reasoning with Automated Structured Thinking	Jinyang Wu; Mingkuan Feng; Guocheng Zhai; Shuai Zhang; Zheng Lian; Fangrui Lv; Pengpeng Shao; Ruihan Jin; Zhengqi Wen; Jianhua Tao
		20919	MTP: Exploring Multimodal Urban Traffic Profiling with Modality Augmentation and Spectrum Fusion	Haolong Xiang; Peisi Wang; Xiaolong Xu; Kun Yi; Xuyun Zhang; Quan Z. Sheng; Amin Beheshti; Wei Fan

Thursday, Jan 22, 9:30-10:30am	Temporal or Spatio-Temporal Data 1 (DMKM) Peridot 206	16542	DiM-TS: Bridge the Gap Between Selective State Space Models and Time Series for Generative Modeling	Zihao Yao; Jiankai Zuo; Yaying Zhang
		10552	Boosting Fine-Grained Urban Flow Inference via Lightweight Architecture and Focalized Optimization	Yuanshao Zhu; Xiangyu Zhao; Zijian Zhang; Xuetao Wei; James Jianqiao Yu
		12924	Multi-Agent Pointer Transformer: Seq-to-Seq Reinforcement Learning for Multi-Vehicle Dynamic Pickup-Delivery Problems	Zengyu Zou; Jingyuan Wang; Yixuan Huang; Junjie Wu
		24160	Treatment Stitching with Schrödinger Bridge for Enhancing Offline Reinforcement Learning in Adaptive Treatment Strategies	Dong-Hee Shin; Deok-Joong Lee; Young-Han Son; Tae-Eui Kam
		24622	Distributional Priors Guided Diffusion for Generating 3D Molecules in Low Data Regimes	Haokai Hong; Wanyu Lin; Ming Yang; Kay Chen Tan
		14556	TRACE: Transformation-Aware Graph Refinement for Reaction Condition Prediction	Yujie Chen; Tengfei Ma; Yuansheng Liu; Leyi Wei; Shu Wu; Dongsheng Cao; Yiping Liu; Xiangxiang Zeng
		24414	PDE-Driven Spatiotemporal Generative Modeling for Multilead ECG Synthesis	Yakir Yehuda; Kira Radinsky
		23845	Topology-Enhanced and Label Correlation-Aware Model for Protein-Protein Interaction Prediction	Bin Deng; Huifang Ma; Ruijia Zhang; Meihuizi Jia; Rui Bing
		8063	TIME: Temporal-Sensitive Multi-Dimensional Instruction Tuning and Robust Benchmarking for Video-LLMs	Yunxiao Wang; Meng Liu; Wenqi Liu; Xueming Song; Bin Wen; Fan Yang; Tingting Gao; Di Zhang; Guorui Zhou; Liqiang Nie
		22375	RFI: Rectified Flow Intervention for Mitigating Object Hallucination in Large Vision-Language Models	Junyu Cheng; Zhibiao Liang; Yidong Chen; Shuangyin Li
Thursday, Jan 22, 11:00am-12:00pm	Computer Vision 3 (CV) Garnet 212	3785	RS2-SAM2: Customized SAM2 for Referring Remote Sensing Image Segmentation	Fu Rong; Meng Lan; Qian Zhang; Lefei Zhang
		21501	VCapsBench: A Large-scale Fine-grained Benchmark for Video Caption Quality Evaluation	Shi-Xue Zhang; Hongfa Wang; DuoJun Huang; Xin Li; Xiaobin Zhu; Xu-Cheng Yin
		11264	Affordance-R1: Reinforcement Learning for Generalizable Affordance Reasoning in Multimodal Large Language Models	Hanqing Wang; Shaoyang Wang; Yiming Zhong; Zemin Yang; Jiamin Wang; Zhiqing Cui; Jiahao Yuan; Yifan Han; Mingyu Liu; Yuexin Ma
		7760	Delving into Dynamic Scene Cue-Consistency for Robust 3D Multi-Object Tracking	Haonan Zhang; Xinyao Wang; Boxi Wu; Tu Zheng; Wang Yunhua; Zheng Yang
		272	RiemannLine: Riemannian Manifold Representation of 3D Lines for Factor Graph Optimization	Yan Li; Ze Yang; Keisuke Tateno; Federico Tombari; Liang Zhao; Gim Hee Lee
		12144	Spatiotemporal-Untrammelled Mixture of Experts for Multi-Person Motion Prediction	Zheng Yin; Chengjian Li; Xiangbo Shu; Meiqi Cao; Rui Yan; Jinhui Tang
		5365	HTTrack: Learning to Perceive Targets via Historical Trajectories in Satellite Video Tracking	Jiahao Wang; Fang Liu; Licheng Jiao; Hao Wang; Shuo Li; Xinyi Wang; Lingling Li; Puhua Chen; Xu Liu
		7538	Breaking the Passive Learning Trap: An Active Perception Strategy for Human Motion Prediction	Juncheng Hu; Zijian Zhang; Zeyu Wang; Guoyu Wang; Yingji Li; Kedi Lyu
		6640	FoundationSLAM: Unleashing the Power of Depth Foundation Models for End-to-End Dense Visual SLAM	Yuchen Wu; Jiahe Li; Fabio Tosi; Matteo Poggi; Jin Zheng; Xiao Bai
		18316	SCo-Cloud: Satellite Constellation Collaboration for Cloud-Aware Onboard-Computed Imaging and Transmission	Jia Liu; Qian Li; Yongqi Li; Cheng Ji; Shangguang Wang
Thursday, Jan 22, 11:00am-12:00pm	Machine Learning 2 (ML) Garnet 215	18374	Promptus: Can Prompt Streaming Replace Video Streaming	Jiangkai Wu; Liming Liu; Yunpeng Tan; Junlin Hao; Liang Zhang; Xinggong Zhang
		29258	Unnoticed Yet Effective: A Hybrid Physical Camouflage Framework Against DNNs and Human Perception	Mingye Xie; Jiacheng Ruan; Xian Gao; Ting Liu; Yuzhuo Fu
		554	Heterogeneous Uncertainty-Guided Composed Image Retrieval with Fine-Grained Probabilistic Learning	Haomiao Tang; Jinpeng Wang; Minyi Zhao; Guanghao Meng; Ruisheng Luo; Long Chen; Shu-Tao Xia
		20122	Who Should I Trust? Explicit Confidence-Focused Multimodal Intent Recognition	Yi Liu; Qimeng Yang; Lanlan Lu
		13747	Modality-Balanced Collaborative Distillation for Multi-Modal Domain Generalization	Xiaohan Wang; Zhangtao Cheng; Ting Zhong; Leiting Chen; Fan Zhou
		9753	Online Cross-Modal Hashing with Expanding Label Space	Wentao Fan; Chao Zhang; Chunlin Chen; Huaxiong Li
		134	Robust Semi-paired Multimodal Learning for Cross-modal Retrieval	Yang Qin; Yuan Sun; Xi Peng; Dezhong Peng; Joey Tianyi Zhou; Xiaomin Song; Peng Hu
		19975	Recovering Coherent Affective Patterns: Addressing Modality Missing in Multimodal Sentiment Analysis	Huiting Huang; Tieliang Gong; Kai He; Wen Wen; Weizhan Zhang; Mengling Feng
		5834	Multi-Modal Style Transfer-based Prompt Tuning for Efficient Federated Domain Generalization	Yuliang Chen; Xi Lin; Jun Wu; Xiangrui Cai; Qiaolun Zhang; Xichun Fan; Jiapeng Xu; Xiu Su

11:00am-12:00pm	(ML) Garnet 216	24513	On Robustness of Linear Classifiers to Targeted Data Poisoning	Nakshatra Gupta; Sumanth Prabhu S; Supratik Chakraborty; Venkatesh R
		18936	Efficient Tensorized Multi-View Anchor Graph Clustering with Affinity Propagation for Remote Sensing Data	Yongshan Zhang; Kangyue Zheng; Shuaikang Yan; Xinxin Wang; Zhihua Cai
		5412	EvoFMVC: Trusted Federated Multi-View Clustering with Evolutionary Fusion	Li Zhang; Pinhan Fu; Li Lv; Qian Guo; Liang Du; Xinyan Liang
		6961	Wasserstein-Aligned Hyperbolic Multi-View Clustering	Rui Wang; Yuting Jiang; Xiaoqing Luo; Xiao-Jun Wu; Nicu Sebe; Ziheng Chen
Thursday, Jan 22, 11:00am-12:00pm	ML: Reinforcement Learning 2 (ML) Garnet 217	21816	Learning Diverse Bimanual Dexterous Manipulation Skills from Human Demonstrations	Bohan Zhou; Haoqi Yuan; Yuhui Fu; Zongqing Lu
		30146	M2I2: Learning Efficient Multi-Agent Communication via Masked State Modeling and Intention Inference	Chuxiong Sun; Peng He; Qirui Ji; Zehua Zang; Jiangmeng Li; Rui Wang; Wei Wang
		29249	Beyond Single-Speed Reasoning: Coordinating Fast and Slow Dynamics for Efficient World	Hongwei Wang; Yangru Huang; Guangyao Chen; Xu Wang; Yi Jin
		12087	Explore to Learn: Latent Exploration Through Disentangled Synergy Patterns for Reinforcement Learning in Overactuated Control	Yiming Wang; Kaiyan Zhao; Xu Li; Yan Li; Jiayu Chen; Steven Morad; Leong Hou U
Thursday, Jan 22, 11:00am-12:00pm	ML: Ethics, Bias, and Fairness 1 (ML) Garnet 218	25711	GINO-Q: Learning an Asymptotically Optimal Index Policy for Restless Multi-armed Bandits	Gongpu Chen; Soung Chang Liew; Deniz Gündüz
		26485	Generalizing Fair Clustering to Multiple Groups: Algorithms and Applications	Diptarka Chakraborty; Kushagra Chatterjee; Debarati Das; Tien-Long Nguyen
		8163	Revisiting (Un)Fairness in Recourse by Minimizing Worst-Case Social Burden	Ainhize Barrainkua; Giovanni De Toni; Jose A. Lozano; Novi Quadrianto
		11682	Simulated Rewards, Skewed Strategies: Tracing the Acquired Preference Bias in LLM-Based Dialogue Planners	Heyan Huang; Yizhe Yang; Huashan Sun; Jiawei Li; Yang Gao
Thursday, Jan 22, 11:00am-12:00pm	ML: Graph-based Machine Learning 2 (ML) Garnet 219	29715	Counterfactual Fairness with Imperfect Causal Graphs	Cong Su; Qiaoyu Tan; Carlotta Domeniconi; Lizhen Cui; Jun Wang; Guoxian Yu
		15169	Decomposing Direct and Indirect Biases in Linear Models Under Demographic Parity Constraint	Bertille Tierny; Arthur Charpentier; Francois Hu
		5352	Multi-Granular Graph Learning with Fine-Grained Behavioral Pattern Awareness for Session-Based Recommendation	Ming Li; Zihao Yan; Yuting Chen; Lixin Cui; Lu Bai; Feilong Cao; Ke Lv; Zhao Li
		9204	GCIB: Causal Intervention Guided Graph Information Bottleneck Framework	Hangyuan Du; Rong Wang; Lixin Cui; Gaoxia Jiang; Liang Bai; Wenjian Wang
Thursday, Jan 22, 11:00am-12:00pm	Human-AI Interaction 2 (HAI) Opal 105-106	5521	HyperNoRA: Hyperedge Prediction via Node-Level Relation-Aware Self-Supervised Hypergraph Learning	Ming Li; Zhanle Zhu; Xinyi Li; Lu Bai; Lixin Cui; Feilong Cao; Ke Lv
		9746	Dual Mamba for Node-Specific Representation Learning: Tackling Over-Smoothing with Selective State Space Modeling	Xin He; Yili Wang; Yiwei Dai; Xin Wang
		13235	SFGA: Similarity-Constrained Fusion Learning for Unsupervised Anomaly Detection in Multiplex Graphs	Huiliang Zhai; Xiangyi Teng; Jing Liu
		18784	Automated Human Strategic Behavior Modeling via Large Language Models	Xiaohan Xie; Haoran Yu; Biying Shou; Jianwei Huang
Thursday, Jan 22, 11:00am-12:00pm	Robotics 1 (ROB) Peridot 201	29562	TRIPLE: Theory-Driven Integration of Planned and Habitual Behaviors for LLM-based	Taehyung Noh; Seungwan Jin; Haein Yeo; Kyungsik Han
		10327	Inferring Heterogeneous Private Valuations from Offline Market Data via Entropic Risk-Sensitive Utility Maximization	Xingyu Qian; Haoran Yu
		359	On Coresets for End-to-end Learning from Crowds	Hang Yang; Zhiwu Li; Witold Pedrycz
		24912	BiO-HMC: Dynamic Human-Machine Collaboration for Consensus Decision-Making via Bilevel Optimization	Yinghui Pan; Shuaijie Zhao; Shenbao Yu; Zongyang Liu; Yifeng Zeng; Han Liu; Mingwei Lin
Thursday, Jan 22, 11:00am-12:00pm	Robotics 1 (ROB) Peridot 201	1862	Gentle Manipulation Policy Learning via Demonstrations from VLM Planned Atomic Skills	Jiayu Zhou; Qiwei Wu; Jian Li; Zhe Chen; Xiaogang Xiong; Renjing Xu
		1804	Towards Adaptive Humanoid Control via Multi-Behavior Distillation and Reinforced Fine-Tuning	Yingnan Zhao; Xinmiao Wang; Dewei Wang; Xinzhe Liu; Dan Lu; Qilong Han; Peng Liu; Chenjia Bai
		26209	FARM: Frame-Accelerated Augmentation and Residual Mixture-of-Experts for Physics-Based High-Dynamic Humanoid Control	Jing Tan; Shiting Chen; Yangfan Li; Weisheng Xu; Renjing Xu
		12086	Actor-Critic for Continuous Action Chunks: A Reinforcement Learning Framework for Long-Horizon Robotic Manipulation with Sparse Reward	Jiarui Yang; Bin Zhu; Jingjing Chen; Yu-Gang Jiang
		28286	Keep On Going: Learning Robust Humanoid Motion Skills via Selective Adversarial Training	Yang Zhang; Zhanxiang Cao; Buqing Nie; Haoyang Li; Zhong Jiangwei; Qiao Sun; Xiaoyi Hu; Xiaokang Yang; Yue Gao

Thursday, Jan 22, 11:00am-12:00pm	NLP: (Large) Language Models 1 (NLP) Peridot 202	545	RaCoT: Plug-and-Play Contrastive Example Generation Mechanism for Enhanced LLM Reasoning Reliability	Kaitong Cai; Jusheng Zhang; Yijia Fan; Jing Yang; Keze Wang
		23777	RoSE: A Role Correlation Structure-Enhanced Model for Multi-Event Argument Extraction	Geting Huang; Jilong Zhang; Kai Zhou; Zhang Yi; Xiuyuan Xu
		28871	HanjaBridge: Resolving Semantic Ambiguity in Korean LLMs via Hanja-Augmented Pre-Training	Seungho Choi; Sihyun Park; Minsang Kim; Chansol Park; Bongsu Kim
		9950	Don't Start Over: A Cost-Effective Framework for Migrating Personalized Prompts Between LLMs	Ziyi Zhao; Chongming Gao; Yang Zhang; Haoyan Liu; Weinan Gan; Huifeng Guo; Yong Liu; Fuli Feng
		17059	Seeing through the Conflict: Transparent Knowledge Conflict Handling in Retrieval-Augmented Generation	Hua Ye; Siyuan Chen; Ziqi Zhong; Canran Xiao; Haoliang Zhang; Yuhan Wu; Fei Shen
Thursday, Jan 22, 11:00am-12:00pm	Natural Language Processing 3 (NLP) Peridot 203	21519	DialogXpert: Driving Intelligent and Emotion-Aware Conversations Through Online Value-Based Reinforcement Learning with LLM Priors	Tazeek Bin Abdur Rakib; Ambuj Mehrish; Lay-Ki Soon; Wern Han Lim; Soujanya Poria
		18197	SpecDetect: Simple, Fast, and Training-Free Detection of LLM-Generated Text via Spectral Analysis	Haitong Luo; Weiyao Zhang; Suhang Wang; Wenji Zou; Chungang Lin; Xuying Meng; Yujun Zhang
		19948	Model Editing as a Double-Edged Sword: Steering Agent Behavior Toward Beneficence or Harm	Baixiang Huang; Zhen Tan; Haoran Wang; Zijie Liu; Dawei Li; Ali Payani; Huan Liu; Tianlong Chen; Kai Shu
		28570	PRAGWORLD: A Benchmark Evaluating LLMs' Local World Model Under Minimal Linguistic Alterations and Conversational Dynamics	Sachin Vashistha; Aryan Bibhuti; Atharva Naik; Martin Tutek; Somak Aditya
		6749	Backdooring Rationalization	Lingxiao Kong; Jiahui Jiang; Wenchao Xu; Lei Wu
Thursday, Jan 22, 11:00am-12:00pm	DMKM: Recommender Systems 1 (DMKM) Peridot 206	2615	GraphRAG-Induced Dual Knowledge Structure Graphs for Personalized Learning Path Recommendation	Xinghe Cheng; Zihan Zhang; Jiapu Wang; Liangda Fang; Chaobo He; Quanlong Guan; Shirui Pan; Weiqi Luo
		10609	Fidelity-Aware Recommendation Explanations via Stochastic Path Integration	Oren Barkan; Yahli Schein; Yehonatan Elisha; Veronika Bogina; Mikhail Baklanov; Noam Koenigstein
		14525	UNO! UNified Offline Training Paradigm for Learning Path Recommendation	Linzhi Peng; Wentao Zhu; Ke Cheng; Heng Chang; Junchen Ye; Bowen Du; Weifeng Lv
		22735	Knowledge-Enhanced Explainable Hypergraph Convolution Network for Medication Recommendation	Zihan Zhang; Hongzhi Liu; Xiaoshuang Guo; Tianqi Sun; Zhonghai Wu
		19194	DRSoRec: Dual-Rectification of Social Networks for Recommendation	Liangxun Yang; Tianzi Zang; Jiayi Sun; Juan Li; Yicong Li
Thursday, Jan 22, 11:00am-12:00pm	APP: Natural Sciences 1 (APP) Tourmaline 207-209	7279	MMPG: MoE-based Adaptive Multi-Perspective Graph Fusion for Protein Representation Learning	Yusong Wang; Jialun Shen; Zhihao Wu; Yicheng Xu; Shiyin Tan; Mingkun Xu; Changshuo Wang; Zixing Song; Prayag Tiwari
		9744	Informative Subgraph Extraction with Deep Reinforcement Learning for Drug-Drug Interaction Prediction	Jiancong Xie; Wentao Wei; Chi Zhang; Jiahua Rao; Yuedong Yang
		19120	MedLA: A Logic-Driven Multi-Agent Framework for Complex Medical Reasoning with Large Language Models	Siqi Ma; Jiajie Huang; Fan Zhang; Jinlin Wu; Yue Shen; Guohui Fan; Zhu Zhang; Zelin Zang
		3619	Learning Cell-Aware Hierarchical Multi-Modal Representations for Robust Molecular Modeling	Mengran Li; Zelin Zang; Wenbin Xing; Junzhou Chen; Ronghui Zhang; Jiebo Luo; Stan Z. Li
		9167	RareAgents: Autonomous Multi-disciplinary Team for Rare Disease Diagnosis and Treatment	Xuanzhong Chen; Ye Jin; Xiaohao Mao; Lun Wang; Shuyang Zhang; Ting Chen
Thursday, Jan 22, 3:00-4:00pm	Computer Vision 5 (CV) Garnet 212	6330	Noisy Correspondence Learning with Modality Gap Direction Correction	Wuyuqing Wang; Zeyuan Gu; Erkun Yang
		1206	CompTrack: Information Bottleneck-Guided Low-Rank Dynamic Token Compression for Point Cloud Tracking	Sifan Zhou; Yichao Cao; Jiahao Nie; Yuqian Fu; Ziyu Zhao; Xiaobo Lu; Shuo Wang
		21767	StyleDrive: Towards Driving-Style Aware Benchmarking of End-To-End Autonomous	Ruiyang Hao; Bowen Jing; Haibao Yu; Zaiqing Nie
		11511	SCAN: Self-Calibrated AutoregressionN for High-Quality Visual Generation	Zhanzhou Feng; Qingpei Guo; Jingdong Chen; Feng Gao; Ming Yang; Shiliang Zhang
		2424	Spike Stream Memory Transfer for Dynamic Scene Reconstruction	Yanchen Dong; Ruiqin Xiong; Rui Zhao; Xinfeng Zhang; Tiejun Huang
Thursday, Jan 22, 3:00-4:00pm	Computer Vision 6 (CV) Garnet 213	10965	DTTNet: Improving Video Shadow Detection via Dark-Aware Guidance and Tokenized Temporal Modeling	Zhicheng Li; Kunyang Sun; Rui Yao; Hancheng Zhu; Fuyuan Hu; Jiaqi Zhao; Zhiwen Shao; Yong Zhou
		9226	Otter: Mitigating Background Distractions of Wide-Angle Few-Shot Action Recognition with Enhanced RWKV	Wenbo Huang; Jinghui Zhang; Zhenghao Chen; Guang Li; Lei Zhang; Yang Cao; Fang Dong; Takahiro Ogawa; Miki Haseyama

Thursday, Jan 22, 3:00-4:00pm	Computer Vision 7 (CV) Garnet 214	1819	Anatomical Region-Guided Contrastive Decoding: A Plug-and-Play Strategy for Mitigating Hallucinations in Medical VLMs	Xiao Liang; Chenxi Liu; Zhi Ma; Di Wang; Bin Jing; Quan Wang; Yuanyuan Shi
		17474	VisAssist: A Visually Impaired-Captured Video Question Answering Benchmark for Assistive Systems	Qi Gao; Heng Li; Yixin Zhou; Meixuan Zhou; Jieqiong Chen; Xinyu Chai
		17824	RacketVision: A Multiple Racket Sports Benchmark for Unified Ball and Racket Analysis	Linfeng Dong; Yuchen Yang; Hao Wu; Wei Wang; Yuenan Hou; Zhihang Zhong; Xiao Sun
		2432	SpatioTemporal Difference Network for Video Depth Super-Resolution	Zhengxue Wang; Yuan Wu; Xiang Li; Zhiqiang Yan; Jian Yang
		3577	Axis-Aligned Document Dewarping	Chaoyun Wang; I-Chao Shen; Takeo Igarashi; Caigui Jiang
Thursday, Jan 22, 3:00-4:00pm	ML: Optimization 1 (ML) Garnet 215	20175	TRT: Harnessing Tensor Ring Transformer for Hyperspectral Image Super-Resolution	honghui xu; Junwei Zhu; Yubin Gu; Yueqian Quan; Chuangjie Fang; Hong Qiu; Jianwei Zheng
		10805	Any2RSI: Controllable Remote Sensing Text-to-Image Generation via Any Control and Enriched Description	Xu Zhang; Jianzhong Huang; Lefei Zhang
		16751	Perceptual Quality Assessment of 3D Gaussian Splatting: A Subjective Dataset and Prediction Metric	Zhaolin Wan; Yining Diao; Jingqi Xu; Hao Wang; Zhiyang Li; Xiaopeng Fan; Wangmeng Zuo; Debin Zhao
		8227	Bant: Byzantine Antidote via Trial Function and Trust Scores	Gleb Molodtsov; Daniil Medyakov; Sergey Skorik; Nikolas Khachaturov; Shahane Tigranyan; Vladimir Aletov; Aram Avetisyan; Martin Takáč; Aleksandr Beznosikov
		13043	Beyond the Mean: Fisher-Orthogonal Projection for Natural Gradient Descent in Large Batch	Yishun Lu; Wesley Armour
Thursday, Jan 22, 3:00-4:00pm	ML: Graph-based Machine Learning 3 (ML) Garnet 216	24274	A Novel Sliced Fused Gromov-Wasserstein Distance	Moritz Piening; Robert Beinert
		15950	S-D-RSM: Stochastic Distributed Regularized Splitting Method for Large-Scale Convex Optimization Problems	Maoran Wang; Xingju Cai; Yongxin Chen
		24634	Positive Definite Sparse Covariance Estimation via Dual Space Optimization	Fengpei Li; Wenfu Xia; Ziping Zhao
		29854	Self-Interpretable Subgraph Neural Network with Deep Reinforcement Walk Exploration	Jianming Huang; Hiroyuki Kasai
		28953	Richer Representations for Neural Algorithmic Reasoning via Auxiliary Reconstruction	Jiafu Huang; Chao Peng; Chenyang Xu; Zhengfeng Yang; Kecheng Cai; Chenhao Zhang; Yi Wang; Yiwei Gong; Wanqin Zhou; Irene Zheng
Thursday, Jan 22, 3:00-4:00pm	ML: Time-Series/Data Streams 1 (ML) Garnet 217	23167	Are Graph Transformers Necessary? Efficient Long-Range Message Passing with Fractal Nodes in MPNNs	Jeongwhan Choi; Seungjun Park; Sumin Park; Sung-Bae Cho; Noseong Park
		5357	Closer to Biological Mechanism: Drug-Drug Interaction Prediction from the Perspective of Pharmacophore	Mingliang Dou; Linfeng Wen; Jinyang Xie; Jijun Tang; Shiqiang Ma; Fei Guo
		16745	DA-DFGAS: Differentiable Federated Graph Neural Architecture Search with Distribution-Aware Attentive Aggregation	Zhaowei Liu; Yihao Jiang; Rufe Gao; Jinglei Liu; Dong Yang
		1844	ReCast: Reliability-aware Codebook-assisted Lightweight Time Series Forecasting	Xiang Ma; Taihua Chen; Pengcheng Wang; Xuemei Li; Caiming Zhang
		17734	M2FMoE: Multi-Resolution Multi-View Frequency Mixture-of-Experts for Extreme-Adaptive Time Series Forecasting	Yaohui Huang; Runmin Zou; Yun Wang; Laeeq Aslam; Ruipeng Dong
Thursday, Jan 22, 3:00-4:00pm	ML: Clustering 2 (ML) Garnet 218	22440	Rethinking Irregular Time Series Forecasting: A Simple Yet Effective Baseline	Xvyuan Liu; Xiangfei Qiu; Xingjian Wu; Zhengyu Li; Chenjuan Guo; Jilin Hu; Bin Yang
		8637	Optimal Look-back Horizon for Time Series Forecasting in Federated Learning	Dahao Tang; Nan Yang; Yanli Li; Zhiyu Zhu; Zhibo Jin; Dong Yuan
		30174	Beyond Immediate Activation: Temporally Decoupled Backdoor Attacks on Time Series Forecasting	Zhixin Liu; Xuanlin Liu; Sihan Xu; Yaqiong Qiao; Ying Zhang; Xiangrui Cai
		28115	A More Efficient Reduction from Outlier-Aware to Outlier-Free k-Median	Zhen Zhang; Han Peng; Limei Liu; Junyu Huang; Xiaolong Li; Qilong Feng
		26051	Discriminative Graph Embedding Framework via Label-Free Marginal Fisher Analysis	Qianqian Wang; Mengping Jiang; Wei Feng; Haixi Zhang; Bin Liu
Thursday, Jan 22, 3:00-4:00pm	ML: Reinforcement Learning 3	24916	MLLM Enriched Explainable Multiple Clustering	Shan Zhang; Liangrui Ren; Qiaoyu Tan; Carlotta Domeniconi; Wei Du; Jun Wang; Guoxian Yu
		3669	Parameter-Free Clustering via Self-Supervised Consensus Maximization	Lijun Zhang; Suyuan Liu; Siwei Wang; Shengju Yu; Xueling Zhu; Miaomiao Li; Xinwang Liu
		9197	CCAHCL: Multi-Level Hypergraph Contrastive Learning for Connected Component Awareness	Zhuo Li; Gengyu Lyu; Yuena Lin; Ziang Chen; Zhiyuan Ma; Zhen Yang; Zun Li
		21517	Prototype Entropy Alignment: Reinforcing Structured Uncertainty in LLM Reasoning	Zhengyuan Pan; Yanhao Chen; Zhongquan Jian; Wanru Zhao; Haonan Ma; Meihong Wang; Qingqiang Wu

	(ML) Garnet 219	22359	Variance Reduction via Resampling and Experience Replay	Jiale Han; Xiaowu Dai; Yuhua Zhu
		17786	Multi-agent In-context Coordination via Decentralized Memory Retrieval	Tao Jiang; Zichuan Lin; Lihe Li; Yi-Chen Li; Cong Guan; Lei Yuan; Zongzhang Zhang; Yang Yu; Deheng Ye
		9002	Out-of-Distribution Generalization with a SPARC: Racing 100 Unseen Vehicles with a Single Policy	Bram Grooten; Patrick MacAlpine; Kaushik Subramanian; Peter Stone; Peter R. Wurman
		7864	PQDA: Policy-Aligned Q-Consistency Meets Decoupled Augmentation for Generalizable Visual RL	Yun Zhou; Yuqiang Wu; Chunyu Tan
Thursday, Jan 22, 3:00-4:00pm	Game Theory and Economic Paradigms 1 (GTEP) Opal 105-106	642	Faster Game Solving via Asymmetry of Step Sizes	Linjian Meng; Tianpei Yang; Youzhi Zhang; Zhenxing Ge; Yang Gao
		24347	Deviation Dynamics in Cardinal Hedonic Games	Valentin Zech; Martin Bullinger
		28001	No-Regret Strategy Solving in Imperfect-Information Games via Pre-Trained Embedding	Yanchang Fu; Shengda Liu; Pei Xu; Kaiqi Huang
		6027	Deep (Predictive) Discounted Counterfactual Regret Minimization	Hang Xu; Kai Li; Haobo Fu; Qiang Fu; Junliang Xing; Jian Cheng
		7380	Promises Made, Promises Kept: Safe Pareto Improvements via Ex Post Verifiable	Nathaniel Sauerberg; Caspar Oosterheld
Thursday, Jan 22, 3:00-4:00pm	ROB: Embodied AI 1 (ROB) Peridot 201	19729	NaVLA ² : A Vision-Language-Audio-Action Model for Multimodal Instruction Navigation	Jugang Fan; Peihao Chen; Changhao Li; Qing Du; Jian Chen; Mingkui Tan
		17451	PIPHEN: Physical Interaction Prediction with Hamiltonian Energy Networks	Kewei Chen; Yayu Long; Mingsheng Shang
		1207	H-GAR: A Hierarchical Interaction Framework via Goal-Driven Observation-Action Refinement for Robotic Manipulation	Yijie Zhu; Rui Shao; Ziyang Liu; Jie He; Jizhihui Liu; Jiuru Wang; Zitong Yu
		14456	ODYSSEY: Open-World Quadrupeds Exploration and Manipulation for Long-Horizon Tasks	Kaijun Wang; Liqin Lu; Mingyu Liu; Jianuo Jiang; Zeju Li; Bolin Zhang; Wancai Zheng; Xinyi Yu; Hao Chen; Chunhua Shen
		5279	History-Enhanced Two-Stage Transformer for Aerial Vision-and-Language Navigation	Xichen Ding; Jianzhe Gao; Cong Pan; Wenguan Wang; Jie Qin
Thursday, Jan 22, 3:00-4:00pm	Natural Language Processing 4 (NLP) Peridot 202	17996	Assessing the Capabilities of LLMs in Humor: A Multi-dimensional Analysis of Oogiri Generation and Evaluation	Ritsu Sakabe; Hwicheon Kim; Toshio Hirasawa; Mamoru Komachi
		24337	SPARE: Single-Pass Annotation with Reference-Guided Evaluation for Automatic Process Supervision and Reward Modelling	Md Imbesat Hassan Rizvi; Xiaodan Zhu; Iryna Gurevych
		25865	Reinforce Trustworthiness in Multimodal Emotional Support System	Huy M. Le; Dat Tien Nguyen; Ngan T. T. Vo; Tuan D. Q. Nguyen; Nguyen Le Binh; Duy Minh Ho Nguyen; Daniel Sonntag; Lizi Liao; Binh T. Nguyen
		13475	Expert-Inspired Multi-Agent Coordination for Multi-Objective Molecular Optimization	Daojian Zeng; Tianle Li; Jiahao Yang; Jiakai Yi; Xieping Gao; Lincheng Jiang; Tengfei Ma; Xiangxiang Zeng
		22165	ZipLJP: Zipped Information Processor for Legal Judgment Prediction	Fanghao Lou; Qiqi Wang; Guanyu Chen; Kaiqi Zhao; Huijia Li
Thursday, Jan 22, 3:00-4:00pm	NLP: Interpretability, Analysis, and Evaluation of NLP Models 1 (NLP) Peridot 203	18188	When Smiley Turns Hostile: Interpreting How Emojis Trigger LLMs' Toxicity	Shiyao Cui; Xijia Feng; Yingkan Wang; Junxiao Yang; Zhexin Zhang; Bipul Sikdar; Hongning Wang; Han Qi; Minlie Huang
		5861	MultiMedBench: A Scenario-Aware Benchmark for Evaluating Knowledge Editing in Medical VQA	Shengtao Wen; Haodong Chen; Yadong Wang; Zhongying Pan; Xiang Chen; Yu Tian; Bo Qian; Dong Liang; Sheng-Jun Huang
		14388	EduGuardBench: A Holistic Benchmark for Evaluating the Pedagogical Fidelity and Adversarial Safety of LLMs as Simulated Teachers	Yilin Jiang; Mingzi Zhang; Xuanyu Yin; Sheng Jin; Suyu Lu; Zuocan Ying; Zengyi Yu; Xiangjie Kong
		24033	CharBench: Evaluating the Role of Tokenization in Character-Level Tasks	Omri Uzan; Yuval Pinter
		22292	Guess or Recall? Training CNNs to Classify and Localize Memorization in LLMs	J������ Dentan; Davide Buscaldi; Sonia Vanier
Thursday, Jan 22, 3:00-4:00pm	PEAI: Safety, Robustness & Trustworthiness 1 (PEAI) Peridot 204	10461	MCPTox: A Benchmark for Tool Poisoning on Real-World MCP Servers	Zhiqiang Wang; Yichao Gao; Yanting Wang; Suyuan Liu; Haifeng Sun; Haoran Cheng; Guanquan Shi; Haohua Du; Xiangyang Li
		25569	Stability-Aware Reinforcement Learning for Robust Class Integration Test Order Generation	Yanru Ding; Yanmei Zhang; Guan Yuan; Shujuan Jiang; Wei Dai; Luciano Baresi
		19421	MPMA: Preference Manipulation Attack Against Model Context Protocol	Zihan Wang; Rui Zhang; Yu Liu; Wenshu Fan; Wenbo Jiang; Qingchuan Zhao; Hongwei Li; Guowen Xu
		24687	On the Probabilistic Learnability of Compact Neural Network Preimage Bounds	Luca Marzari; Manuele Bicego; Ferdinando Cicalese; Alessandro Farinelli
		17279	Efficient Verification and Falsification of ReLU Neural Barrier Certificates	Dejin Ren; Yiling Xue; Taoran Wu; Bai Xue

Thursday, Jan 22, 3:00-4:00pm	Data Mining and Knowledge Management 1 (DMKM) Peridot 206	6015	Inference Scaling Law for Retrieval Augmented Generation	Shu Zhou; Yuxuan Ao; Yunyang Xuan; Xin Wang; Tao Fan; Hao Wang
		6998	From Dialogue to Destination: Geography-Aware Large Language Models with Multimodal Fusion for Conversational Recommendation	Yeming Li; Chenxi Liu; Jie Zou; Cheng Long; Chaoning Zhang; Peng Wang; Yang Yang
		9180	Think Then Rewrite: Reasoning Enhanced Query Rewriting for Domain Specific Retrieval	Ang Li; Yufei Shi; Yuxuan Si; Yiquan Wu; Ming Cai; Xu Tan; Yi Wang; Changlong Sun; Xiaozhong Liu; Kun Kuang
		10793	Personalize Before Retrieve: LLM-based Personalized Query Expansion for User-Centric Retrieval	Yingyi Zhang; Pengyue Jia; Derong Xu; Yi Wen; Xianneng Li; Yichao Wang; Wenlin Zhang; Xiaopeng Li; Weinan Gan; Huifeng Guo; Yong Liu; Xiangyu Zhao
		4694	Drift-aware Collaborative Assistance Mixture of Experts for Heterogeneous Multistream Learning	En Yu; Jie Lu; Kun Wang; Xiaoyu Yang; Guangquan Zhang
Thursday, Jan 22, 3:00-4:00pm	APP: Natural Sciences 2 (APP) Tourmaline 207-209	16380	Synergizing Multigrid Algorithms with Vision Transformer: A Novel Approach to Enhance the Seismic Foundation Model	Huiwen Wu; Shuo Zhang; Yi Liu; Hongbin Ye
		15118	SVD-NO: Learning PDE Solution Operators with SVD Integral Kernels	Noam Koren; Ralf J. J. Mackenbach; Ruud J. G. van Sloun; Kira Radinsky; Daniel Freedman
		27698	Scalable Vision-Guided Crop Yield Estimation	Harrison H Li; Medhanie Irgau; Nabil Janmohamed; Karen Solveig Rieckmann; David B. Lobell
		20876	Revisiting the Canonicalization for Fast and Accurate Crystal Tensor Property Prediction	Haowei Hua; Jingwen Yang; Wanyu Lin; Pan Zhou
		10023	SynWeather: Weather Observation Data Synthesis Across Multiple Regions and Variables via a General Diffusion Transformer	Kaiyi Xu; Junchao Gong; Zhiwang Zhou; Zhangrui Li; Yuandong Pu; Yihao Liu; Ben Fei; Fenghua Ling; Wenlong Zhang; Lei Bai
Thursday, Jan 22, 4:30-5:30pm	Computer Vision 8 (CV) Garnet 212	13131	Instruction-Guided Cross-Modal Clustering for Training-Free Visual Token Pruning in Vision-Language Models	Yunqian Yu; Biao Chen; Yunya Zhang; Tonglan Xie; Mengmeng Jing; Lin Zuo
		18026	LongT2IBench: A Benchmark for Evaluating Long Text-to-Image Generation with Graph-structured Annotations	Zhichao Yang; Tianjiao Gu; Jianjie Wang; Feiyu Lin; Xiangfei Sheng; Pengfei Chen; Leida Li
		16390	RFNNS: Robust Fixed Neural Network Steganography with Universal Text-to-Image Models	Yu Cheng; Juan Zhou; Jiawei Chen; Zhaoxia Yin; Xinpeng Zhang
		25297	Cheating Stereo Matching in Full-Scale: Physical Adversarial Attack Against Binocular Depth Estimation in Autonomous Driving	Kangqiao Zhao; Shuo Huai; Xurui Song; Jun Luo
		14171	False Positives Matter: Multidimensional Localization Evaluation and Training-Free Explainable Adversarial Patch Defense	Lihua Jing; Rui Wang; Jinwen Zhong; Runbo Li; Zixuan Zhu
Thursday, Jan 22, 4:30-5:30pm	Computer Vision 9 (CV) Garnet 213	5961	vMFCoOp: Towards Equilibrium on a Unified Hyperspherical Manifold for Prompting Biomedical VLMs	Minye Shao; Sihan Guo; Xinrun Li; Xingyu Miao; Haoran Duan; Yang Long
		1070	OscuFit: Learning to Fit Osculating Implicit Quadrics for Point Clouds	Rao Fu; Qian Li; Liang Yu; Jianmin Zheng
		20262	Phys-Liquid: A Physics-Informed Dataset for Estimating 3D Geometry and Volume of Transparent Deformable Liquids	Ke Ma; Yizhou Fang; Jean-Baptiste Weibel; Shuai Tan; Xinggang Wang; Yang Xiao; Yi Fang; Tian Xia
		13452	EarthCrafter: Scalable 3D Earth Generation via Dual-Sparse Latent Diffusion	Shang Liu; Chenjie Cao; Chaohui Yu; Wen Qian; Jing Wang; Fan Wang
		10151	WorldGrow: Generating Infinite 3D World	Sikuang Li; Chen Yang; Jiemin Fang; Taoran Yi; Jia Lu; Jiazhong Cen; Lingxi Xie; Wei Shen; Qi Tian
Thursday, Jan 22, 4:30-5:30pm	Computer Vision 10 (CV) Garnet 214	7012	Start Small, Think Big: Curriculum-based Relative Policy Optimization for Visual Grounding	Qingyang Yan; Guangyao Chen; Yixiong Zou
		23319	IAD-R1: Reinforcing Consistent Reasoning in Industrial Anomaly Detection	Yanhui Li; Yunkang Cao; Chengliang Liu; Yuan Xiong; Xinghui Dong; Chao Huang
		8729	Hyperbolic Hierarchical Alignment Reasoning Network for Text-3D Retrieval	Wenrui Li; Yidan Lu; Yeyu Chai; Rui Zhao; Hengyu Man; Xiaopeng Fan
		14258	L2V-CoT: Cross-Modal Transfer of Chain-of-Thought Reasoning via Latent Intervention	Yu-Liang Zhan; Xinyu Tang; Han Wan; Jian Li; Jirong Wen; Hao Sun
		5802	PulseMind: A Multi-Modal Medical Model for Real-World Clinical Diagnosis	Jiao Xu; Junwei Liu; Jiangwei Lao; Qi Zhu; Yunpeng Zhao; Congyun Jin; Shinan Liu; Zhihong Lu; Lihe Zhang; Xin Chen; Jian Wang; Ping Wang
Thursday, Jan 22, 4:30-5:30pm	Machine Learning 3 (ML) Garnet 215	14826	Prune&Comp: Free Lunch for Layer-Pruned LLMs via Iterative Pruning with Magnitude Compensation	Xinrui Chen; Hongxing Zhang; Fanyi Zeng; Yongxian Wei; Yizhi Wang; Xitong Ling; Guanghao Li; Chun Yuan
		7729	RCMoE: A Communication-Efficient Random Compression Framework for Resource-Constrained Mixture-of-Experts Training	Donglei Wu; Xiao Cai; Jinglei Tan; Jinda Jia; Guangming Tan; Dingwen Tao; Wen Xia; Zhihong Tian

Thursday, Jan 22, 4:30-5:30pm	ML: Reinforcement Learning 4 (ML) Garnet 216	23452	The Avengers: A Routing Recipe for Collective Intelligence in Language Models	Yiqun Zhang; Hao Li; Chenxu Wang; Linyao Chen; Qiaosheng Zhang; Peng Ye; Shi Feng; Xinrun Wang; Jia Xu; Lei Bai; Shuyue Hu Wentao Hu; Mingkuan Zhao; Shuangyong Song; Xiaoyan Zhu; Xin Lai; Jiayin Wang
		21715	Mosaic Pruning: A Hierarchical Framework for Generalizable Pruning of Mixture-of-Experts Models	
		12265	HitKV: Activation Frequency Knows Which Tokens Are Important	Sanle Zhao; Yajuan Tan; Yu Jing; Zhuoxin Bai; Yue Niu; Jiayi Guo; Zongjie Wang; Ao Ren
		6981	Exploiting Geometric Structures for Modeling Multi-Agent Behaviors: A New Thinking	Bohao Qu; Xiaofeng Cao; Bing Li; Menglin Zhang; Tuan-Anh Vu; Di Lin; Qing Guo
		10782	Behaviour Policy Optimization: Provably Lower Variance Return Estimates for Off-Policy Reinforcement Learning	Alex W. Goodall; Edwin Hamel-De Le Court; Francesco Belardinelli
		28117	Stabilizing Policy Gradient Methods via Reward Profiling	Shihab Ahmed; El Houcine Bergou; Yue Wang; Aritra Dutta
		12470	Gradient-Protected Value Decomposition for Cooperative Multi-Agent Reinforcement Learning	Jie Hou; Haowen Dou; Lujuan Dang; Liangjun Chen; Chenyang Ge
Thursday, Jan 22, 4:30-5:30pm	Machine Learning 4 (ML) Garnet 217	25639	Extendable Planning via Multiscale Diffusion	Chang Chen; Hany Hamed; Doojin Baek; Taegu Kang; Samyeul Noh; Yoshua Bengio; Sungjin Ahn
		11295	Adaptive Graph Attention Based Discrete Hashing for Incomplete Cross-modal Retrieval	Shuang Zhang; Yue Wu; Lei Shi; Huilong Jin; Feifei Kou; Pengfei Zhang; Mingying Xu; Pengtao Lv
		6911	T3former: Temporal Graph Classification with Topological Machine Learning	Md Joshem Uddin; Soham Changani; Baris Coskunuzer
		20071	TW-CRL: Time-Weighted Contrastive Reward Learning for Efficient Inverse Reinforcement Learning	Yuxuan Li; Yicheng Gao; Ning Yang; Stephen Xia
		9686	Permutation Equivariant Framelet-based Hypergraph Neural Networks	Ming Li; Yi Wang; Chengling Gao; Lu Bai; Yujie Fang; Xiaosheng Zhuang; Pietro Lio
		22219	Posterior Label Smoothing for Node Classification	Jaeseung Heo; MoonJeong Park; Dongwoo Kim
		26232	Escaping Optimization Stagnation: Taking Steps Beyond Task Arithmetic via Difference Vectors	Jinping Wang; Zhiqiang Gao; Zhang Dinggen; Zhiwu Xie
Thursday, Jan 22, 4:30-5:30pm	Machine Learning 5 (ML) Garnet 218	17912	FedGRPO: Privately Optimizing Foundation Models with Group-Relative Rewards from Domain Clients	Gongxi Zhu; Hanlin Gu; Lixin Fan; Qiang Yang; Yuxing Han
		6032	On Logical Extrapolation for Mazes with Recurrent and Implicit Networks	Brandon Knutson; Amandin Chyba Rabeendran; Michael Ivanitskiy; Jordan Pettyjohn; Cecilia Diniz Behn; Samy Wu Fung; Daniel McKenzie
		6545	Causality-inspired Federated Learning for Dynamic Spatio-Temporal Graphs	Yuxuan Liu; Wenchao Xu; Haozhao Wang; Zhiming He; Zhaofeng Shi; Chongyang Xu; Peichao Wang; Boyuan Zhang
		10921	Ripple Shapley: Data Influence Attribution in One Federated Training Run	Dewen Zeng; Wenlong Tian; Haozhao Wang; Jianfeng Lu; Weijun Xiao; Zhiyong Xu
		20152	HeadHunt-VAD: Hunting Robust Anomaly-Sensitive Heads in MLLM for Tuning-Free Video Anomaly Detection	Zhaolin Cai; Fan Li; Ziwei Zheng; Haixia Bi; Lijun He
		13746	Behavior Tokens Speak Louder: Disentangled Explainable Recommendation with Behavior Vocabulary	Xinshun Feng; Mingzhe Liu; Yi Qiao; Tongyu Zhu; Leilei Sun; Shuai Wang
		9833	Not All Inconsistency Is Equal: Decomposing LVLM Uncertainty into Belief Divergence and Belief Conflict	Jie Shi; Xiaodong Yue; Wei Liu; Yufei Chen; Feifan Dong
Thursday, Jan 22, 4:30-5:30pm	GTEP: Social Choice / Voting 1 (GTEP) Opal 105-106	1556	LoRA in LoRA: Towards Parameter-Efficient Architecture Expansion for Continual Visual Instruction Tuning	Chang Che; Ziqi Wang; Pengwan Yang; Cheems Wang; Hui Ma; Zenglin Shi
		20641	TowerMind: A Tower Defence Game Learning Environment and Benchmark for LLM as Agents	Dawei Wang; Chengming Zhou; Di Zhao; Xinyuan Liu; Marci Chi Ma; Gary Ushaw; Richard Davison
		15457	Explaining Tournament Solutions with Minimal Supports	Clément Contet; Umberto Grandi; Jérôme Mengin
		6802	The River Voting Method	Michelle Döring; Markus Brill; Jobst Heitzig
		8427	Picking a Representative Set of Solutions in Multiobjective Optimization: Axioms, Algorithms, and Experiments	Niclas Boehmer; Maximilian T. Wittmann
		30220	How Hard Is It to Rig a Tournament When Few Players Can Beat or Be Beaten by the Favorite?	Zhonghao Wang; Junqiang Peng; Yuxi Liu; Mingyu Xiao
		6788	Cost-Free Neutrality for the River Method	Michelle Döring; Jannes Malanowski; Stefan Neubert
Thursday, Jan 22, 4:30-5:30pm	ROB: Manipulation 1 (ROB) Peridot 201	30256	DexGraspVLA: A Vision-Language-Action Framework Towards General Dexterous Grasping	Yifan Zhong; Xuchuan Huang; Ruochong Li; Ceyao Zhang; Zhang Chen; Tianrui Guan; Fanlian Zeng; Ka Nam Lui; Yuyao Ye; Yitao Liang; Yaodong Yang; Yuanpei Chen

Thursday, Jan 22, 4:30-5:30pm	Natural Language Processing 5 (NLP) Peridot 202	3584	LatentVLA: Taming Latent Space for Generalizable and Long-Horizon Bimanual	Junming Wang
		12132	FoAM: Foresight-Augmented Multi-Task Imitation Policy for Robotic Manipulation	Litao Liu; Wentao Wang; Yifan Han; Zhuoli Xie; Pengfei Yi; Junyan Li; Wenzhao Lian
		11011	A3D: Adaptive Affordance Assembly with Dual-Arm Manipulation	Jiaqi Liang; Yue Chen; Qize Yu; Yan Shen; Haipeng Zhang; Hao Dong; Ruihai Wu
		25760	GRIM: Task-Oriented Grasping with Conditioning on Generative Examples	Shailesh; Alok Raj; Nayan Kumar; Priya Shukla; Andrew Melnik; Michael Beetz; Gora Chand
		22179	A Boundary Token Graph for Zero-Shot Relation Triplet Extraction Involving Discontinuous Entities	Kailun Lyu; Zehan Li; Fu Zhang; Jingwei Cheng
		11028	Syllogism-Inspired TableQA: Evidentialization Makes Decomposition Reasoning and Answer Verification More Reliable	Zhe Zhang; Lili Bai; Chaopeng Guo; Jie Song
		18727	JELV: A Judge of Edit-Level Validity for Evaluation and Automated Reference Expansion in Grammatical Error Correction	Yuhao Zhan; Yuqing Zhang; Jing Yuan; Qixiang Ma; Zhiqi Yang; Yu Gu; Zemin Liu; Fei Wu
		22247	Lost in Benchmarks? Rethinking Large Language Model Benchmarking with Item Response Theory	Hongli Zhou; Hui Huang; Ziqing Zhao; Lvyuan Han; Huicheng Wang; Kehai Chen; Muyun Yang; Wei Bao; Jian Dong; Bing Xu; Conghui Zhu; Hailong Cao; Tiejun Zhao
		23827	ShoppingBench: A Real-World Intent-Grounded Shopping Benchmark for LLM-based Agents	Jiangyuan Wang; Kejun Xiao; Qi Sun; Huaipeng Zhao; Tao Luo; Jian Dong Zhang; Xiaoyi Zeng
		15624	RESTL: Reinforcement Learning Guided by Multi-Aspect Rewards for Signal Temporal Logic Transformation	Yue Fang; Zhi Jin; Jie An; Hongshen Chen; Xiaohong Chen; Naijun Zhan
Thursday, Jan 22, 4:30-5:30pm	Natural Language Processing 6 (NLP) Peridot 203	18368	Towards Closed-Loop Embodied Empathy Evolution: Probing LLM-Centric Lifelong Empathic Motion Generation in Unseen Scenarios	Jiawen Wang; Jingjing Wang; Tianyang Chen; Min Zhang; Guodong Zhou
		1580	CroPS: Improving Dense Retrieval with Cross-Perspective Positive Samples in Short-Video	Ao Xie; Jiahui Chen; Quanzhi Zhu; Xiaoze Jiang; Zhiheng Qin; Enyun Yu; Han Li
		12064	Step-GRPO: Enhancing Reasoning Quality and Efficiency via Structured PRM-Based Reinforcement Learning	Weijie Li; Jin Wang; Liang-Chih Yu; Xuejie Zhang
		6097	Makespan Investigations of Sequential, Parallel, PO, and POCL Plans	Harrison Oates; Pascal Bercher
		6376	Bilevel MCTS for Amortized O(1) Node Selection in Classical Planning	Masataro Asai
		22454	Symmetry-Aware Transformer Training for Automated Planning	Markus Fritzsche; Elliot Gestrin; Jendrik Seipp
		25301	Learning Heuristic Functions with Graph Neural Networks for Numeric Planning	Valerio Borelli; Alfonso Gerevini; Enrico Scala; Ivan Serina
		15337	Extreme Value Monte Carlo Tree Search for Classical Planning	Masataro Asai; Stephen Wissow
		11856	Comprehensive Urban Region Representation Learning via Multi-View Joint Learning and Contrastive Learning	Yingde Lin; Yuanbo Xu; Lu Jiang; Pengyang Wang
		14780	MovSemCL: Movement-Semantics Contrastive Learning for Trajectory Similarity	Zhichen Lai; Hua Lu; Huan Li; Jialiang Li; Christian S. Jensen
Thursday, Jan 22, 4:30-5:30pm	Data Mining and Knowledge Management 2 (DMKM) Peridot 206	11161	Learnable Matrix Profile for Motif Discovery on Multivariate Time Series	Mingkai Lin; Yinke Wang; Xiaobin Hong; Wenzhong Li
		8616	UrbanPG: An Efficient Framework with Personalized Context and General Backbone Interaction for Urban Spatio-Temporal Learning	Aoyu Liu; Yaying Zhang
		7552	Geo2Vec: Shape- and Distance-Aware Neural Representation of Geospatial Entities	Chen Chu; Cyrus Shahabi
		16466	Ψ -Arena: Interactive Assessment and Optimization of LLM-based Psychological Counselors with Tripartite Feedback	Shijing Zhu; Zhuang Chen; Guanqun Bi; Binghang Li; Yaxi Deng; Dazhen Wan; Libiao Peng; Xiyao Xiao; Rongsheng Zhang; Tangjie Lv; Zhipeng Hu; FangFang Li; Minlie Huang
		23821	Melodia: Training-Free Music Editing Guided by Attention Probing in Diffusion Models	Yi Yang; Haowen Li; Tianxiang Li; Boyu Cao; Xiaohan Zhang; Liqun Chen; Qi Liu
		7160	Exploiting Synergistic Cognitive Biases to Bypass Safety in LLMs	Xikang Yang; Biyu Zhou; Xuehai Tang; Jizhong Han; Songlin Hu
		30168	Reality vs Counterfactual: Multi-World Contrastive Reinforcement Learning for Enhancing MLLM's Theory of Mind in Egocentric Videos	Guiyang Hou; Yihui Fu; Chen Wu; Xiang Huang; Zhe Zheng; Wenqi Zhang; Yongliang Shen; Weiming Lu
		5500	SteerMusic: Enhanced Musical Consistency for Zero-shot Text-Guided and Personalized Music Editing	Xinlei Niu; Kin Wai Cheuk; Jing Zhang; Naoki Murata; Chieh-Hsin Lai; Michele Mancusi; Woosung Choi; Giorgio Fabbro; Wei-Hsiang Liao; Charles Patrick Martin; Yuki Mitsufuji
		10800	Realism Control One-step Diffusion for Real-world Image Super Resolution	Zongliang Wu; Siming Zheng; Peng-Tao Jiang; Xin Yuan
Friday, Jan 23, 9:30-	CV: Low Level &			

10:30am	Physics-based Vision 1 (CV) Garnet 212	10242	Nighttime Flare Removal via Wavelet-Guided and Gated-Enhanced Spatial-Frequency Fusion	Yun Liu; Guang Yang; Tao Li; Weisi Lin
		2942	Multi-Level Blur-Aware Stable Diffusion for Region-Adaptive Defocus Deblurring	Xiaopan Li; Yi Jiang; Shiqian Wu; Shoulie Xie; Sos Agaian
		5346	HATIR: Heat-Aware Diffusion for Turbulent Infrared Video Super-Resolution	Yang Zou; Xingyue Zhu; Kaiqi Han; Jun Ma; Xingyuan Li; Zhiying Jiang; Jinyuan Liu
		18048	Exploiting Blurry Representations for Event-guided Video Super-Resolution	Zeyu Xiao; Xinchao Wang
Friday, Jan 23, 9:30-10:30am	Computer Vision 11 (CV) Garnet 213	3509	RPGen: Robust and Differentially Private Synthetic Image Generation	Zihao Wang; Hao Peng; Wei Dong; Yuecen Wei; Li Sun; Zhengtao Yu
		21811	Stabilizing Cross-Modal Bidirectional Attribution: Few-Shot Adversarial Prompt Tuning for Robust Vision-Language Models	Jun Feng; Shuhong Wu; Hong Sun; Pengfei Zhang; Bocheng Ren; Shunli Zhang
		19288	SGMHand: Structure-Guided Modulation for Structure-Aware Hand Inpainting	Chuancheng Shi; Shiming Guo; Ke Shui; Yixiang Chen; Fei Shen
		19117	Good Gradients Poison Your Model: Evading Defenses in Federated Learning via Boundary-adaptive Perturbation	Xiaojie Zhao; Jinqiao Shi; Yi Li; Junmin Huang; Chongru Fan
		7897	FRBAT: Conditionally-Visible Physical Backdoor Attack via Fluorescence	Yalun Wu; Liu Liu; Endong Tong; Yingxiao Xiang; Xiaoting Lyu; Zhen Han; Jiqiang Liu
		18865	RouterNet: Hierarchical Point Routing Network for Robust Vertebral Landmark Localization on AP X-ray Images	Yingjie Guo; Jinxin Lv; Wei Fang; Qiang Li; Zhiwei Wang
Friday, Jan 23, 9:30-10:30am	Computer Vision 12 (CV) Garnet 214	23872	ReCAD: Reinforcement Learning Enhanced Parametric CAD Model Generation with Vision-Language Models	Jiahao Li; Yusheng Luo; Yunzhong Lou; Xiangdong Zhou
		11396	DiA-gnostic VLVAE: Disentangled Alignment-Constrained Vision Language Variational AutoEncoder for Robust Radiology Reporting with Missing Modalities	Nagur Shareef Shaik; Teja Krishna Cherukuri; Adnan Masood; Dong Hye Ye
		21844	Breaking Task Boundaries: A Unified Model for 3D Medical Image Fusion and Segmentation Guided by Manifold Perspective	Zeyu Wang; Jiayu Wang; Haiyu Song
		4465	GeoCoBox: Box-supervised 3D Tumor Segmentation via Geometric Co-embedding	Tianzhong Lan; Zhang Yi; Xiuyuan Xu; Min Zhu
		19272	RSA-CR: Resisting Shilling Attacks in Citation Recommendation via Dumbbell Inductive Learning	Xiyue Gao; Yukai Liu; Zhuoqi Ma; Xiaotian Qiao; Hui Li; Cai Xu; Kunhua Zhang; Jiangtao Cui
		3705	Decomposing the Neurons: Activation Sparsity via Mixture of Experts for Continual Test Time Adaptation	Rongyu Zhang; Aosong Cheng; Yulin Luo; Gaole Dai; Huanrui Yang; Jiaming Liu; Ran Xu; Li Du; Dan Wang; Yuan Du
Friday, Jan 23, 9:30-10:30am	Philosophy and Ethics of Artificial Intelligence 1 (PEAI) Garnet 215	29817	Efficiently Computing Compact Formal Explanations	Min Wu; Xiaofu Li; Haoze Wu; Clark Barrett
		25201	The Silent Amplifier: In-Context Examples Fuel Bias in Large Language Models	Xinwei Guo; Jiashi Gao; Junlei Zhou; Jiaxin Zhang; Quanying Liu; Haiyan Wu; Xin Yao; Naen Xu; Jinghuai Zhang; Changjiang Li; Hengyu An; Chunyi Zhou; Jun Wang; Boyu Xu; Yuyuan Li; Tianyu Du; Shouling Ji
		4695	Bridging the Copyright Gap: Do Large Vision-Language Models Recognize and Respect Copyrighted Content?	Ivan Karpukhin; Andrey Savchenko
		19227	Detecting the Future: All-at-Once Event Sequence Forecasting with Horizon Matching	Mohammed Abdullah; George Iosifidis; Salah Eddine Elayoubi; Tijani Chahed
		29763	Constrained Online Convex Optimization with Memory and Predictions	Elad Shoham; Omri Haber; Havana Rika; Dan Vilenchik
		20251	Learning to Rank: How GNNs Solve Max-Clique and Sparse PCA	Yuanyuan Xu; Wenjie Zhang; Ying Zhang; Xuemin Lin; Xiwei Xu
Friday, Jan 23, 9:30-10:30am	Machine Learning 6 (ML) Garnet 217	1613	Unlocking Multi-Modal Potentials for Link Prediction on Dynamic Text-Attributed Graphs	Jiazhen Chen; Xiuqin Liang; Sichao Fu; Zheng Ma; Weihua Ou
		9117	Towards Multiple Missing Values-resistant Unsupervised Graph Anomaly Detection	You Li; Guannan Zhao; Yuhao Ju; Yunqi He; Jie Gu; Hai Zhou
		16310	LLA: Enhancing Security and Privacy for Generative Models with Logic-Locked	Jungwuk Park; Dong-Jun Han; Jaekyun Moon
		22929	ProLoG: Hybrid Prompt and LoRA Based Adaptation of Vision-Language Models for OOD Generalization	Shanshan Ye; Kezhi Lu; Guangquan Zhang; Jie Lu
		15853	PARS: Partial-Label-Learning-inspired Recommender Systems	Hao Li; Shuai Yang; Yilun Chen; Xinyi Chen; Xiaoda Yang; Yang Tian; Hanqing Wang; Tai Wang; Dahua Lin; Feng Zhao; Jiangmiao Pang
		29560	Towards Efficient and Robust Manipulation via Multi-Frame Vision-Language-Action Modeling	Xiangyu Wang; Yanze Gao; Changxin Rong; Lyuzhou Chen; Derui Lyu; Xiren Zhou; Taiyu Ban; Huanhuan Chen
Friday, Jan 23, 9:30-10:30am	Machine Learning 7 (ML) Garnet 218	7152	Counterfactual-Driven Zero-Shot Classifier Expansion	

Friday, Jan 23, 9:30-10:30am	Reasoning under Uncertainty 1 (RU) Garnet 219	5995	Robust Causal Discovery Under Imperfect Structural Constraints	Zidong Wang; Xi Lin; Chuchao He; Xiaoguang Gao
		29463	Offline Multi-Objective Bandits: From Logged Data to Pareto-Optimal Policies	Ji Cheng; Song Lai; Shunyu Yao; Bo Xue
		26527	Do Large Language Models Reason About Uncertainty Like Humans? A Benchmark on Hurricane Forecast Visualization Comprehension	Le Liu; Yuhao Wang; Bohan Shen; Wei Zeng; Shizhou Zhang; Di Xu; Peng Wang
		19555	Causal Structure Learning for Dynamical Systems with Theoretical Score Analysis	Nicholas Tagliapietra; Katharina Ensinger; Christoph Zimmer; Osman Mian
Friday, Jan 23, 9:30-10:30am	GTEP: Game Theory 1 (GTEP) Opal 105-106	24968	Security Games with Layered Defenses: Adaptive Adversaries and Gittins Indices	Chun Kai Ling; Jakub Černý; Chin Hui Han; Garud Iyengar; Christian Kroer
		17599	Facility Location for Congesting Commuters and Generalizing the Cost-Distance Problem	Thanasis Lianas; Marios Mertzaniadis; Aikaterini Nikolidaki
		22177	Colonel Blotto with Battlefield Games	Salam Afioni; Jakub Černý; Chun Kai Ling; Christian Kroer
		15170	The Publication Choice Problem	Haichuan Wang; Yifan Wu; Haifeng Xu
Friday, Jan 23, 9:30-10:30am	Robotics 2 (ROB) Peridot 201	8672	Pricing Online LLM Services with Data-Calibrated Stackelberg Routing Game	Zhendong Guo; Wenchao Bai; Jiahui Jin
		21306	RENEW: Risk- and Energy-Aware Navigation in Dynamic Waterways	Mingi Jeong; Alberto Quattrini Li
		5867	Self-supervised Multiplex Consensus Mamba for General Image Fusion	Yingying Wang; Rongjin Zhuang; Hui Zheng; Xuanhua He; Ke Cao; Xiaotong Tu; Xinghao Ding
		5428	RaLD: Generating High-Resolution 3D Radar Point Clouds with Latent Diffusion	Ruijie Zhang; Bixin Zeng; Shengpeng Wang; Fuhui Zhou; Wei Wang
Friday, Jan 23, 9:30-10:30am	NLP: Information Extraction 1 (NLP) Peridot 202	7273	MMamba: A Versatile Cross-Modal in Context Fusion Framework for Pan-Sharpening and Zero-Shot Image Enhancement	Yingying Wang; Xuanhua He; Chen Wu; Jialing Huang; Suiyun Zhang; Rui Liu; Xinghao Ding; Haoxuan Che
		1846	LiDARcrafter: Dynamic 4D World Modeling from LiDAR Sequences	Alan Liang; Youquan Liu; Yu Yang; Dongyue Lu; Linfeng Li; Lingdong Kong; Huaici Zhao; Wei Tsang Ooi
		26760	A Multi-Agent LLM Framework for Multi-Domain Low-Resource In-Context NER via Knowledge Retrieval, Disambiguation and Reflective Analysis	Wenxuan Mu; Jinzhong Ning; Di Zhao; Yijia Zhang
		29834	Extracting Events Like Code: A Multi-Agent Programming Framework for Zero-Shot Event Extraction	Quanjiang Guo; Sijie Wang; Jinchuan Zhang; Ben Zhang; Zhao Kang; Ling Tian; Ke Yan
Friday, Jan 23, 9:30-10:30am	Natural Language Processing 7 (NLP) Peridot 203	7589	Improving the Accuracy of Dense Retrieval on the Quantized Indexes via Gradient Optimization of the Target Embeddings	Cong Tan; Yongqi Shao; Hong Huo; Tao Fang
		23986	BiCA: Effective Biomedical Dense Retrieval with Citation-Aware Hard Negatives	Aarush Sinha; Pavan Kumar S; Roshan Balaji; Nirav Pravinbhai Bhatt
		3628	SCIR: A Self-Correcting Iterative Refinement Framework for Enhanced Information Extraction Based on Schema	Yushen Fang; Jianjun Li; Mingqian Ding; Chang Liu; Xinchou Zou; Wenqi Yang
		14186	Light-IF: Endowing LLMs with Generalizable Reasoning via Preview and Self-Checking for Complex Instruction Following	Chenyang Wang; Liang Wen; Shousheng Jia; Xiangzheng Zhang; Liang Xu
Friday, Jan 23, 9:30-10:30am	Knowledge Representation & Reasoning 1 (KRR) Peridot 204	25928	KALL-E: Autoregressive Speech Synthesis with Next-Distribution Prediction	Kangxiang Xia; Xinfu Zhu; Jixun Yao; Wenjie Tian; Wenhao Li; Lei Xie
		26360	Multimodal DeepResearcher: Generating Text-Chart Interleaved Reports from Scratch with Agentic Framework	Zhaorui Yang; Bo Pan; Han Wang; Yiyao Wang; Xingyu Liu; Luoxuan Weng; Yingchaojie Feng; Haozhe Feng; Minfeng Zhu; Bo Zhang; Wei Chen
		22115	WaterMod: Modular Token-Rank Partitioning for Probability-Balanced LLM Watermarking	Shinwoo Park; Hyejin Park; Hyeeseon Ahn; Yo-Sub Han
		24923	Anchor Watermark: Robust Attribution for Diffusion-based Text-to-Audio Model	Xianjin Rong; Donghui Hu
Friday, Jan 23, 9:30-10:30am	DMKM: Recommender	22890	Foundations of Formal Reasoning over Knowledge Bases Combining Symbolic and Sub-Symbolic Knowledge	Gianluca Cima; Marco Console; Laura Papi
		13581	VSPO: Validating Semantic Pitfalls in Ontology via LLM-Based CQ Generation	Hyojun Choi; Seokju Hwang; Kyong-Ho Lee
		6790	Multi-Modal Fact Knowledge Generation for Imbalanced Cross-Source Entity Alignment	Qian Li; Cheng Ji; Zhaoji Liang; Yuzheng Zhang; Zhuo Chen; Siyuan Liang
		23180	Expressive Recursive Answers for Ontological Knowledge Bases	Luca Andolfi; Gianluca Cima; Marco Console; Maurizio Lenzerini
Friday, Jan 23, 9:30-10:30am		15149	Can You Tell the Difference? Contrastive Explanations for ABox Entailments	Patrick Koopmann; Yasir Mahmood; Axel-Cyrille Ngonga Ngomo; Balram Tiwari
		9987	DFRec: Dual Fluctuation Modeling of Multi-level Intent Evolution for Next-Item Recommendation	Nengjun Zhu; Lingdan Sun; Qi Zhang; Jian Cao; Hang Yu

10:30am	Systems 2 (DMKM) Peridot 206	13197	Exploiting Inter-Session Information with Frequency-enhanced Dual-Path Networks for Sequential Recommendation	Peng He; Yanglei Gan; Tingting Dai; Run Lin; Xuexin Li; Yao Liu; Qiao Liu
		23426	De-collapsing User Intent: Adaptive Diffusion Augmentation with Mixture-of-Experts for Sequential Recommendation	Xiaoxi Cui; Chao Zhao; Yurong Cheng; Xiangmin Zhou
		19313	Bid Farewell to Seesaw: Towards Accurate Long-Tail Session-Based Recommendation via Dual Constraints of Hybrid Intents	Xiao Wang; Ke Qin; Dongyang Zhang; Xiurui Xie; Shuang Liang
		15406	Wavelet Enhanced Adaptive Frequency Filter for Sequential Recommendation	Huayang Xu; Huanhuan Yuan; Guanfeng Liu; Junhua Fang; Lei Zhao; Pengpeng Zhao
Friday, Jan 23, 9:30-10:30am	Cognitive Modeling & Systems 2 (CMS) Tourmaline 207-209	8223	I2E: Real-Time Image-to-Event Conversion for High-Performance Spiking Neural Networks	Ruichen Ma; Liwei Meng; Guanchao Qiao; Ning Ning; Yang Liu; Shaogang Hu
		6524	Generalized Threshold Optimization with Harmony Multi-Threshold Neurons for Accurate ANN-to-SNN Conversion	Wenhan Zhang; Zihan Huang; Tong Bu; Tiejun Huang; Zhaoifei Yu
		12354	Temporal Dynamics Enhancer for Directly Trained Spiking Object Detectors	Fan Luo; Zeyu Gao; Xinhao Luo; Kai Zhao; Yanfeng Lu
		2259	Spikingformer: A Key Foundation Model for Spiking Neural Networks	Chenlin Zhou; Liutao Yu; Zhaokun Zhou; Han Zhang; Jiaqi Wang; Huihui Zhou; Zhengyu Ma; Yonghong Tian
Friday, Jan 23, 11:00am-12:00pm	Computer Vision 13 (CV) Garnet 212	10222	TDSNNs: Competitive Topographic Deep Spiking Neural Networks for Visual Cortex Modeling	Deming Zhou; Yuetong Fang; Zhaorui Wang; Renjing Xu
		26887	Lightweight Optimal-Transport Harmonization on Edge Devices	Maria Larchenko; Dmitry Guskov; Alexander Lobashev; Georgy Derevyanko
		7270	OFL-SAM2: Prompt SAM2 with Online Few-shot Learner for Efficient Medical Image Segmentation	Meng Lan; Lefei Zhang; Xiaomeng Li
		22343	RefAdGen: High-Fidelity Advertising Image Generation	Yiyun Chen; Weikai Yang
Friday, Jan 23, 11:00am-12:00pm	Computer Vision 14 (CV) Garnet 213	4474	Towards Zero-Shot Diabetic Retinopathy Grading: Learning Generalized Knowledge via Prompt-Driven Matching and Emulating	Huan Wang; Haoran Li; Yuxin Lin; Huaming Chen; Jun Yan; Lijuan Wang; Jiahua Shi; Qihao Xu; Yongting Hu; Yong Xu; Jun Shen
		12222	Unified Representation Causal Prompt Distillation for Re-Inference-Free Lifelong Person Re-Identification	Jiaqi Zhao; Jie Luo; Yong Zhou; Wen-Liang Du; Xixi Li; Rui Yao
		12350	GeoX-Bench: Benchmarking Cross-View Geo-Localization and Pose Estimation Capabilities of Large Multimodal Models	Yushuo Zheng; Jiangyong Ying; Huiyu Duan; Chunyi Li; Zicheng Zhang; Jing Liu; Xiaohong Liu; Guangtao Zhai
		10891	SplatSSC: Decoupled Depth-Guided Gaussian Splatting for Semantic Scene Completion	Rui Qian; Haozhi Cao; Tianchen Deng; Shenghai Yuan; Lihua Xie
Friday, Jan 23, 11:00am-12:00pm	CV: 3D Computer Vision 1 (CV) Garnet 214	19965	ControlFuse: Instruction-guided Multi-Granularity Controllable Image Fusion	Libo Zhao; Xiaoli Zhang; Zeyu Wang
		12603	Multi-Semantic Modeling for Glass Surface Detection in the Wild	Qianyu Cheng; Huankang Guan; Rynson W. H. Lau
		25160	Empowering Semantic-Sensitive Underwater Image Enhancement with VLM	Guodong Fan; Shengning Zhou; Genji Yuan; Huiyu Li; Jingchun Zhou; Jinjiang Li
		7042	Geometry Meets Light: Leveraging Geometric Priors for Universal Photometric Stereo Under Limited Multi-Illumination Cues	King-Man Tam; Satoshi Ikehata; Yuta Asano; Zhaoyi An; Rei Kawakami
Friday, Jan 23, 11:00am-12:00pm	Philosophy and Ethics of Artificial Intelligence 2 (PEAI) Garnet 215	14363	Pb4U-GNet: Resolution-Adaptive Garment Simulation via Propagation-before-Update Graph Network	Aoran Liu; Kun Hu; Clinton Ansun Mo; Qiuxia Wu; Wenxiong Kang; Zhiyong Wang
		14760	InterCoser: Interactive 3D Character Creation with Disentangled Fine-Grained Features	Yi Wang; Jian Ma; Zhuo Su; Guidong Wang; Jingyu Yang; Yu-Kun Lai; Kun Li
		7516	Empowering Sparse-Input Neural Radiance Fields with Dual-Level Semantic Guidance from Dense Novel Views	Yingji Zhong; Kaichen Zhou; Zhihao Li; Lanqing Hong; Zhenguo Li; Dan Xu
		4567	Open-World 3D Scene Graph Generation for Retrieval-Augmented Reasoning	Yu Fei; Quan Deng; Shengeng Tang; Li Yuehua; Lechao Cheng
Friday, Jan 23, 11:00am-12:00pm	Philosophy and Ethics of Artificial Intelligence 2 (PEAI) Garnet 215	8523	When Privacy Meets Recovery: The Overlooked Half of Surrogate-Driven Privacy Preservation for MLLM Editing	Siyuan Xu; Yibing Liu; Peilin Chen; Yung-Hui Li; Shiqi Wang; Sam Kwong
		13477	Cross-Modal Unlearning via Influential Neuron Path Editing in Multimodal Large Language	Kunhao Li; Wenhao Li; Di Wu; Lei Yang; Jun Bai; Ju Jia; Jason Xue
		195	HealSplit: Towards Self-Healing Through Adversarial Distillation in Split Federated Learning	Yuhan Xie; Chen Lyu
		17903	6DAttack: Backdoor Attacks in the 6DoF Pose Estimation	Jihui Guo; Zongmin Zhang; Zhen Sun; Yuhao Yang; Jinlin Wu; Fu Zhang; Xinlei He
		9658	PurMM: Attention-Guided Test-Time Backdoor Purification in Multimodal Large Language Models	Wenzheng Jiang; Ke Liang; Xuankun Rong; Jingxuan Zhou; Zhengyi Zhong; Guancheng Wan; Ji Wang

Friday, Jan 23, 11:00am-12:00pm	ML: Applications 1 (ML) Garnet 217	3496	Forgetting by Pruning: Data Deletion in Join Cardinality Estimation	Chaowei He; Yuanjun Liu; Qingzhi Ma; Shenyuan Ren; Xizhao Luo; Lei Zhao; An Liu
		24320	Multimodal Mixture-of-Experts with Retrieval Augmentation for Protein Active Site Identification	Jiayang Wu; Jiale Zhou; Rubo Wang; Xingyi Zhang; Xun Lin; Tianxu Lv; Leong Hou U; Yefeng Zheng
		28039	Hierarchical Dataset Selection for High-Quality Data Sharing	Xiaona Zhou; Yingyan Zeng; Ran Jin; Ismini Lourentzou
		525	Debiased Cognitive Diagnosis: A Contrastive Counterfactual Modeling Method via Variational Autoencoder	Shangshang Yang; Xuewen Duan; Xiaoshan Yu; Ziwen Wang; Haiping Ma; Xingyi Zhang
		13271	Drift Estimation for Diffusion Processes Using Neural Networks Based on Discretely Observed Independent Paths	Yuzhen Zhao; Yating Liu; Marc Hoffmann
Friday, Jan 23, 11:00am-12:00pm	ML: Large Multimodal Models (LMMs) 2 (ML) Garnet 218	28569	URaG: Unified Retrieval and Generation in Multimodal LLMs for Efficient Long Document Understanding	Yongxin Shi; Jiapeng Wang; Zeyu Shan; Dezhi Peng; Zening Lin; Lianwen Jin
		21659	CoLM: Collaborative Large Models via a Client-Server Paradigm	Siqi Huang; Sida Huang; Hongyuan Zhang
		19115	Benchmarking Multimodal Knowledge Conflict for Large Multimodal Models	Yifan Jia; Yuntao Du; Kailin Jiang; Yuyang Liang; Qihan Ren; Yi Xin; Rui Yang; Fenze Feng; MingCai Chen; Hengyang Lu; Haozhe Wang; Qian Li; Xiaoye Qu; Dongrui Liu
		5885	FAM: Fine-Grained Alignment Matters in Multimodal Embedding Learning with Large Vision-Language Models	Tianhang Xiang; Yirui Li; Lizhao Liu; Hongyan Zhi; Chuanshen Chen; Qing Du; Mingkui Tan
		16109	Enhancing Spatial Reasoning Through Visual and Textual Thinking	Xun Liang; Xin Guo; Zhongming Jin; Weihang Pan; Penghui Shang; Deng Cai; Binbin Lin; Jieping Ye
Friday, Jan 23, 11:00am-12:00pm	Reasoning under Uncertainty 2 (RU) Garnet 219	24944	Coarse-to-Fine Open-Set Graph Node Classification with Large Language Models	Xueqi Ma; Xingjun Ma; Sarah Monazam Erfani; Danilo Mandic; James Bailey
		20546	Learning from Imperfect Data: Robust Inference of Dynamic Systems Using Simulation-Based Generative Model	Hyunwoo Cho; Hyeontae Jo; Hyung Ju Hwang
		15497	Exploring Non-Convex Discrete Energy Landscapes: An Efficient Langevin-Like Sampler with Replica Exchange	Haoyang Zheng; Hengrong Du; Ruqi Zhang; Guang Lin
		28206	Universal Learning of Stochastic Dynamics for Exact Belief Propagation Using Bernstein Normalizing Flows	Peter Amorese; Morteza Lahijanian
		6210	Conformal Prediction for Multi-Source Detection on a Network	Xingchao Jian; Purui Zhang; Lan Tian; Feng Ji; Wenfei Liang; Wee Peng Tay; Bihan Wen; Felix Krahmer
Friday, Jan 23, 11:00am-12:00pm	GTEP: Social Choice / Voting 2 (GTEP) Opal 105-106	27851	On the Edge of Core (Non-)Emptiness: An Automated Reasoning Approach to Approval-Based Multi-Winner Voting	Ratip Emin Berker; Emanuel Tewolde; Vincent Conitzer; Mingyu Guo; Marijn Heule; Lirong Xia
		24109	Reconfiguring Proportional Committees	Chris Dong; Fabian Frank; Jannik Peters; Warut Suksompong
		18495	Algorithms for Structured Elections Under Thiele Voting Rules	Alexandra Lassota; Krzysztof Sornat
		20860	Exclusion Zones of Instant Runoff Voting	Kiran Tomlinson; Johan Ugander; Jon Kleinberg
		17465	Fairness in the Multi-Secretary Problem	Georgios Papatotiropoulos; Zein Pishbin
Friday, Jan 23, 11:00am-12:00pm	ROB: Embodied AI 2 (ROB) Peridot 201	1352	SemanticVLA: Semantic-Aligned Sparsification and Enhancement for Efficient Robotic Manipulation	Wei Li; Renshan Zhang; Rui Shao; Zhijian Fang; Kaiwen Zhou; Zhuotao Tian; Liqiang Nie
		4859	ReconVLA: Reconstructive Vision-Language-Action Model as Effective Robot Perceiver	Wenxuan Song; Ziyang Zhou; Han Zhao; Jiayi Chen; Pengxiang Ding; Haodong Yan; Yuxin Huang; Feilong Tang; Donglin Wang; Haoang Li
		11058	DiTEA: Mixture-of-Experts for Vision-Language-Action Model in Robotic Manipulation	Chengxuan Li; Xingwan Wang
		7654	VLA-Adapter: An Effective Paradigm for Tiny-Scale Vision-Language-Action Model	Yihao Wang; Pengxiang Ding; Lingxiao Li; Can Cui; Zirui Ge; Xinyang Tong; Wenxuan Song; Han Zhao; Wei Zhao; Pengxu Hou; Siteng Huang; Yifan Tang; Wenhui Wang; Ru Zhang; Jianyi Liu; Donglin Wang
		8104	Learning Object-Centric Motion Priors from Human for Robotic Dexterous Manipulation	Zhengdong Hong; Guofeng Zhang
Friday, Jan 23, 11:00am-12:00pm	NLP: Machine Translation, Multilinguality, Cross-	23473	PLaST: Towards Paralinguistic-aware Speech Translation	Yi Li; Rui Zhao; Ruiquan Zhang; Jinsong Su; Daimeng Wei; Min Zhang; Yidong Chen
		27476	REINA: Regularized Entropy Information-Based Loss for Efficient Simultaneous Speech Translation	Nameer Hirschkind; Joseph Liu; Xiao Yu; Mahesh Kumar Nandwana

	Lingual NLP 1 (NLP) Peridot 202	19688	AdaMCoT: Rethinking Cross-Lingual Factual Reasoning Through Adaptive Multilingual Chain-of-Thought	Zheng Weihua; Xin Huang; Zhengyuan Liu; Tarun Kumar Vangani; Bowei Zou; Xiyan Tao; Yuhao Wu; AiTi Aw; Nancy F. Chen; Roy Ka-Wei Lee
		27483	SASST: Leveraging Syntax-Aware Chunking and LLMs for Simultaneous Speech Translation	Zeyu Yang; Lai Wei; Roman Koshkin; Xi Chen; Satoshi Nakamura
		30369	ViDia2Std: A Parallel Corpus and Methods for Low-Resource Vietnamese Dialect-to-Standard Translation	Khoa Anh Ta; Nguyen van Dinh; Kiet Van Nguyen
Friday, Jan 23, 11:00am-12:00pm	NLP: (Large) Language Models 2 (NLP) Peridot 203	22715	Toward Better EHR Reasoning in LLMs: Reinforcement Learning with Expert Attention Guidance	Yue Fang; Yuxin Guo; Jiaran Gao; Hongxin Ding; Xinke Jiang; Weibin Liao; Yongxin Xu; Yinghao Zhu; Zhibang Yang; Liantao Ma; Junfeng Zhao; Yasha Wang
		28035	SPA: Achieving Consensus in LLM Alignment via Self-Priority Optimization	Yue Huang; Xiangqi Wang; Xiangliang Zhang
		25228	GRAM-R ² : Self-Training Generative Foundation Reward Models for Reward Reasoning	Chenglong Wang; Yongyu Mu; Hang Zhou; Yifu Huo; Ziming Zhu; Jiali Zeng; Murun Yang; Bei Li; Xiaoyang Hao; Chunliang Zhang; Fandong Meng; Jingbo Zhu; Tong Xiao
		14838	OncoCoT: A Temporal-causal Chain-of-Thought Dataset for Oncologic Decision-Making	Peiru Yang; Yudong Li; Shiting Wang; Xinyi Liu; Haotian Gan; Xintian Li; Qingyu Gao; Yongfeng Huang
		5600	Causal Reward Adjustment: Mitigating Reward Hacking in External Reasoning via Backdoor Correction	Ruike Song; Zeen Song; Huijie Guo; Wenwen Qiang
Friday, Jan 23, 11:00am-12:00pm	Knowledge Representation & Reasoning 2 (KRR) Peridot 204	16247	Socrates or Smartypants: Testing Logic Reasoning Capabilities of Large Language Models with Logic Programming-Based Test Oracles	Zihao Xu; Junchen Ding; Yiling Lou; Kun Zhang; Dong Gong; Yuekang Li
		12945	Enumerating Minimal Unsatisfiable Cores of LTLf Formulae	Antonio Ielo; Giuseppe Mazzotta; Rafael Peñaloza; Francesco Ricca
		7524	Symmetry Breaking for Inductive Logic Programming	Andrew Cropper; David M. Cerna; Matti Järvisalo
		24651	Counterfactual Question Generation Uncovering Learner Contradictions	Bo Zhang; Hao Yu; Wenjie Dong; Yvhang Yang; Dezhuang Miao; Fengyi Song; Yanhui Gu; Xiaoming Zhang; Junsheng Zhou
		14870	Learning from Answer Sets via Single-Shot Disjunctive ASP Encoding	Roberto Borelli; Agostino Dovier
Friday, Jan 23, 11:00am-12:00pm	Data Mining and Knowledge Management 3 (DMKM) Peridot 206	1549	SSCL: Adversarially Guided Image Compression via Semantic and Spectral Consistency Learning	Wei Jiang; Yongqi Zhai; Jiayu Yang; Bohao Feng; Wenqiang Wang; Bo Huang; Lin Ding; Ronggang Wang
		8240	Invariant Feature Learning for Counterfactual Watch-time Prediction in Video Recommendation	Chenghou Jin; Yixin Ren; Hongxu Ma; Yewei Xia; Yi Guan; Hao Zhang; Jiandong Ding; Jihong Guan; Shuigeng Zhou
		12139	The Last Byte: Learning Just Enough for Machine-Oriented Image Compression	Wuyuan Xie; Zhenming Li; Ye Liu; Jian Jin; Yun Song; Miaohui Wang
		15956	From Points to Coalitions: Hierarchical Contrastive Shapley Values for Prioritizing Data Samples	Canran Xiao; Jiabao Dou; Zhiming Lin; Zong Ke; Liwei Hou
		1250	HCF: Hierarchical Cascade Framework for Distributed Multi-Stage Image Compression	Junhao Cai; Taegun An; Chengjun Jin; Sung Il Choi; Juhyun Park; Changhee Joo
Friday, Jan 23, 11:00am-12:00pm	Cognitive Modeling & Systems 3 (CMS) Tourmaline 207-209	9661	DCHO: A Decomposition–Composition Framework for Predicting Higher-Order Brain Connectivity to Enhance Diverse Downstream Personality-guided Public-Private Domain Disentangled Hypergraph-Former Network for Multimodal Depression Detection	Weibin Li; Wendu Li; Quanying Liu
		23436	Personalized Recommendation via Mutual Information Estimation	Changzeng Fu; Shiwen Zhao; Yunze Zhang; Zhongquan Jian; Shiqi Zhao; Chaoran Liu
		24356	FINE: Factorized Multimodal Sentiment Analysis via Mutual Information Estimation	Yadong Liu; Shangfei Wang
		29942	DS-ATGO: Dual-Stage Synergistic Learning via Forward Adaptive Threshold and Backward Gradient Optimization for Spiking Neural	Jiaqiang Jiang; Wenfeng Xu; Jing Fan; Rui Yan
		19666	SyncBrain: Exploring Brain Functional Dynamics Through Neural Oscillatory Synchronization	Jiaqi Ding; Tingting Dan; Zhixuan Zhou; Guorong Wu
Friday, Jan 23, 3:00-4:00pm	Computer Vision 15 (CV) Garnet 212	18585	Perspective from a Broader Context: Can Room Style Knowledge Help Visual Floorplan Localization?	Bolei Chen; Shengsheng Yan; Yongzheng Cui; Jiaxu Kang; Ping Zhong; Jianxin Wang
		4481	Dual-Path Knowledge-Augmented Contrastive Alignment Network for Spatially Resolved Transcriptomics	Wei Zhang; Jiajun Chu; Xinci Liu; Chen Tong; Xinyue Li
		8512	VAEVQ: Enhancing Discrete Visual Tokenization Through Variational Modeling	Sicheng Yang; Xing Hu; Qiang Wu; Dawei Yang
		16413	DeLightMono: Enhancing Self-Supervised Monocular Depth Estimation in Endoscopy by Decoupling Uneven Illumination	Mingyang Ou; Haojin Li; Yifeng Zhang; Ke Niu; Zhongxi Qiu; Heng Li; Jiang Liu

		1538	Ambiguity-aware Truncated Flow Matching for Ambiguous Medical Image Segmentation	Fanding Li; Xiangyu Li; Xianghe Su; Xingyu Qiu; Suyu Dong; Wei Wang; Kuanquan Wang; Gongning Luo; Shuo Li
Friday, Jan 23, 3:00-4:00pm	Computer Vision 16 (CV) Garnet 213	1025	CondDiff-AMO: Integrating Conditional Diffusion Mechanism for Unified Amodal Mask Generation	CaiJie Zhao; Bob Zhang
		11251	SAGA: Learning Signal-Aligned Distributions for Improved Text-to-Image Generation	Paul Grimal; Michael Soumm; Hervé Le Borgne; Olivier Ferret; Akihiro Sugimoto
		1779	Real-time 3D Object Detection with Inference-Aligned Learning	Chenyu Zhao; Xianwei Zheng; Zimin Xia; Linwei Yue; Nan Xue
		14737	Object Fusion via Diffusion Time-step for Customized Image Editing with Single Example	Xue Song; Zhongqi Yue; Jiequan Cui; Hanwang Zhang; Jingjing Chen
		8623	MDiff4STR: Mask Diffusion Model for Scene Text Recognition	Yongkun Du; Miaomiao Zhao; Songlin Fan; Zhineng Chen; Caiyan Jia; Yu-Gang Jiang
Friday, Jan 23, 3:00-4:00pm	Computer Vision 17 (CV) Garnet 214	7824	S3Net: Spatiotemporally Separated Sparse Network for Neuromorphic Vision Processing	Ping He; Rong Xiao; Wanying Xu; Chenwei Tang; Shudong Huang; Huajin Tang
		14004	IGIANet: Illumination Guided Implicit Alignment Network for Infrared-Visible UAV Detection	Xiangqi Chen; Dawei Zhang; Li Zhao; Chengzhuan Yang; Zhongyu Chen; Jungang Lou; Zhonglong Zheng; Sang-Woon Jeon; Hua Wang
		24966	CLUENet: Cluster Attention Makes Neural Networks Have Eyes	Xiangshuai Song; Jun-Jie Huang; Tianrui Liu; Ke Liang; Chang Tang
		21067	Marginalized Generalized IoU (MGIoU): A Unified Objective Function for Optimizing Convex Parametric Shapes	Duy-Tho Le; Trung Pham; Jianfei Cai; Hamid Rezatofighi
		24661	Multi-Window Gabor Transform Network for Ground Penetrating Radar B-Scan Image Reconstruction	Huabin Wang; Yu Yang; Xinran Zhong; Zilong Ling
Friday, Jan 23, 3:00-4:00pm	Planning, Routing and Scheduling 2 (PRS) Garnet 215	20427	Robust Out-of-Order Retrieval for Grid-Based Storage at Maximum Capacity	Tzvika Geft; William Zhang; Jingjin Yu; Kostas Bekris
		14228	Rep Deep & Machine Learning: Exemplar-Free Continual Video Action Recognition via Slow-Fast Collaborative Learning	Xueyi Zhang; Chengwei Zhang; Zheng Li; Xiyu Wang; Siqi Cai; Mingrui Lao; Yanming Guo; Huiping Zhuang
		26972	Incremental Data-Driven Policy Synthesis via Game Abstractions	Irmak Sağlam; Mahdi Nazeri; Alessandro Abate; Sadegh Soudjani; Anne-Kathrin Schmuck
		20105	Satisficing and Optimal Generalised Planning via Goal Regression	Dillon Z. Chen; Till Hofmann; Toryn Q. Klassen; Sheila A. McIlraith
		30707	Improved Algorithms for Trip-Vehicle Assignment in Ride-Sharing	Jingyang Zhao; Mingyu Xiao; Yonghang Su
Friday, Jan 23, 3:00-4:00pm	ML: Time-Series/Data Streams 2 (ML) Garnet 217	25969	GraFT: Infusing Pre-trained Transformers with Relational Structure for Time Series Forecasting	Yuqi Yuan; Xiong Luo; Qiaojuan Peng; Wenbing Zhao
		25257	TimeCAP: A Channel-Aware Pre-Training Framework for Multivariate Time Series Forecasting	Chuanru Ren; Yao Lu; Tianjin Huang; Haowen Zheng; Hengde Zhu; Yunyin Li; Hengxiao Li; Lu Liu
		27767	Harnessing Vision-Language Models for Time Series Anomaly Detection	Zelin He; Sarah Alnegheimish; Matthew Reimherr
		12617	COGS: A Causal Representation Learning Framework for Out-of-Distribution Generalization in Time Series	Xinxin Song; Yuxiao Cheng; Tingxiong Xiao; Jinli Suo
		25643	MedSpaformer: A Transferable Transformer with Multi-Granularity Token Sparsification for Medical Time Series Classification	Jiexia Ye; Weiqi Zhang; Ziyue Li; Jia Li; Fugee Tsung
Friday, Jan 23, 3:00-4:00pm	Machine Learning 8 (ML) Garnet 218	3533	Diffusion-calibrated Continual Test-time Adaptation	Xu Yang; Moqi Li; Kun Wei
		17622	Unsupervised Feature Selection Through Group Discovery	Shira Lifshitz; Ofir Lindenbaum; Gal Mishne; Ron Meir; Hadas Benisty
		7226	Self-Supervised Learning Based on Transformed Image Reconstruction for Equivariance-Coherent Feature Representation	Qin Wang; Alessio Quercia; Benjamin Bruns; Abigail Morrison; Hanno Scharr; Kai Krajsek
		5120	Anchor-Guided Discriminative Subspace Alignment and Clustering for Cross-Scene Hyperspectral Imagery	Yongshan Zhang; Zixuan Zhang; Xinxin Wang; Lefei Zhang; Zhihua Cai
		3115	Towards Robust Edge Model Adaptation via Elastic Architecture Search	Xianhang Chu; Xu Yang; Kun Wei; Xi Wang
Friday, Jan 23, 3:00-4:00pm	Search and Optimization 1 (SO) Garnet 219	28702	Finding One Local Optimum Is Easy—but What About Two?	Yasuaki Kobayashi; Kazuhiro Kurita; Yutaro Yamaguchi
		28981	Improved Fully Dynamic Submodular Maximization Under Matroid Constraints	Yiwei Gao; Jialin Zhang; Zhijie Zhang
		21300	Approximation Algorithm for Constrained k-Center Clustering: A Local Search Approach	Chaoqi Jia; Longkun Guo; Kewen Liao; Zhigang Lu; Chao Chen; Jason Xue
		11984	EoH-S: Evolution of Heuristic Set Using LLMs for Automated Heuristic Design	Fei Liu; Yilu Liu; Qingfu Zhang; Tong Xialiang; Mingxuan Yuan

Friday, Jan 23, 3:00-4:00pm	Human-AI Interaction 3 (HAI) Opal 105-106	21786	Parametric Pareto Set Learning for Expensive Multi-Objective Optimization	Ji Cheng; Bo Xue; Qingfu Zhang
		10695	Cross-modal Prompting for Balanced Incomplete Multi-modal Emotion Recognition	Wen-Jue He; Xiaofeng Zhu; Zheng Zhang
		3193	SUGAR: Learning Skeleton Representation with Visual-Motion Knowledge for Action Recognition	Qilang Ye; Yu Zhou; Lian He; Jie Zhang; Xuanming Guo; Jiayu Zhang; Mingkui Tan; Weicheng Xie; Yue Sun; Tao Tan; Xiaochen Yuan; Ghada Khoriba; Zitong Yu
		13034	Explaining Decentralized Multi-Agent Reinforcement Learning Policies	Kayla Boggess; Sarit Kraus; Lu Feng
		19116	EPIC: Explanation of Pretrained Image Classification Networks via Prototypes	Piotr Borycki; Magdalena Trędownicz; Szymon Janusz; Jacek Tabor; Przemysław Spurek; Arkadiusz Lewicki; Lukasz Struski
Friday, Jan 23, 3:00-4:00pm	MAS: Multiagent Planning 1 (MAS) Peridot 201	13631	A Brain-Inspired Saliency Prediction Framework for Human-AI Cognitive Consistency in AIGC Content via Multi-Region Liquid Neurons	Shibo Wang; Yan Zhao; Shigang Wang; Jian Wei; Shuo Li
		16384	Multi-Agent Corridor Reasoning for Multi-Agent Path Finding	Yiran Ni; Deshi Ye
		10898	BTPG-max: Achieving Local Maximal Bidirectional Pairs for Bidirectional Temporal Plan Graphs	Yifan Su; Rishi Veerapaneni; Jiaoyang Li
		25340	Dynamic Agent Grouping ECBS: Scaling Windowed Multi-Agent Path Finding with Completeness Guarantees	Tiannan Zhang; Rishi Veerapaneni; Shao-Hung Chan; Jiaoyang Li; Maxim Likhachev
		14479	Graph Attention-Guided Search for Dense Multi-Agent Pathfinding	Rishabh Jain; Keisuke Okumura; Michael Amir; Amanda Prorok
Friday, Jan 23, 3:00-4:00pm	NLP: (Large) Language Models 3 (NLP) Peridot 202	27666	Symbolic Planning and Multi-Agent Path Finding in Extremely Dense Environments with Unassigned Agents	Bo Fu; Zhe Chen; Rahul Chandan; Alexandre Ormiga Galvao Barbosa; Michael Caldara; Joey W. Durham; Federico Pecora
		3816	LLM-Oriented Token-Adaptive Knowledge Distillation	Xurong Xie; Zhucun Xue; Jiafu Wu; Jian Li; Yabiao Wang; Xiaobin Hu; Yong Liu; Jiangning Zhang
		7195	Efficient Hallucination Detection: Adaptive Bayesian Estimation of Semantic Entropy with Guided Semantic Exploration	Qiyao Sun; Xingming Li; Xixiang He; Ao Cheng; Xuanyu Ji; Hailun Lu; Runke Huang; Qingyong Hu
		6189	Why Do Open-Source LLMs Struggle with Data Analysis? A Systematic Empirical Study	Yuqi Zhu; Yi Zhong; Jintian Zhang; Ziheng Zhang; Shuofei Qiao; Yujie Luo; Lun Du; Da Zheng; Ningyu Zhang; Huajun Chen
		26663	Advanced Black-Box Tuning of Large Language Models with Limited API Calls	Zhikang Xie; Weilin Wan; Peizhu Gong; Weizhong Zhang; Cheng Jin
Friday, Jan 23, 3:00-4:00pm	Natural Language Processing 8 (NLP) Peridot 203	17340	Difficulty Is Not Enough: Curriculum Learning for LLMs Fine-tuning Must Consider Utility	Zishang Jiang; Jinyi Han; Tingyun Li; Xinyi Wang; Sihang Jiang; Xiaojun Meng; Jiansheng Wei; Jiaqing Liang; Yanghua Xiao
		22041	Eliciting Chain-of-Thought in Base LLMs via Gradient-Based Representation Optimization	Zijian Wang; Yanxiang Ma; Chang Xu
		25003	LoKI: Low-Damage Knowledge Implanting of Large Language Models	Runyu Wang; Peng Ping; Zhengyu Guo; Xiaoye Zhang; Quan Shi; Liting Zhou; Tianbo Ji
		22530	Improving Implicit Discourse Relation Recognition with Natural Language Explanations from LLMs	Heng Wang; Changxing Wu
		8978	Learning Beyond Domains: Misleading Prompts and Pseudo-Label Contrast for Text Domain Generalization	Qizhi Li; Xuyang Wang; Yingke Chen; Ming Yan; Dezhong Peng; Xi Peng; Xu Wang
Friday, Jan 23, 3:00-4:00pm	Knowledge Representation & Reasoning 3 (KRR) Peridot 204	9392	Beyond Plain Demos: A Demo-Centric Anchoring Paradigm for In-Context Learning in Alzheimer's Disease Detection	Puzhen Su; Haoran Yin; Miao Yongzhu; Jintao Tang; Shasha Li; Ting Wang
		16654	Aggregate-Combine-Readout GNNs Can Express Logical Classifiers Beyond the Logic C2	Stan P Hauke; Przemysław Andrzej Wałęga
		14520	SpatialLogic-Bench: A Diagnostic Benchmark for Task-Oriented Spatiotemporal Reasoning	Xiaoda Yang; Shenzhou Gao; Can Wang; Jiahe Zhang; Menglan Tang; Jingyang Xue; Sheng Liu; Peijian Zhang; Yao Mu; Xiangyu Yue
		26514	Active Learning of Symbolic Automata over Rational Numbers	Sebastian Hagedorn Gaete; Martín Muñoz; Cristian Riveros; Rodrigo Toro Icarte
		18664	TFD-Net: Towards Intelligent Time-Frequency Mode Decomposition with Practical Applications	Pingping Pan; Yunjian Zhang; Jinyi Liu
Friday, Jan 23, 3:00-4:00pm	DMKM: Graph Mining, Social Network	7485	Incremental Maintenance of DatalogMTL Materialisations	Kaiyue Zhao; Dingqi Chen; Shaoyu Wang; Pan Hu
		14869	HISE-KT: Synergizing Heterogeneous Information Networks and LLMs for Explainable Knowledge Tracing with Meta-Path Optimization	Zhiyi Duan; Zixing Shi; Hongyu Yuan; Qi Wang
		29602	Subgraph Encoding with Bicentric Sphere Node Labeling and Pooling for Link Prediction	Zhihong Fang; Shaolin Tan; Qiu Fang; Zhe LI; Qing Gao

Friday, Jan 23, 3:00-4:00pm	Analysis & Community 1 (DMKM) Peridot 206	28421	FairGSE: Fairness-Aware Graph Neural Network Without High False Positive Rates	Zhenqiang Ye; Jinjie Lu; Tianlong Gu; Fengrui Hao; Xuemin Wang
		9274	ArchRAG: Attributed Community-based Hierarchical Retrieval-Augmented Generation	Shu Wang; Yixiang Fang; Yingli Zhou; Xilin Liu; Yuchi Ma
		21834	LLMTM: Benchmarking and Optimizing LLMs for Temporal Motif Analysis in Dynamic Graphs	Bing Hao; Minglai Shao; Zengyi Wo; Yunlong Chu; Yuhang Liu; Ruijie Wang
		14915	Interpretable and Robust Behavior Abstraction via Environment-Disentangled Heterogeneous Graph	Zhibin Ni; Hai Wan; Xibin Zhao
		26297	Towards Provably Secure and Highly Robust Generative Image Steganography Leveraging Latent Diffusion Model	Chengsheng Yuan; Zhaonan Ji; Qi Cui; Zhili Zhou; Xinting Li; Zhihua Xia
		28357	Frequency Mining Empowered by Text Aggregation: A New Perspective on Document Image Tampering Detection	Ziqi Yi; Guitao Xu; Shihang Wu; Peirong Zhang; Lianwen Jin
		24544	Transferable Hypergraph Attack via Injecting Nodes into Pivotal Hyperedges	Meixia He; Peican Zhu; Le Cheng; Yangming Guo; Manman Yuan; Keke Tang
		7109	GlyphShield: Document Watermarking for the Physical World via Vector Typeface Synthesis	Nan Sun; Yuxing Lu; Han Fang; Hefei Ling; Sijing Xie; LuYu Yuan; Chengxin Zhao
		25093	Graph-Semantic Guided Learning for Virtual Immunohistochemistry Staining on Consecutive Histology Sections	Fanhao Qiu; Yangyang Zhang; Zhengxia Wang
		4992	HyperDiag: Temporal-Regional Hypergraph Learning via Topology-Enhanced State Propagation for Brain Disease Diagnosis	Yulan Ma; Fangkun Li; Wenchao Yang; Qian Si; Chenglong Yu; Yang Li
Friday, Jan 23, 4:30-5:30pm	Computer Vision 18 (CV) Garnet 212	23239	MIRA: Evaluating Multimodal AI on Complex Clinical Reasoning in Interventional Radiology	Jingxiong Li; Chenglu Zhu; Sunyi Zheng; Yuxuan Sun; Yifei Wang; He Liu; Yunlong Zhang; Yixuan Si; Lin Yang; Liang Xiao
		14282	Bridging Vision and Language for Robust Context-Aware Surgical Point Tracking: The VL-SurgPT Dataset and Benchmark	Rulin Zhou; Wenlong He; An Wang; Jianhang Zhang; Xuanhui Zeng; Xi Zhang; Chaowei Zhu; Haijun Hu; Hongliang Ren
		7802	MODA: The First Challenging Benchmark for Multispectral Object Detection in Aerial Images	Shuaihao Han; Tingfa Xu; Peifu Liu; Jianan Li
		30371	VideoSeg-R1: Reasoning Video Object Segmentation via Reinforcement Learning	Zishan Xu; Yifu Guo; Yuquan Lu; Fengyu Yang; Junxin Li; Lihua Cai
		7308	SynerDetect: Hierarchical Synergistic Learning for Generalizable AI-Generated Image Detection	Shuaibo Li; Yijun Yang; Zhaohu Xing; Hongqiu Wang; Pengfei Hao; Xingyu Li; Zekai Liu; Qing Zhang; Lei Zhu
		7347	HybridDLA: Hybrid Generation for Document Layout Analysis	Yufan Chen; Omar Moured; Ruiping Liu; Junwei Zheng; Kunyu Peng; Jiaming Zhang; Rainer Stiefelhausen
		8549	Exploring Efficient Open-Vocabulary Segmentation in the Remote Sensing	Bingyu Li; Haocheng Dong; Da Zhang; Zhiyuan Zhao; Hao Sun; Junyu Gao
		6114	Identity-Aware Vision-Language Model for Explainable Face Forgery Detection	Junhao Xu; Jingjing Chen; Yang Jiao; Jiacheng Zhang; Zhiyu Tan; Hao Li; Yu-Gang Jiang
		18178	Oscillation Inversion: Training-Free Image and Video Enhancement Through Oscillated Latents in Large Flow Models	Yan Zheng; Zhenxiao Liang; Xiaoyan Cong; Yi Yang; Lanqing Guo; Yuehao Wang; Peihao Wang; Zhangyang Wang
		22642	Adaptive Piecewise Distillation for Efficient LiDAR Data Generation	Ruibo Li; Xiaofeng Yang; Ze Yang; Jiacheng Wei; Chunyan Miao; Guosheng Lin
Friday, Jan 23, 4:30-5:30pm	Computer Vision 20 (CV) Garnet 214	19239	MGD: Mesh-guided Gaussians with Diffusion Priors for Dynamic Objects Reconstruction from Monocular RGB-D Video	Weixing Xie; Ying Ye; Xian Wu; Jintian Li; Bingchuan Li; Yanchen Lin; Junfeng Yao
		14451	Dynamic Gaussian Scene Reconstruction from Unsynchronized Videos	Zhixin Xu; Hengyu Zhou; Yuan Liu; Wenhan Xue; Hao Pan; Wenping Wang; Bin Wang
		8596	SphereDiff: Tuning-free 360° Static and Dynamic Panorama Generation via Spherical Latent Representation	Minho Park; Taewoong Kang; Jooyeol Yun; Sungwon Hwang; Jaegul Choo
		23173	Good-for-MDP State Reduction for Stochastic LTL Planning	Christoph Weinhuber; Giuseppe De Giacomo; Yong Li; Sven Schewe; Qiye Tang
		29219	Dominance Pruning and Heuristics in Optimal Adversarial Non-Deterministic Planning	Rasmus G. Tollund; Álvaro Torralba
		18598	Constrained and Robust Policy Synthesis with Satisfiability-Modulo-Probabilistic-Model-Checking	Linus Heck; Filip Macák; Milan Česka; Sebastian Junges
		10799	Diverse Human Driving Vehicle Simulation in Background Traffic for Autonomous Driving Tests	Wendi Li; Hao Wu; Han Gao; Bing Mao; Fengyuan Xu; Sheng Zhong
		30271	Probabilistic Hierarchical Goal Network Planning with UCT	David H. Chan; Mark Roberts; Dana S. Nau
		26145	AV-SSAN: Audio-Visual Selective DOA Estimation Through Explicit Multi-Band Semantic-Spatial Alignment	Yu Chen; Hongxu Zhu; Jiadong Wang; Kainan Chen; Xinyuan Qian
Friday, Jan 23, 4:30-5:30pm	ML: Multimodal Learning 3			

Friday, Jan 23, 4:30-5:30pm	(ML) Garnet 216	18593	Text-based Aerial-Ground Person Retrieval	Xinyu Zhou; Yu Wu; Jiayao Ma; Wenhao Wang; Min Cao; Mang Ye
		3551	Logic Unseen: Revealing the Logical Blindspots of Vision-Language Models	Yuchen Zhou; Jiayu Tang; Shuo Yang; Xiaoyan Xiao; Yuqin Dai; Wenhao Yang; Chao Gou; Xiaobo Xia; Tat-Seng Chua
		1048	Robust Integrative Analysis of Multi-omics Datasets via Nuclear-norm Maximization	Meng-Zhu Wang; Yu Zhang; Hongxing Zhang
		1260	DIN: Dual Impulse Network for Multi-view Representation Learning	Yilin Wu; Weihong Lin; Renjie Lin; Zihan Fang; Shide Du; Shiping Wang
		178	Mamba-Driven Multi-View Discriminative Clustering via Global-Local Cross-View Sequence Modeling	Yuanyang Zhang; Xinhang Wan; Chao Zhang; Jie Xu; Cunjian Chen; Tien-Tsin Wong; Li Yao; Yijie Lin
		11358	Deep Incomplete Multi-View Clustering via Hierarchical Imputation and Alignment	Yiming Du; Ziyu Wang; Jian Li; Rui Ning; Lusi Li
		8401	Views Attention Fusion of Granular-ball Fuzzy Representations Split for Improved Multi-view Clustering	Shuaiyu Liu; Song Wu; Jie Xu; Yazhou Ren; Yang Yang; Xiaorong Pu; Guoying Wang
		1643	From Static to Active: Knowledge-Aware Node State Selection in Multi-view Graph Learning	Weiran Liao; Jielong Lu; Yuhong Chen; Shide Du; Hongrong Chen; Shiping Wang
		9910	Deformable Polygonal Flow Matching with Informed Priors and Hierarchical Graph	Arnaud Gueze; Matthieu Ospici; Damien Rohmer; Marie-Paule Cani
		16682	Invariant Conditional Molecular Generation Under Distribution Shift	Chunyu Hu; Tianyin Liao; Yicheng Sui; Ran Zhang; Xiao Wang; Ziwei Zhang
Friday, Jan 23, 4:30-5:30pm	ML: Deep Generative Models & Autoencoders 1 (ML) Garnet 218	23274	Graph-Conditional Flow Matching for Relational Data Generation	Davide Scassola; Sebastiano Saccani; Luca Bortolussi
		8622	VEDA: Generation of 3D Molecules via Variance-Exploding Diffusion with Annealing	Peining Zhang; Jinbo Bi; Minghu Song
		201	Bidirectional Noise Injection: Enhancing Diffusion Models via Coordinated Input-Output Perturbation	Tianyi Zheng; Jiayang Gao; Peng-Tao Jiang; Fengxiang Yang; Ben Wan; Hao Zhang; Jinwei Chen; Jia Wang; Bo Li
		14387	MeshA*: Efficient Path Planning with Motion Primitives	Marat Agranovskiy; Konstantin Yakovlev
		17545	Beyond Single-Step Updates: Reinforcement Learning of Heuristics with Limited-Horizon Search	Gal Hadar; Forest Agostinelli; Shahaf S. Shperberg
		16502	A Parallel CPU-GPU Framework for Batching Heuristic Operations in Depth-First Heuristic Search	Ehsan Futuhi; Nathan R. Sturtevant
		29670	MOTIF: Multi-strategy Optimization via Turn-based Interactive Framework	Nguyen Viet Tuan Kiet; Tung Dao; Cong Dao Tran; Huynh Thi Thanh Binh
		12955	Meta-Black-Box Optimization with Bi-Space Landscape Analysis and Dual-Control Mechanism for SAEA	Yukun Du; Haiyue Yu; Xiaotong Xie; Yan Zheng; Lixin Zhan; Yudong Du; Chongshuang Hu; Boxuan Wang; Jiang Jiang
		4868	SSL-CST: Cell Segmentation for Single-Cell Spatial Transcriptome Based on Self-Supervised Learning	Weiliang Huo; Shilin Zhang; Suixue Wang; Qingchen Zhang
		4264	Gracefully Air-Written: Enhancing the Legibility and Style Consistency of In-Air Handwriting	Yu Liu; Cunrui Wang; Lin Feng; Jianxin Zhang; Bo Lu
Friday, Jan 23, 4:30-5:30pm	Human-AI Interaction 4 (HAI) Opal 105-106	1040	Perceive More with Less: LiDAR Point Cloud Compression at Just Recognizable Distortion for 3D Scene Understanding	Miaohui Wang; Runnan Huang; Taojun Liu; Shuyuan Lin; Ye Liu; Yun Song
		14709	Too Sure for Our Own Good: A User Study on AI Confidence and Human Reliance	Caterina Fregosi; Lucia Vicente; Andrea Campagner; Federico Cabitza
		13194	AR-Nav Benchmark: Augmented Reality Navigation with Vision and Language	Liqi Yan; Yihao Wu; Chenyi Xu; Chao Yang; Jianhui Zhang; Pan Li
		23798	Unreal-MAP: Unreal-Engine-Based General Platform for Multi-agent Reinforcement Learning	Tianyi Hu; Qingxu Fu; Zhiqiang Pu; Yuan Wang; Tenghai Qiu
		13414	iMAD: Intelligent Multi-Agent Debate for Efficient and Accurate LLM Inference	Wei Fan; JinYi Yoon; Bo Ji
		17823	A Graph-Theoretical Perspective on Law Design for Multiagent Systems	Qi Shi; Pavel Naumov
		25868	Concept-RuleNet: Grounded Multi-Agent Neurosymbolic Reasoning in Vision Language Models	Sanchit Sinha; Guangzhi Xiong; Zhenghao He; Aidong Zhang
		11125	Tapas Are Free! Training-Free Adaptation of Programmatic Agents via LLM-Guided Program Synthesis in Dynamic Environments	Jinwei Hu; Yi Dong; Youcheng Sun; Xiaowei Huang
		4963	ToC: Tree-of-Claims Search with Multi-Agent Language Models	Shuyang Yu; Jianan Liang; Hui Hu
		27795	Steering Pretrained Drafters During Speculative Decoding	Frédéric Berdoz; Peer Rheinboldt; Roger Wattenhofer

Friday, Jan 23, 4:30-5:30pm	Natural Language Processing 10 (NLP) Peridot 203	Peridot 202	23656	Scaling LLM Speculative Decoding: Non-Autoregressive Forecasting in Large-Batch Scenarios	Luohe Shi; Zuchao Li; Lefei Zhang; Baoyuan Qi; Guoming Liu; Hai Zhao
			1145	Bridging the Tokenizer Gap: Semantics and Distribution-aware Knowledge Transfer for Unbiased Cross-Tokenizer Distillation	Huazheng Wang; Yongcheng Jing; Haifeng Sun; Jingyu Wang; Jianxin Liao; Leszek Rutkowski; Dacheng Tao
			2469	Importance-Aware Data Selection for Efficient LLM Instruction Tuning	Tingyu Jiang; Shen Li; Yiyao Song; Lan Zhang; Hualei Zhu; Yuan Zhao; Xiaohang Xu; Kenjiro Taura; Hao Henry Wang
			24012	Mitigating Content Effects on Reasoning in Language Models Through Fine-Grained Activation Steering	Marco Valentino; Geonhee Kim; Dhairya Dalal; Zhixue Zhao; André Freitas
			28345	KVmix: Gradient-Based Layer Importance-Aware Mixed-Precision Quantization for KV Cache	Fei Li; Song Liu; Weiguo Wu; Shiqiang Nie; Jinyu Wang
			26690	CP-Router: An Uncertainty-Aware Router Between LLM and LRM	Jiayuan Su; Fulin Lin; Zhaopeng Feng; Han Zheng; Teng Wang; Zhenyu Xiao; Xinlong Zhao; Zuo Zhu Liu; Lu Cheng; Hongwei Wang
			18604	Expert-Guided Prompting and Retrieval-Augmented Generation for Emergency Medical Service Question Answering	Xueren Ge; Sahil Murtaza; Anthony Cortez; Homa Alemzadeh
			17998	FineRef: Fine-Grained Error Reflection and Correction for Long-Form Generation with Citations	Yixing Peng; Licheng Zhang; Shancheng Fang; Yi Liu; Peijian Gu; Quan Wang
			22650	Automata-less Monitoring via Trace-Checking	Andrea Brunello; Luca Geatti; Angelo Montanari; Nicola Saccomanno
			22942	Robust Lazy Conflict Detection via Multi-Conflict Extraction and Genetic Diversity Control	Viet-Man Le; Lukas André Feldgrill; Alexander Felfernig
Friday, Jan 23, 4:30-5:30pm	Knowledge Representation & Reasoning 4 (KRR) Peridot 204		1234	HierSearch: A Hierarchical Enterprise Deep Search Framework Integrating Local and Web Searches	Jiejun Tan; Zhicheng Dou; Yan Yu; Jiehan Cheng; Lifeng Liu; Jian Xie; Jirong Wen
			18051	Computing Syntax Tree-based Minimal Unsatisfiable Cores of LTLf Formulas	Valeria Fionda; Antonio Ielo; Francesco Ricca
			7352	Encode Geometric Diagram as Geo-Graph in Geometry Problem Solving	Wenjun Wu; Lingling Zhang; Bo Zhao; Bo Li; Xinyu Zhang; Yaqiang Wu
			28910	Beyond Single Transactions: D-EMAML---Dual-Edge Motif Neural Networks for Enhanced Anti-Money Laundering Detection	Dongmei Han; Min Min; Yuchen Wang; Guoming Xu; Xiaofeng Zhou
			21133	LMGL-WD: LLM-Guided Multi-Task Graph Learning for Category-Level Warehouse Demand Prediction in E-Commerce	Wenjun Lyu; Fangyu Li; Yudong Zhang; Shuai Wang; Yunhuai Liu; Tian He; Desheng Zhang
			18403	SEQRET: Mining Rule Sets from Event Sequences	Aleena Siji; Joscha Cüppers; Osman Mian; Jilles Vreeken
			26127	Towards Synthesizing High-Dimensional Tabular Data with Limited Samples	Zuqing Li; Junhao Gan; Jianzhong Qi
			8905	RABot: Reinforcement-Guided Graph Augmentation for Imbalanced and Noisy Social Bot Detection	Longlong Zhang; Xi Wang; Haotong Du; Yangyi Xu; Zhuo Liu; Yang Liu
			12098	MSAnchor: De Novo Molecular Generation from Mass Spectrometry Data with Anchor-Extended Molecular Scaffolds	Xiaohan Qin; Chao Wang; Zhengyang Zhou; Linjiang Chen; Wenjie Du; Yang Wang
			1560	SculptDrug: A Spatial Condition-Aware Bayesian Flow Model for Structure-based Drug Design	Qingsong Zhong; Haomin Yu; Yan Lin; Wangmeng Shen; Long Zeng; Jilin Hu
Friday, Jan 23, 4:30-5:30pm	APP: Natural Sciences 3 (APP) Tourmaline 207-209		25342	HSA-Net: Hierarchical and Structure-Aware Framework for Efficient and Scalable Molecular Language Modeling	Zihang Shao; Wentao Lei; Lei Wang; Wen-Cai Ye; Li Liu
			19250	MergeDNA: Context-Aware Genome Modeling with Dynamic Tokenization Through Token Merging	Siyuan Li; Kai Yu; Anna Wang; Zicheng Liu; Chang Yu; Jingbo Zhou; Qirong Yang; Yucheng Guo; Xiaoming Zhang; Stan Z. Li
			26949	GenePheno: Interpretable Gene Knockout-Induced Phenotype Abnormality Prediction from Gene Sequences	Jingquan Yan; Yuwei Miao; Lei Yu; Yuzhi Guo; Xue Xiao; Lin Xu; Junzhou Huang
			4467	Rethinking Rainy 3D Scene Reconstruction via Perspective Transforming and Brightness Tuning	Qianfeng Yang; Xiang Chen; Pengpeng Li; Qiyuan Guan; Guiyue Jin; Ji Yu Jin
			26906	VALIANT: Prompt Instability for Active Learning in Black-Box Medical Imaging	Dwarikanath Mahapatra; Behzad Bozorgtabar; Sudipta Roy; Imran Razzak; Mauricio Reyes
			7080	FourierPET: Deep Fourier-based Unrolled Network for Low-count PET Reconstruction	Zheng Zhang; Hao Tang; Yingying Hu; Zhanli Hu; Jing Qin
			12737	O-DisCo-Edit: Object Distortion Control for Unified Realistic Video Editing	Yuqing Chen; Junjie Wang; Lin Liu; Ruihang Chu; Xiaopeng Zhang; Qi Tian; Yujiu Yang
			13484	SpaCRD: Multimodal Deep Fusion of Histology and Spatial Transcriptomics for Cancer Region Detection	Shuailin Xue; Jun Wan; Lihua Zhang; Wenwen Min
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Saturday, Jan 24, 9:30-10:30am	CV: Diffusion Models for Vision 1 (CV) Garnet 213	18973	SpecDiff: Accelerating Diffusion Model Inference with Self-Speculation	Jiayi Pan; Jiaming Xu; Yongkang Zhou; Guohao Dai
		3052	Insert Anything: Image Insertion via In-Context Editing in DiT	Wensong Song; Hong Jiang; Zongxin Yang; Zheqiao Cheng; Ruijie Quan; Yi Yang
		12802	DEIG: Detail-Enhanced Instance Generation with Fine-Grained Semantic Control	Shiyan Du; Conghan Yue; Xinyu Cheng; Dongyu Zhang
		11617	AEDR: Training-Free AI-Generated Image Attribution via Autoencoder Double-	Chao Wang; Zijin Yang; Yaofei Wang; Weiming Zhang; Kejiang Chen
		20625	RMLer: Synthesizing Novel Objects Across Diverse Categories via Reinforcement Mixing Learning	Jun Li; Zikun Chen; Haibo Chen; Shuo Chen; Jian Yang
Saturday, Jan 24, 9:30-10:30am	CV: Low Level & Physics-based Vision 2 (CV) Garnet 214	2923	DR.Experts: Differential Refinement of Distortion-Aware Experts for Blind Image Quality	Bohan Fu; Guanyi Qin; Fazhan Zhang; Zihao Huang; Mingxuan Li; Runze Hu
		10166	RAW-Flow: Advancing RGB-to-RAW Image Reconstruction with Deterministic Latent Flow Matching	Zhen Liu; Diedong Feng; Hai Jiang; Liaoyuan Zeng; Hao Wang; Chaoyu Feng; Lei Lei; Bing Zeng; Shuaicheng Liu
		15062	Video Mirror Detection with the Motion-in-Depth Cue	Alex Warren; Ke Xu; Xin Tian; Gary K. L. Tam; Benjamin W. Wah; Rynson W. H. Lau
		11658	RealRep: Generalized SDR-to-HDR Conversion via Attribute-Disentangled Representation	Li Xu; Siqi Wang; Kepeng Xu; Lin Zhang; Gang He; Weiran Wang; Yu-Wing Tai
		3034	DMGINE: Day-Memory Guided Nighttime Image Enhancement for Dynamic Traffic Scenes	Ruizhou Liu; Zhe Wu; Zimo Liu; Qingfang Zheng; Qingming Huang
Saturday, Jan 24, 9:30-10:30am	CV: Image and Video Retrieval 2 (CV) Garnet 215	25958	Unlearning in Cross-Modal Retrieval via Prior-Prototype Guided Partitioned Dampening	Yi Lu; Shu Li; Yurong Qian
		3005	D ² -VPR: A Parameter-efficient Visual-foundation-model-based Visual Place Recognition Method via Knowledge Distillation and Deformable Aggregation	Zheyuan Zhang; Jiwei Zhang; Boyu Zhou; Linzhimeng Duan; Hong Chen
		561	EAGLE: Episodic Appearance- and Geometry-aware Memory for Unified 2D-3D Visual Query Localization in Egocentric Vision	Yifei Cao; Yu Liu; Guolong Wang; Zhu Liu; Kai Wang; Xianjie Zhang; Jizhe Yu; Xun Tu
		7713	Meta-Guided Sample Reweighting for Robust Cross-Modal Hashing Retrieval with Noisy Labels	Ziang Tan; Weitao An; Erkun Yang
		21965	A Theory-Inspired Framework for Few-Shot Cross-Modal Sketch Person Re-Identification	Yunpeng Gong; Yongjie Hou; Jiangming Shi; Kim Long Diep; Min Jiang
Saturday, Jan 24, 9:30-10:30am	Machine Learning 9 (ML) Garnet 216	21905	Post Training Quantization for Efficient Dataset Condensation	Linh-Tam Tran; Sung-Ho Bae
		15154	S2-Boost: Synergistic Semantic Boosting for Coarse-to-Fine Ensemble Learning	Guanxiong He; Zheng Wang; Jie Wang; Liaoyuan Tang; Rong Wang; Feiping Nie
		16813	Beyond Missing Data Imputation: Information-Theoretic Coupling of Missingness and Class Imbalance for Optimal Irregular Time Series Classification	Xin Qin; Mengna Liu; Wenjie Wang; Shuxin Li; Tianjiao Li; Xiufeng Liu; Xu Cheng
		11098	Is the Information Bottleneck Robust Enough? Towards Label-Noise Resistant Information Bottleneck Learning	Yi Huang; Qingyun Sun; Yisen Gao; Haonan Yuan; Xingcheng Fu; Jianxin Li
		12754	Binary Split Categorical Feature with Mean Absolute Error Criteria in CART	Peng Yu; Yike Chen; Chao Xu; Albert Bifet; Jesse Read
Saturday, Jan 24, 9:30-10:30am	ML: Time-Series/Data Streams 3 (ML) Garnet 217	21365	CometNet: Contextual Motif-guided Long-term Time Series Forecasting	Weixu Wang; Xiaobo Zhou; Xin Qiao; Lei Wang; Tie Qiu
		19679	Sonnet: Spectral Operator Neural Network for Multivariable Time Series Forecasting	Yuxuan Shu; Vasileios Lamos
		8358	State-Derivative-Aware Neural Controlled Differential Equations for Multivariate Time Series Anomaly Detection and Diagnosis	Xin Sun; Heng Zhou; Yuhao Wu; Chao Li
		15305	METP: Multi-Granularity Integration of External Covariates for Temporal Point Processes	Boyang Li; Lingzheng Zhang; Fuguee Tsung; Xi Zhang
		8895	IdealTSF: Can Non-Ideal Data Contribute to Enhancing the Performance of Time Series Forecasting Models?	Hua Wang; Jinghao Lu; Fan Zhang
Saturday, Jan 24, 9:30-10:30am	Machine Learning 10 (ML) Garnet 218	8230	Cross-View Progressive Feature Filtering for Multi-View Graph Clustering in Remote Sensing	Bowen Liu; Xin Peng; Wenxuan Tu; Chengyao Wei; Xiangyan Tang; Jieren Cheng; Miao Yu
		15828	Connectivity-Guided Sparsification of 2-FWL GNNs: Preserving Full Expressivity with Improved Efficiency	Rongqin Chen; Fan Mo; Pak Lon Ip; Shenghui Zhang; Dan Wu; Ye Li; Leong Hou U
		13071	Vision-Language Models Guided Graph Concept Reasoning for Interpretable Diabetic Retinopathy Diagnosis	Qihao Xu; Xiaoling Luo; Yuxin Lin; Chengliang Liu; Yongting Hu; Jinkai Li; Xinheng Lyu; Yong Xu
		15007	UniME-V2: MLLM-as-a-Judge for Universal Multimodal Embedding Learning	Tiancheng Gu; Kaicheng Yang; Kaichen Zhang; Xiang An; Ziyong Feng; Yueyi Zhang; Weidong Cai; Jiankang Deng; Lidong Bing

		11578	Shedding the Facades, Connecting the Domains: Detecting Shifting Multimodal Hate Video with Test-Time Adaptation	Jiao Li; Jian Lang; Xikai Tang; Wenzheng Shu; Ting Zhong; Qiang Gao; Yong Wang; Leiting Chen; Fan Zhou
Saturday, Jan 24, 9:30-10:30am	Machine Learning 11 (ML) Garnet 219	19653	On the Learning Dynamics of Two-layer Linear Networks with Label Noise SGD	Tongcheng Zhang; Zhanpeng Zhou; Mingze Wang; Andi Han; Wei Huang; Taiji Suzuki; Junchi Yan
		26757	NADIR: Differential Attention Flow for Non-Autoregressive Transliteration in Indic Languages	Lakshya Tomar; Vinayak Abrol; Puneet Agarwal
		8707	DuGI-MAE: Improving Infrared Mask Autoencoders via Dual-Domain Guidance	Yinghui Xing; Xiaoting Su; Shizhou Zhang; Donghao Chu; Di Xu
		81	WaveFormer: Frequency-Time Decoupled Vision Modeling with Wave Equation	Zishan Shu; Juntong Wu; Wei Yan; Xudong Liu; Hongyu Zhang; Chang Liu; Youdong Mao; Jie Chen
Saturday, Jan 24, 9:30-10:30am	Game Theory and Economic Paradigms 2 (GTEP) Opal 105-106	10062	Repetition Makes Perfect: Recurrent Graph Neural Networks Match Message Passing Limit	Eran Rosenbluth; Martin Grohe
		17046	Minimizing Inequity in Facility Location Games	Yuhang Guo; Houyu Zhou
		26087	Structural Approach to Guiding a Present-Biased Agent	Tatiana Belova; Yuriy Dementiev; Artur Ignatiev; Danil Sagunov
		29429	Group Fair Matchings Using Convex Cost Functions	Atasi Panda; Harsh Sharma; Anand Louis; Prajakta Nimbhorkar
Saturday, Jan 24, 9:30-10:30am	Multi-Agent Systems 2 (MAS) Peridot 201	18907	Fair Diffusion Auctions	Zixin Gu; Yaoxin Ge; Yao Zhang; Dengji Zhao
		28149	Optimally Auditing Adversarial Agents	Sanmay Das; Fang-Yi Yu; Yuang Zhang
		11608	MPAS: Breaking Sequential Constraints of Multi-Agent Communication Topologies via Individual-Epistemic Message Propagation	Jingxuan Yu; Ju Jia; Simeng Qin; Xiaojun Jia; Siqi Ma; Yihao Huang; Yali Yuan; Guang Cheng
		16022	StyleTailor: Towards Personalized Fashion Styling via Hierarchical Negative Feedback	Hongbo Ma; Fei Shen; Hongbin Xu; Xiaoce Wang; Gang Xu; Jinkai Zheng; Liangqiong Qu; Ming Li
Saturday, Jan 24, 9:30-10:30am	Natural Language Processing 11 (NLP) Peridot 202	27053	Mental Model-based Generation of Lies for Insider Threat Modeling	Brittany Cates; Sarath Sreedharan
		20442	Equilibrium-Driven Vertical Federated Learning with Selective Privacy Protection	Yuanzhe Peng; Wenwei Zhao; Zhuo Lu; Jie Xu
		12583	GDBA Revisited: Unleashing the Power of Guided Local Search for Distributed Constraint Optimization	Yanchen Deng; Xinrun Wang; Bo An
		7987	Say More with Less: Variable-Frame-Rate Speech Tokenization via Adaptive Clustering and Implicit Duration Coding	Rui-Chen Zheng; Wenrui Liu; Hui-Peng Du; Qinglin Zhang; Chong Deng; Qian Chen; Wen Wang; Yang Ai; Zhen-Hua Ling
Saturday, Jan 24, 9:30-10:30am	NLP: Conversational AI/Dialog Systems 1 (NLP) Peridot 203	17485	Ghost in the Transformer: Detecting Model Reuse with Invariant Spectral Signatures	Suqing Wang; Ziyang Ma; Li Xinyi; Zuchao Li
		22253	USE: A Unified Model for Universal Sound Separation and Extraction	Hongyu Wang; Chenda Li; Xin Zhou; Shuai Wang; Yanmin Qian
		26010	Rethinking Flow and Diffusion Bridge Models for Speech Enhancement	Dahan Wang; Jun Gao; Tong Lei; Yuxiang Hu; Changbao Zhu; Kai Chen; Jing Lu
		8941	Audio-Thinker: Guiding Large Audio Language Model When and How to Think via Reinforcement Learning	Shu Wu; Chenxing Li; Wenfu Wang; Hao Zhang; Hualei Wang; Meng Yu; Dong Yu
Saturday, Jan 24, 9:30-10:30am	Constraint Satisfaction & Optimization 1 (CSO) Peridot 204	26041	SACodec: Asymmetric Quantization with Semantic Anchoring for Low-Bitrate High-Fidelity Neural Speech Codecs	Zhongren Dong; Bin Wang; Jing Han; Haotian Guo; Xiaojun Mo; Yimin Cao; Zixing Zhang
		18412	Speech Recognition Model Improves Text-to-Speech Synthesis Using Fine-Grained Reward	Guansu Wang; Peijie Sun
		18997	Mem-PAL: Towards Memory-based Personalized Dialogue Assistants for Long-term User-Agent Interaction	Zhaopei Huang; Qifeng Dai; Guozheng Wu; Xiaopeng Wu; Xubin Li; Tiezheng Ge; Wenxuan Wang; Qin Jin
		24287	Whispering Agents: A Event-Driven Covert Communication Protocol for the Internet of Agents	Kaibo Huang; Yukun Wei; Wansheng Wu; Tianhua Zhang; Zhongliang Yang; Linna Zhou
Saturday, Jan 24, 9:30-10:30am		29274	MemGuide: Intent-Driven Memory Selection for Goal-Oriented Multi-Session LLM Agents	Yiming Du; Bingbing Wang; Yang He; Bin Liang; Baojun Wang; Zhongyang Li; Lin Gui; Jeff Z. Pan; Ruifeng Xu; Kam-Fai Wong
		28257	Constrained Molecule Generation Modelled Using the Grammar Constraint	David Saikali; Gilles Pesant
		27338	Efficient and Reliable Hitting-Set Computations for the Implicit Hitting Set Approach	Hannes Ihalaenen; Dieter Vandesande; André Schidler; Jeremias Berg; Bart Bogaerts; Matti Järvisalo
		23958	Using Constraint Solvers to Construct Binary Codes with Good Error Correction Performance	Stepan Kochemazov; Oleg Zaikin; Grigori Trofimiuk; Kirill Antonov; Alexander Semenov
Saturday, Jan 24, 9:30-10:30am		19221	A GPU-based Constraint Programming Solver	Pierre Talbot
		23132	Aperiodic Tiling and Rhythmic Canons: A CP Journey	Guillaume Derval; Christophe Lecoutre

Saturday, Jan 24, 9:30-10:30am	DMKM: Recommender Systems 3 (DMKM) Peridot 206	4754	IdeFN: Identifying Unclicked Space False Negatives via Relaxed Partial Optimal Transport for Conversion Rate Prediction	Weiyi Zhong; Weiming Liu; Lianyong Qi; Xiaoran Zhao; Xiaolong Xu; Haolong Xiang; Yang Cao; Shichao Pei; Qiang Ni
		11934	CAFU: Constrained Alignment and Filtered Uniformity for Denoising Recommendation	Xinzhe Jiang; Lei Sang; Yi Zhang; Kaibin Wang; Yiwen Zhang
		18203	Potent but Stealthy: Rethink Profile Pollution Against Sequential Recommendation via Bi-Level Constrained Reinforcement Paradigm	Jiajie Su; Zihan Nan; Yunshan Ma; Xiaobo Xia; XiaoHua Feng; Weiming Liu; Xiang Chen; Xiaolin Zheng; Chaochao Chen
		6516	Unbiased Rectification for Sequential Recommender Systems Under Fake Orders	Qiyu Qin; Yichen Li; Haozhao Wang; Cheng Wang; Rui Zhang; Ruixuan Li
		25673	Unified Minimax Optimization Framework for Propensity Score Estimation in Debiased Recommendation	Chunyu Zhang; Haocheng Yang; Jinkun Chen; Shufeng Zhang; Tianyu Xia
Saturday, Jan 24, 9:30-10:30am	APP: Humanities & Computational Social Science 1 (APP) Tourmaline 207-209	29745	Benchmarking LLMs for Political Science: A United Nations Perspective	Yueqing Liang; Liangwei Yang; Chen Wang; Congying Xia; Rui Meng; Xiong Xiao Xu; Haoran Wang; Ali Payani; Kai Shu
		22462	FreeAskWorld: An Interactive and Closed-Loop Simulator for Human-Centric Embodied AI	Yuhang Peng; Yizhou Pan; Xinning He; Jihaoyu Yang; Xinyu Yin; Han Wang; Xiaoji Zheng; Chao Gao; Jiangtao Gong
		19068	Learning from Long-Term Engagement: Adaptive Tutoring Dialogue Planning for Personalized Education	Zhiang Dong; Zhenlong Dai; Xiangwei Lv; Jingyuan Chen
		2157	Directing Uncertainty-Aware Information Flow for Robust Diffusion Prediction	Weikang He; Yunpeng Xiao; Mengyang Huang; Xuemei Mou; Rong Wang; Qian Li
		12931	From Stimuli to Minds: Enhancing Psychological Reasoning in LLMs via Bilateral Reinforcement Learning	Yichao Feng; Haoran Luo; Lang Feng; Shuai Zhao; Anh Tuan Luu
Saturday, Jan 24, 11:00am-12:00pm	CV: Biometrics, Face, Gesture & Pose 1 (CV) Garnet 212	4001	LSAP-PV: High-Fidelity Palm Vein Image Synthesis via Layered Spectral Absorption Projection-Guided Diffusion Model	Sheng Shang; Chenglong Zhao; Ruixin Zhang; Jianlong Jin; Jingyun Zhang; Jun Wang; Yang Zhao; Shouhong Ding; Wei Jia
		12093	PA-FAS: Towards Interpretable and Generalizable Multimodal Face Anti-Spoofing via Path-Augmented Reinforcement Learning	Yingjie Ma; Xun Lin; Yong Xu; Weicheng Xie; Zitong Yu
		8628	DiffusionPose: Markov-Optimized Diffusion Model for Human Pose Estimation	Zhigang Wang; Zhenguang Liu; Shaojing Fan; Sifan Wu; Yingying Jiao
		15023	Learning Topology-Aware Dynamic Associations for Robust Multi-Person Pose Estimation	Shengnan Hu; Yandong Liu; Jiangnan Liu; Yahong Chen
		7406	Beyond Predictive Resampling: Learning Input-Agnostic Downsampling for Efficient Aligned Vision Recognition	Kai Zhao; Liting Ruan; Haoran Jiang; Xiaoqiang Zhu; Xianchao Zhang; Dan Zeng
Saturday, Jan 24, 11:00am-12:00pm	Computer Vision 22 (CV) Garnet 213	15766	AbductiveMLLM: Boosting Visual Abductive Reasoning Within MLLMs	Boyu Chang; Qi Wang; Xi Guo; Zhixiong Nan; Yazhou Yao; Tianfei Zhou
		6305	Rethinking Target Label Conditioning in Adversarial Attacks: A 2D Tensor-Guided Generative Approach	Hangyu Liu; Bo Peng; Pengxiang Ding; Donglin Wang
		11369	Vision-Only Gaussian Splatting for Collaborative Semantic Occupancy Prediction	Cheng Chen; Hao Huang; Saurabh Bagchi
		1723	Sparse3DPR: Training-Free 3D Hierarchical Scene Parsing and Task-Adaptive Subgraph Reasoning from Sparse RGB Views	Haida Feng; Hao Wei; Zewen Xu; Haolin Wang; Chade Li; Yihong Wu
		3947	Fair Domain Generalization: An Information-Theoretic View	Tangzheng Lian; Guanyu Hu; Dimitrios Kollias; Xinyu Yang; Oya Celiktutan
Saturday, Jan 24, 11:00am-12:00pm	Computer Vision 23 (CV) Garnet 214	11657	Hierarchical Prompt Learning for Image- and Text-Based Person Re-Identification	Linhan Zhou; Shuang Li; Neng Dong; Yonghang Tai; Yafei Zhang; Huafeng Li
		7229	Graph Smoothing for Enhanced Local Geometry Learning in Point Cloud Analysis	Shangbo Yuan; Jie Xu; Ping Hu; Xiaofeng Zhu; Na Zhao
		28275	State-Space Hierarchical Compression with Gated Attention and Learnable Sampling for Hour-Long Video Understanding in Large Multimodal Models	Geewook Kim; Minjoon Seo
		16858	Appearance Discrepancy-guided Sequence Hybrid Masking for Robust Scene Text Recognition	Shihao Zou; Wei Wei; Leyang Xu; Kaihe Xu; Wenfeng Xie
		3339	Unveiling the Fragility of Vision-Language Models: Multi-Modal Adversarial Synergy via Texture-Constrained Perturbations and Cross-Modal Optimization	Xiang Fang; Wanlong Fang; Changshuo Wang
Saturday, Jan 24, 11:00am-12:00pm	CV: Diffusion Models for Vision 2 (CV) Garnet 215	16528	An Adaptive Sampling Framework for Diffusion-based Dataset Distillation with High Fidelity and Diversity	Sunbeom Jeong; Sehwan Kim; Hyeonggeun Han; Hyungjun Joo; Sangwoo Hong; Jungwoo Lee
		29120	DICE: Distilling Classifier-Free Guidance into Text Embeddings	Zhenyu Zhou; Defang Chen; Can Wang; Chun Chen; Siwei Lyu
		15679	Rectified Noise: A Generative Model Using Positive-incentive Noise	Zhenyu Gu; Yanchen Xu; Sida Huang; Yubin Guo; Hongyuan Zhang

Saturday, Jan 24, 11:00am-12:00pm	Machine Learning 12 (ML) Garnet 216	2731	MotionCharacter: Fine-Grained Motion Controllable Human Video Generation	Haopeng Fang; Di Qiu; Binjie Mao; He Tang
		19273	Rethinking Direct Preference Optimization in Diffusion Models	Junyong Kang; Seohyun Lim; Kyungjune Baek; Hyunjung Shim
		10223	Perceiving the Knowledge Boundary: Uncertainty-Guided Exploration and Imagination for World Models	Zhenxian Liu; Peixi Peng; Yangru Huang; Yonghong Tian
		22430	Fair Model-based Clustering	Jinwon Park; Kunwoong Kim; Jihu Lee; Yongdai Kim
		9301	Fairness Aware Reinforcement Learning via Proximal Policy Optimization	Gabriele La Malfa; Jie M. Zhang; Michael Luck; Elizabeth Black
		9312	Fairness-Aware Design for Contextual Experiments: Guaranteeing Reliability and Equity in Heterogeneous Subgroups	Guangyan Gan; Ling Zhang; Yanhua Cheng; Yongxiang Tang; Kaiyuan Li; Xialong Liu; Peng Jiang
		24604	Linear Time Algorithms for Individually Fair k-means via Multi-Swap Local Search	Beirong Cui; Qilong Feng; Junyu Huang
		13026	Graph Domain Adaptation via Homophily-Agnostic Reconstructing Structure	Ruiyi Fang; Shuo Wang; Ruizhi Pu; QIUHAO Zeng; Hao Zheng; Ziyang Wang; Jiale Cai; Zhimin Mei; Song Tang; Charles Ling; Boyu Wang
		24546	Inverse Optimal Transport for Efficient Adaptation of Vision-Language Models	Shupeng Qiu; Chuan-Xian Ren
		26990	LILAD: Learning In-context Lyapunov-stable Adaptive Dynamics Models	Amit Jena; Na Li; Le Xie
Saturday, Jan 24, 11:00am-12:00pm	ML: Transfer, Domain Adaptation, Multi-Task Learning 1 (ML) Garnet 217	12147	Prototype-Based Semantic Consistency Alignment for Domain Adaptive Retrieval	Tianle Hu; Weijun Lv; Na Han; Xiaozhao Fang; Jie Wen; Jiaying Li; Guoxu Zhou
		27669	Beyond Adapter Retrieval: Latent Geometry-Preserving Composition via Sparse Task Projection	Pengfei Jin; Peng Shu; Sifan Song; Sekeun Kim; Qing Xiao; Cheng Chen; Tianming Liu; Xiang Li; Quanzheng Li
		30202	Generalization Bounds for Semi-supervised Matrix Completion with Distributional Side Information	Antoine Ledent; Soo Mun Chong; Nong Minh Hieu
		6702	Breaking the Stealth-Potency Trade-off in Clean-Image Backdoors with Generative Trigger Optimization	Binyan Xu; Fan Yang; Di Tang; Xilin Dai; Kehuan Zhang
		7010	TVChain: Leveraging Textual-Visual Prompt Chains for Jailbreaking Large Vision-Language Models	Hao Yu; Ke Liang; Junxian Duan; Jun Wang; Siwei Wang; Chuan Ma; Xinwang Liu
		921	Rademacher Complexity for Distributionally Robust Learning	Zhengyu Zhou; Weiwei Liu
		10316	AT-Field: Rethinking the Games in Adversarial Training	Yixiao Xu; Mohan Li; Zhijie Shen; Yuan Liu; Zhihong Tian
		12266	OPTION: An Online Pricing Strategy for Asynchronous Federated Learning Against Free-Riding Attacks	Bangqi Pan; Jianfeng Lu; Shuqin Cao; Xiao Zhang; Gang Li; Guanghui Wen
		5406	ParaDySe: A Parallel Strategy Switching Framework for Dynamic Sequences in Transformer-based Large Language Models	Zhixin Ou; Peng Liang; Linbo Qiao; Jianchen Han; Baihui Liu
		1170	Federated Vision-Language-Recommendation with Personalized Fusion	Zhiwei Li; Guodong Long; Jing Jiang; Chengqi Zhang; Qiang Yang
Saturday, Jan 24, 11:00am-12:00pm	GTEP: Fair Division 1 (GTEP) Opal 105-106	17257	FedBRICK: Structural Bias Aware Heterogeneous Foundation Model Federated Tuning	Yuhang Zhang; Xianda Wang; Wei Sun; Jiaxuan Chen; Fangxin Wang
		27686	MDBench: Benchmarking Data-Driven Methods for Model Discovery	Amirmohammad Ziaei Bideh; Aleksandra Georgievska; Jonathan Gryak
		22162	Position Fair Mechanisms Allocating Indivisible Goods	Ryoga Mahara; Ryuhei Mizutani; Taihei Oki; Tomohiko Yokoyama
		27528	Computing Approximately Proportional Allocations of Indivisible Goods: Beyond Additive and Monotone Valuations	Martin Jupakkal Andersen; Ioannis Caragiannis; Anders Bo Ipsen; Alexander Søltøft
		16801	Fair and Efficient Balanced Allocation for Indivisible Goods	Yasushi Kawase; Ryoga Mahara
		25019	EFX and PO Allocation Exists for Two Types of Goods	Vladimir Davidiuk; Yuriy Dementiev; Artur Ignatiev; Danil Sagunov
		20224	Fair Division Among Couples and Small Groups	Paul Gözl; Hannane Yaghoubzade
		28658	Truncated Counterfactual Learning for Anytime Multi-Agent Path Finding	Thomy Phan; Shao-Hung Chan; Sven Koenig
		4800	Counterfactual Planning for Generalizable Agents' Actions	Jiarun Fu; Lizhong Ding; Qiuning Wei; Yuhang Guo; Yurong Cheng; Junyu Zhang
		26631	Towards Effective Offensive Security LLM Agents: Hyperparameter Tuning, LLM as a Judge, and a Lightweight CTF Benchmark	Minghao Shao; Nanda Rani; Kimberly Milner; Haoran Xi; Meet Udeshi; Saksham Aggarwal; Venkata Sai Charan Putrevu; Sandeep K. Shukla; Prashanth Krishnamurthy; Farshad Khorrami; Ramesh Karri; Muhammad Shafique

Saturday, Jan 24, 11:00am-12:00pm	Natural Language Processing 12 (NLP) Peridot 202	24048	BAMAS: Structuring Budget-Aware Multi-Agent Systems	Liming Yang; Junyu Luo; Xuanzhe Liu; Yiling Lou; Zhenpeng Chen
		21682	GRIP: Latent Field-Guided Graph Policy for Budget-Constrained Multi-Agent Routing	Yujiao Hu; Zuyu Chen; MengJie Lee; Jinchao Chen; Meng Shen; Hailun Zhang; Wei Li; Yan Pan
		17712	UniCUE: Unified Recognition and Generation Framework for Chinese Cued Speech Video-to-Speech Generation	Jinting Wang; Shan Yang; Chenxing Li; Dong Yu; Li Liu
		10020	Navigating Through Paper Flood: Advancing LLM-Based Paper Evaluation Through Domain-Aware Retrieval and Latent Reasoning	Wuqiang Zheng; Yiyan Xu; Xinyu Lin; Chongming Gao; Wenjie Wang; Fuli Feng
		12637	Uncovering and Mitigating Transient Blindness in Multimodal Model Editing	XiaoQi Han; Ru Li; Ran Yi; Hongye Tan; Zhuomin Liang; Victor Gutierrez Basulto; Jeff Z. Andong Li; Tong Lei; Lingling Dai; Kai Li; Rilin Chen; Meng Yu; Xiaodong Li; Dong Yu; Chengshi Zheng
Saturday, Jan 24, 11:00am-12:00pm	Natural Language Processing 13 (NLP) Peridot 203	29324	DegVoC: Revisiting Neural Vocoder from a Degradation Perspective	Zhanghao Hu; Qinglin Zhu; Siya Qi; Yulan He; Hanqi Yan; Lin Gui
		20395	Beyond Perplexity: Let the Reader Select Retrieval Summaries via Spectrum Projection Score	Qiuyu Zhu; Liang Zhang; Qianxiong Xu; Cheng Long; Jie Zhang
		22093	SubGCache: Accelerating Graph-based RAG with Subgraph-level KV Cache	Qiang Hu; Jin Wen; Yao Zhang; Maxime Cordy; Yongqiang Lyu
		11726	On the Evaluation of Capability Estimation Methods for Large Language Models	Giacomo Frisoni; Lorenzo Molfetta; Mattia Buzzoni; Gianluca Moro
		25575	Graph-of-Mark: Promote Spatial Reasoning in Multimodal Language Models with Graph-Based Visual Prompting	Zhetao Xu; Xiaohua Wan; Le Li; Shuang Feng; Yiming Zhang; Fa Zhang; Bin Hu
Saturday, Jan 24, 11:00am-12:00pm	Constraint Satisfaction & Optimization 2 (CSO) Peridot 204	7938	ST-LLM: Spatial Transcriptomics Embedding with Large Language Models	Saaduddin Mahmud; Mason Nakamura; Kyle Hollins Wray; Shlomo Zilberstein
		28824	Inference-Aware Prompt Optimization for Aligning Black-Box Large Language Models	Brendan Juba; Kuldeep S. Meel
		20113	The Limitations and Power of NP-Oracle Based Functional Synthesis Techniques	Yang Zhang; Hongbo Li
		2648	Right Branches Matter in Failure-based Variable Ordering Heuristics	Kaijie Xu; Fandi Meng; Clark Verbrugge; Simon Mark Lucas
		7849	CSP4SDG: Constraint and Information-Theory Based Role Identification in Social Deduction Games with LLM-Enhanced Inference	Olaf Beyersdorff; Tim Hoffmann; Kaspar Kasche
Saturday, Jan 24, 11:00am-12:00pm	Data Mining and Knowledge Management 5 (DMKM) Peridot 206	20230	Proof Systems That Tightly Characterise Model Counting Algorithms	Long-Hin Fung; Che Cheng; Jie-Hong Roland Jiang; Friedrich Slivovsky; Tony Tan
		26893	Model Counting for Dependency Quantified Boolean Formulas	Jiawei Sheng; Taoyu Su; Weiyi Yang; Linghui Wang; Yongxiu Xu; Tingwen Liu
		8273	Information-Theoretic Minimal Sufficient Representation for Multi-Domain Knowledge Graph Completion	Yimei Zhang; Guojiang Shen; Kaili Ning; Tongwei Ren; Xuebo Qiu; Mengmeng Wang; Xiangjie Kong
		13360	Improving Region Representation Learning from Urban Imagery with Noisy Long-Caption Supervision	Yu Liu; Xixun Lin; Yanmin Shang; Yangxi Li; Shi Wang; Yanan Cao
		7854	PathMind: A Retrieve-Prioritize-Reason Framework for Knowledge Graph Reasoning with Large Language Models	Zhiqiang Liu; Yin Hua; Mingyang Chen; Yichi Zhang; Zhuo Chen; Lei Liang; Wen Zhang
Saturday, Jan 24, 11:00am-12:00pm	APP: Other Applications 1 (APP) Tourmaline 207-209	9835	UniHR: Hierarchical Representation Learning for Unified Knowledge Graph Link Prediction	Jilong Liu; Pengyang Shao; Wei Qin; Fei Liu; Yonghui Yang; Richang Hong
		1588	Debate over Mixed-knowledge: A Robust Multi-Agent Reasoning Framework for Incomplete Knowledge Graph Question Answering	Yu-Hao Huang; Chang Xu; Yang Liu; Weiqing Liu; Wu-Jun Li; Jiang Bian
		23072	Controllable Financial Market Generation with Diffusion Guided Meta Agent	Changwen Xing; SamZaak Wong; Xinlai Wan; Yanfeng Lu; Mengli Zhang; Zebin Ma; Lei Qi; Zhengxiong Li; Nan Guan; Zhe Jiang; Xi Wang; Jun Yang
		21639	ChipMind: Retrieval-Augmented Reasoning for Long-Context Circuit Design Specifications	Yu Shi; Yitong Duan; Jian Li
		10840	Navigating the Alpha Jungle: An LLM-Powered MCTS Framework for Formulaic Alpha Factor Mining	Peng Xu; Yapeng Li; Tinghuan Chen; Tsung-Yi Ho; Bei Yu
Saturday, Jan 24, 3:00-4:00pm	Computer Vision 24 (CV) Garnet 212	19275	KCLNet: Electrically Equivalence-Oriented Graph Representation Learning for Analog Circuits	Mingkai Miao; Jianheng Tang; Guangyu Hu; Hongce Zhang
		13873	BDD2Seq: Enabling Scalable Reversible-Circuit Synthesis via Graph-to-Sequence Learning	Dingkang Liang; Cheng Zhang; Xiaopeng Xu; Jianzhong Ju; Zhenbo Luo; Xiang Bai
		6123	Cook and Clean Together: Teaching Embodied Agents for Parallel Task Execution	Zongyang Qiu; Bingyuan Wang; Xingbei Chen; Yingqing He; Zeyu Wang
		8281	EmoVid: A Multimodal Emotion Video Dataset for Emotion-Centric Video Understanding and Generation	

Saturday, Jan 24, 3:00-4:00pm	CV: Vision for Robotics & Autonomous Driving 1 (CV) Garnet 213	738	What to Trust? A Trust-aware Knowledge-guided Method for Zero-shot Object State Understanding in Videos	Yayun Qi; Xinxiao Wu
		1126	Unleashing the Potential of Large Language Models for Text-to-Image Generation Through Autoregressive Representation Alignment	Xing Xie; Jiawei Liu; Ziyue Lin; Huijie Fan; Zhi Han; Yandong Tang; Liangqiong Qu
		4283	Regression over Classification: Assessing Image Aesthetics via Multimodal Large Language Models	Xingyuan Ma; Shuai He; Anlong Ming; Haobin Zhong; Huadong Ma
		23443	STRIDE-QA: Visual Question Answering Dataset for Spatiotemporal Reasoning in Urban Driving Scenes	Keishi Ishihara; Kento Sasaki; Tsubasa Takahashi; Daiki Shiono; Yu Yamaguchi
		2246	SpatialActor: Exploring Disentangled Spatial Representations for Robust Robotic Manipulation	Hao Shi; Bin Xie; Yingfei Liu; Yang Yue; Tiancai Wang; Haoqiang Fan; Xiangyu Zhang; Gao Huang
		6560	ExpertAD: Enhancing Autonomous Driving Systems with Mixture of Experts	Haowen Jiang; Xinyu Huang; You Lu; Dingji Wang; Yuheng Cao; Chaofeng Sha; Bihuan Chen; Keyu Chen; Xin Peng
Saturday, Jan 24, 3:00-4:00pm	Computer Vision 25 (CV) Garnet 214	10735	HDGS: Hierarchical Dynamic Gaussian Splatting for Urban Driving Scenes	Fudong Ge; Jin Gao; Hanshi Wang; Yiwei Zhang; Ke Wang; Weiming Hu; Zhipeng Zhang
		14513	Towards Robust Event-Based Depth Estimation: Bridging Synthetic and Real Domains with Motion Adaptation	Yuzhe Ji; Haotian Wang; Yijie Chen; Xiang Cheng; Liuqing Yang; Xinhua Zheng
		1322	AerialMind: Towards Referring Multi-Object Tracking in UAV Scenarios	Chenglizhao Chen; Shaofeng Liang; Runwei Guan; Xiaolou Sun; Haocheng Zhao; Haiyun Jiang; Tao Huang; Henghui Ding; Qing-Long Han
		3429	SM3Det: A Unified Model for Multi-Modal Remote Sensing Object Detection	Yuxuan Li; Xiang Li; Yunheng Li; Yicheng Zhang; Yimian Dai; Qibin Hou; Ming-Ming Cheng; Jian Yang
		4757	T-APT: Text-Guided Modality-Aware Prompt Tuning for Arbitrary Multimodal Remote Sensing Data Joint Classification	Qinghao Gao; Jiahui Qu; Wenqian Dong
		909	LWGANet: Addressing Spatial and Channel Redundancy in Remote Sensing Visual Tasks with Light-Weight Grouped Attention	Wei Lu; Xue Yang; Si-Bao Chen
Saturday, Jan 24, 3:00-4:00pm	Computer Vision 26 (CV) Garnet 215	12137	Causal Decoupling Domain Generalization for Remote Sensing Change Detection	Jiaqi Zhao; Jianpeng Xie; Yong Zhou; Wen-Liang Du; Hancheng Zhu; Rui Yao
		18606	UniMapGen: A Generative Framework for Large-Scale Map Construction from Multi-modal Data	Yujian Yuan; Changjie Wu; Xinyuan Chang; Sijin Wang; Hang Zhang; Shiyi Liang; Shuang Zeng; Mu Xu
		4183	DialoGen: Towards Dialog Gesture Generation via Identity-Decoupled Style Guidance in Interactive Diffusion Model	Weiyu Zhao; Chenyang Wang; Liangxiao Hu; Zonglin Li; Wei Yu; Shengping Zhang
		8218	Knowledge Completes the Vision: A Multimodal Entity-aware Retrieval-Augmented Generation Framework for News Image Captioning	Xiaoxing You; Qiang Huang; Lingyu Li; Chi Zhang; Xiaopeng Liu; Min Zhang; Jun Yu
		18425	SGPFeat: Semantic and Geometric Priors for Multi-modal Image Matching	Yuxin Deng; Botian Wang; Kaining Zhang; Hao Zhang; Jiayi Ma
		1808	SRSplat: Feed-Forward Super-Resolution Gaussian Splatting from Sparse Multi-View Images	Xinyuan Hu; Changyue Shi; Chuxiao Yang; Minghao Chen; Jiajun Ding; Tao Wei; Chen Wei; Zhou Yu; Min Tan
Saturday, Jan 24, 3:00-4:00pm	ML: Life-Long and Continual Learning 1 (ML) Garnet 216	2290	SAMCL: Empowering SAM to Continually Learn from Dynamic Domains with Extreme Storage Efficiency	Zeqing Wang; Kangye Ji; Di Wang; Haibin Zhang; Fei Cheng
		6671	Decomposing and Composing: Towards Efficient Vision-Language Continual Learning via Rank-1 Expert Pool in a Single LoRA	Zhan Fa; Yue Duan; Jian Zhang; Lei Qi; Wanqi Yang; Yinghuan Shi
		21687	Learning with Preserving for Continual Multitask Learning	Hanchen David Wang; Siwoo Bae; Zirong Chen; Meiyi Ma
		9529	E-Logic Prompt: Unified Energy-Logic Framework for Continual Visual Question Answering	Jiayao Tan; Tianle Liu; Fuyuan Hu; Wei Feng; Liang Wan
		10989	Perturbing to Preserve: Defending Fragile Knowledge in Online Continual Learning	Dulan Zhou; Zijian Gao; Kele Xu
		5360	High-Pass Matters: Theoretical Insights and Sheaflet-Based Design for Hypergraph Neural Networks	Ming Li; Yujie Fang; Dongrui Shen; Han Feng; Xiaosheng Zhuang; Kelin Xia; Pietro Lio
Saturday, Jan 24, 3:00-4:00pm	ML: Graph-based Machine Learning 4 (ML) Garnet 217	12011	Assemble Your Crew: Automatic Multi-agent Communication Topology Design via Autoregressive Graph Generation	Shiyuan Li; Yixin Liu; Qingsong Wen; Chengqi Zhang; Shirui Pan
		5871	Self-Supervised Hypergraph Learning with Substructure Awareness for Hyperedge Prediction	Ming Li; Huiting Wang; Yuting Chen; Lu Bai; Lixin Cui; Feilong Cao; Ke Lv
		6127	HyperAim: Hypergraph Contrastive Learning with Adaptive Multi-frequency Filters	Ming Li; Ruiting Zhao; Zihao Yan; Lu Bai; Lixin Cui; Feilong Cao

Saturday, Jan 24, 3:00-4:00pm	Machine Learning 15 (ML) Garnet 218	21214	Source-Free Graph Foundation Model Adaptation via Pseudo-Source Reconstruction	Liang Yang; Hui Ning; Jiaming Zhuo; Ziyi Ma; Chuan Wang; Wenning Wu; Zhen Wang
		27366	Dynamic Sparsity: Challenging Common Sparsity Assumptions for Learning World Models in Robotic Reinforcement Learning Benchmarks	Muthukumar Pandaram; Jakob Hollenstein; David Drexel; Samuele Tosatto; Antonio Rodriguez-Sanchez; Justus Piater
		19987	SAPO: Self-Adaptive Process Optimization Makes Small Reasoners Stronger	Kaiyuan Chen; Guangmin Zheng; Jin Wang; Xiaobing Zhou; Xuejie Zhang
		12805	Ambiguity-Tolerant Cross-Modal Hashing with Partial Labels	Chao Su; Yanan Li; Xu Wang; Yingke Chen; Huiming Zheng; Dezhong Peng; Yuan Sun
		28097	Policy Zooming: Adaptive Discretization-based Infinite-Horizon Average-Reward Reinforcement Learning	Avik Kar; Rahul Singh
Saturday, Jan 24, 3:00-4:00pm	ML: Clustering 3 (ML) Garnet 219	23456	CATAL: Causally Disentangled Task Representation Learning for Offline Meta-Reinforcement Learning	Shan Cong; Chao Yu; Xiangyuan Lan
		15185	Geometry-Aware Variational Information Maximization for Deep Incomplete Multi-view Clustering	Wenlan Chen; Lu Gao; Daoyuan Wang; Fei Guo; Cheng Liang
		12801	RAC-DMVC: Reliability-Aware Contrastive Deep Multi-View Clustering Under Multi-Source Noise	Shihao Dong; Yue Liu; Xiaotong Zhou; Yuhui Zheng; Huiying Xu; Xinzhong Zhu
		15717	Adaptive Evolutionary Fusion for Multi-View Clustering	Yunxiao Zhao; Liang Bai; Xian Yang
		21825	DC-SPAN: A Dual Contrastive Attention Network for Multi-View Clustering	Jingyi Chen; Zhibin Dong; Tiejun Li; Yibo Han
Saturday, Jan 24, 3:00-4:00pm	GTEP: Fair Division 2 (GTEP) Opal 105-106	13906	Cross-view Anchor Graph Learning and Factorization for Incomplete Multi-view Clustering	Xinxin Wang; Yongshan Zhang; Xiaochen Yuan; Yicong Zhou
		30680	Probing EFX via PMMS: (Non-)Existence Results in Discrete Fair Division	Jaroslav Byrka; Franciszek Malinka; Tomasz Ponitka
		30576	EFX Allocation in (Multi)Hypergraphs	Thanasis Lianas; Alkmini Sgouritsa; Minas Marios Sotiriou
		27030	Existence of 2-EFX Allocations of Chores	Jugal Garg; Aniket Murhekar
		17518	Approximately Envy-free and Equitable Allocations of Indivisible Items for Non-monotone	Vittorio Bilò; Martin Loebl; Cosimo Vinci
Saturday, Jan 24, 3:00-4:00pm	NLP: Language Grounding & Multi-modal NLP 1 (NLP) Peridot 201	24898	Exact and Approximate Maximin Share Allocations in Multi-Graphs	George Christodoulou; Symeon Mastrakoulis
		16410	Easy for Children, Hard for AI: The Limits of Multimodal LLMs in Early Childhood Learning	Jingping Liu; Xueyan Wu; Hanxuan Chen; Ziyang Liu; Zhangquan Chen; Ronghao Chen; Huacan Wang
		2800	Causal Tracing of Object Representations in Large Vision Language Models: Mechanistic Interpretability and Hallucination Mitigation	Qiming Li; Zekai Ye; Xiaocheng Feng; Weihong Zhong; Weitao Ma; Xiachong Feng
		15730	Do Language Models Associate Sound with Meaning? A Multimodal Study of Sound Symbolism	Jinhong Jeong; Sunghyun Lee; Jaeyoung Lee; Seonah Han; Youngjae Yu
		23055	PASS: Probabilistic Agentic Supernet Sampling for Interpretable and Adaptive Chest X-Ray Reasoning	Yushi Feng; Junye Du; Yingying Hong; Qifan Wang; Lequan Yu
Saturday, Jan 24, 3:00-4:00pm	NLP: Safety and Robustness 1 (NLP) Peridot 202	13242	RPTS: Tree-Structured Reasoning Process Scoring for Faithful Multimodal Evaluation	Haofeng Wang; Yu Zhang
		24904	Learning from the Undesirable: Robust Adaptation of Language Models Without Forgetting	Yunhun Nam; Jaehyung Kim; Jongheon Jeong
		1060	Hidden in the Noise: Unveiling Backdoors in Audio LLMs Alignment Through Latent Acoustic Pattern Triggers	Liang Lin; Miao Yu; Kaiwen Luo; Yibo Zhang; Lilan Peng; Dexian Wang; Xuehai Tang; Yuanhe Zhang; Xikang Yang; Zhenhong Zhou; Kun Wang; Yang Liu
		29004	TruthfulRAG: Resolving Factual-level Conflicts in Retrieval-Augmented Generation with Knowledge Graphs	Shuyi Liu; Yu-Ming Shang; Xi Zhang
		11294	PrivSV: Differentially Private Steering Vector for Large Language Models	Haocheng Yang; Xiang Cheng; Chenhao Sun; Pengfei Zhang; Sen Su
Saturday, Jan 24, 3:00-4:00pm	NLP: (Large) Language Models 4 (NLP) Peridot 203	22054	Safety Alignment of Large Language Models via Contrasting Safe and Harmful Distributions	Xiaoyun Zhang; Zhengyue Zhao; Wenxuan Shi; Kaidi Xu; Di Huang; Xing Hu
		7146	A Rolling Stone Gathers No Moss: Adaptive Policy Optimization for Stable Self-Evaluation in Large Multimodal Models	Wenkai Wang; Hongcan Guo; Zheqi Lv; Shengyu Zhang
		8188	Breaking the Trade-Off Between Faithfulness and Expressiveness for Large Language Models	Chenxu Yang; Qingyi Si; Lanrui Wang; Zheng Lin
		5485	Group Causal Policy Optimization for Post-Training Large Language Models	Ziyin Gu; Jingyao Wang; Ran Zuo; Chuxiong Sun; Zeen Song; Changwen Zheng; Wenwen Qiang
		3867	VerifyBench: A Systematic Benchmark for Evaluating Reasoning Verifiers Across Domains	Xuzhao Li; Xuchen Li; Shiyu Hu; Yongzhen Guo; Wentao Zhang

		23328	SDA: Steering-Driven Distribution Alignment for Open LLMs Without Fine-Tuning	Wei Xia; Zhi-Hong Deng
Saturday, Jan 24, 3:00-4:00pm	CSO: Constraint Optimization 1 (CSO) Peridot 204	345	Scalable Mixed-Integer Optimization with Neural Constraints via Dual Decomposition	Shuli Zeng; Sijia Zhang; Feng Wu; Shaojie Tang; Xiangyang Li
		28477	Exact Optimization for Minimum Dominating Sets	Enqiang Zhu; Qiqi Bao; Yu Zhang; Chanjuan Liu; Pu Wu
		8449	Assignment Problems in Cost Function Networks	Guidio Sewa; David Allouche; Simon de Givry; George Katsirelos; Pierre Montalbano; Thomas Schiex
		6431	Improving Exact Algorithm for Pseudo Boolean Optimization with Two New Phase Selection Heuristics	Yujiao Zhao; Yizhan Xiang; Jiangnan Li; Yiyuan Wang; Minghao Yin
Saturday, Jan 24, 3:00-4:00pm	DMKM: Recommender Systems 4 (DMKM) Peridot 206	21191	Learning with Structure: Computing Consistent Subsets on Structurally-Regular Graphs	Aritra Banik; Mano Prakash Parthasarathi; Venkatesh Raman; Diya Roy; Abhishek Sahu
		11437	Inductive Generative Recommendation via Retrieval-based Speculation	Yijie Ding; Jiacheng Li; Julian McAuley; Yupeng Hou
		801	MSR-Rec: Multi-Step Reasoning-Enhanced LLM for Sequential Recommendation	Tuo Wang; Meng Jian; Ge Shi; Lifang Wu; Yashen Wang
		23636	RecCocktail: A Generalizable and Efficient Framework for LLM-Based Recommendation	Min Hou; Chenxi Bai; Le Wu; Hao Liu; Kai Zhang; Weiwen Liu; Richang Hong; Ruiming Tang; Meng Wang
Saturday, Jan 24, 3:00-4:00pm	APP: Security 2 (APP) Tourmaline 207-209	2291	Think Wise, Collaborate Effectively: A Rationale-Aware LLM-Based Recommender with Reinforcement Learning from Collaborative Signals	Chung Park; Taesan Kim; Hyeongjun Yun; Dongjoon Hong; Junui Hong; Kijung Park; MinCheol Cho; Min Sung Choi; Jihwan Seok; Jaegul Choo
		10194	GUIDER: Uncertainty Guided Dynamic Re-ranking for Large Language Models Based Recommender Systems	Cai Xu; Xujing Wang; Ziyu Guan; Wei Zhao; Meng Yan
		11948	GARNET: GoT-Based Alert Reduction and Narrative Event Tracing	Yiru Gong; Song Liu; Changzhi Zhao; Junrong Liu; Tian Tian; Xiaobo Yang; Bo Jiang; Zhigang Uisang Lee; Changhoon Chung; Junmo Lee; Soo-Mook Moon
		24615	BugSweeper: Function-Level Detection of Smart Contract Vulnerabilities Using Graph Neural Networks	
Sunday, Jan 25, 9:30-10:30am	Computer Vision 27 (CV) Garnet 212	25967	AutoMalDesc: Large-Scale Script Analysis for Cyber Threat Research	Alexandru-Mihai Apostu; Andrei Preda; Alexandra Daniela Damir; Diana Bolocan; Radu Tudor Ionescu; Ioana Croitoru; Mihaela Gaman
		15601	Where to Start Alignment? Diffusion Large Language Model May Demand a Distinct Position	Zhixin Xie; Xurui Song; Jun Luo
		25744	HogVul: Black-box Adversarial Code Generation Framework Against LM-based Vulnerability Detectors	Jingxiao Yang; Ping He; Tianyu Du; Sun Bing; Xuhong Zhang
		1438	Geometry-Aware Noisy Correspondence Mitigation for Cross-Modal Text-Based Person	Xinpan Yuan; Shaomin Xie; Liujie Hua; Chengyuan Zhang; Guihu Zhao; Lin Yuanbo Wu
Sunday, Jan 25, 9:30-10:30am	CV: Segmentation 1 (CV) Garnet 213	4967	Adaptive Dynamic Dehazing via Instruction-Driven and Task-Feedback Closed-Loop Optimization for Diverse Downstream Task	Yafei Zhang; Shuaitian Song; Huafeng Li; Shujuan Wang; Yu Liu
		4870	Topology-Aware Vision Transformers for Enhanced Scene Recognition	Yunxi Wang; Shuaiyu Liu; Qiling Li; Yazhou Ren; Xiaorong Pu
		3872	CausalStep: A Benchmark for Explicit Stepwise Causal Reasoning in Videos	Xuchen Li; Xuzhao Li; Shiyu Hu; Kaiqi Huang; Wentao Zhang
		1009	VQ-Insight: Teaching VLMs for AI-Generated Video Quality Understanding via Progressive Visual Reinforcement Learning	Xuanyu Zhang; Weiqi Li; Shijie Zhao; Junlin Li; Li Zhang; Jian Zhang
Sunday, Jan 25, 9:30-10:30am	CV: Segmentation 1 (CV) Garnet 213	3560	Robust Pseudo-Labeling via Decoupled Class-Aware Filtering and Dynamic Category Correction	Jianghang Lin; Yilin Lu; Chaoyang Zhu; Yunhang Shen; Shengchuan Zhang; Liujuan Cao
		6535	CiNuSeg: Class Incremental Nuclei Segmentation via Anchor-driven Consistency Learning with Dual Region Regularization	Xuexin Wu; Zhenhui Ding; Huisi Wu; Jing Qin
		5176	CrossCut: Cross-Patch Aware Interactive Segmentation for Remote Sensing Images	Zheng Lin; Nan Zhou; Yuhan Wang; Bojian Zhang
		20779	Escaping the CAM Shadow: Uncertainty-Guided Reliable Learning for Weakly Supervised Semantic Segmentation	Luyao Chang; Leiting Chen; Chen Yang; Chuan Zhou
Sunday, Jan 25, 9:30-10:30am	CV: Applications 1 (CV) Garnet 214	20202	S2-UniSeg: Fast Universal Agglomerative Pooling for Scalable Segment Anything Without Supervision	Huihui Xu; Jin Ye; Hongqiu Wang; Changkai Ji; Jiashi Lin; Ming Hu; Ziyang Huang; Ying Chen; Chenglong Ma; Tianbin Li; Lihao Liu; Junjun He; Lei Zhu
		11525	DentalGS: Pose-Free 3D Gaussian Splatting from Five Intraoral Images for Novel View Synthesis	Honghao Dai; Yuanfeng Zhou; Guangshun Wei; Zhihao Li; Wenping Wang
		1475	Towards High-Resolution 3D Anomaly Detection: A Scalable Dataset and Real-Time Framework for Subtle Industrial Defects	Yuqi Cheng; Yihan Sun; Hui Zhang; Weiming Shen; Yunkang Cao

Sunday, Jan 25, 9:30-10:30am	CV: 3D Computer Vision 2 (CV) Garnet 215	8413	Infinite-Story: A Training-Free Consistent Text-to-Image Generation	Jihun Park; Kyoungmin Lee; Jongmin Gim; Hyeonsoo Jo; Minseok Oh; Wonhyeok Choi; Kyumin Hwang; Jaeyeul Kim; Minwoo Choi; Sunghoon Im
		463	IMAGGarment+: Efficient Attribute-Wise Diffusion for Garment Generation	Jian Yu; Fei Shen; Cong Wang; Yanpeng Sun; Hao Tang; Qin Guo; Xiaoyu Du
		14897	PosterVerse: A Full-Workflow Framework for Commercial-Grade Poster Generation with HTML-Based Scalable Typography	Junle Liu; Peirong Zhang; Yuyi Zhang; Pengyu Yan; Hui Zhou; Xinyue Zhou; Fengjun Guo; Lianwen Jin
		25582	ElastoGen: 4D Generative Elastodynamics	Yutao Feng; Yintong Shang; Xiang Feng; Lei Lan; Shandian Zhe; Tianjia Shao; Hongzhi Wu; Kun Zhou; Chenfanfu Jiang; Yin Yang
		16138	Active3D: Active High-Fidelity 3D Reconstruction via Multi-Level Uncertainty Quantification	Yan Li; Yingzhao Li; Gim Hee Lee
		4250	BeyondSparse: Facilitating Mamba to Enhance Cross-Domain 3D Semantic Segmentation in Adverse Weather	Yao Wu; Mingwei Xing; Yachao Zhang; Fangyong Wang; Xiaopei Zhang; Yanyun Qu
		15129	From Dataset to Real-world: General 3D Object Detection via Generalized Cross-domain Few-shot Learning	Shuangzhi Li; Junlong Shen; Lei Ma; Xingyu Li
		9571	Semantic Guided Part Relation-aware Network for Point Cloud Completion	Zhensheng Zhou; Jianqing Liang; Jiye Liang; Zijin Du; Chenghao Fang
		4778	Beyond the Lower Bound: Bridging Regret Minimization and Best Arm Identification in Lexicographic Bandits	Bo Xue; Yuanyu Wan; Zhichao Lu; Qingfu Zhang
		23414	Bandit Learning in Housing Markets	Shiyun Lin
Sunday, Jan 25, 9:30-10:30am	Machine Learning 16 (ML) Garnet 216	27673	Center-Outward q-Dominance: A Sample-Computable Proxy for Strong Stochastic Dominance in Stochastic Multi-Objective Optimisation	Robin van der Laag; Hao Wang; Thomas Bäck; Yingjie Fan
		20588	Streaming Generated Gaussian Process Experts for Online Learning and Control	Zewen Yang; Dongfa Zhang; Xiaobing Dai; Fengyi Yu; Chi Zhang; Bingkun Huang; Hamid Sadeghian; Sami Haddadin
		15450	Probabilistic Hash Embeddings for Online Learning of Categorical Features	Aodong Li; Abishek Sankararaman; Balakrishnan Murali Narayanaswamy
		12841	Privacy on the Fly: A Predictive Adversarial Transformation Network for Mobile Sensor Data	Tianle Song; Chenhao Lin; Yang Cao; Zhengyu Zhao; Jiahao Sun; Chong Zhang; Le Yang; Chao Shen
		11377	Differentially Private Linear Programming: Reduced Sub-Optimality and Guaranteed Constraint Satisfaction	Alexander Benvenuti; Brendan Bialy; Miriam Dennis; Matthew Hale
		13076	Enhancing DPSGD via Per-Sample Momentum and Low-Pass Filtering	Xincheng Xu; Thilina Ranbaduge; Qing Wang; Thierry Rakotoarivelo; David Smith
		23280	ReLUPruner: Rethinking ReLU Importance with Taylor Expansion for Efficient Private Inference	Zhenpeng Li; Jinshuo Liu; Xinyan Wang; Lina Wang; Jeff Z. Pan
		9407	DIET: Machine Unlearning on a Data-Diet	Nilakshan Kunanathaseelan; Jing Wu; Trung Le; Gholamreza Haffari; Mehrtash Harandi
		588	DualFete: Revisiting Teacher-Student Interactions from a Feedback Perspective for Semi-supervised Medical Image Segmentation	Le Yi; Wei Huang; Lei Zhang; Kefu Zhao; Yan Wang; Zizhou Wang
		15279	Quantum Algorithms for Spectral Sums	Alessandro Luongo; Changpeng Shao
Sunday, Jan 25, 9:30-10:30am	Machine Learning 17 (ML) Garnet 218	1698	A Catalyst Framework for the Quantum Linear System Problem via the Proximal Point Algorithm	Junhyung Lyle Kim; Nai-Hui Chia; Anastasios Kyriallidis
		4905	Learning Intrinsic Hierarchy for Generalized Category Discovery	Yu Duan; Junzhi He; Zhanxuan Hu; Mengda Ji; Rong Wang; Quanxue Gao
		10930	Medical Image Segmentation with Minimal Labeling Effort: How Far Can We Push the Limits?	Yizhe Zhang
		11004	CoCo-MILP: Inter-Variable Contrastive and Intra-Constraint Competitive MILP Solution Prediction	Tianle Pu; Jianing Li; Yingying Gao; Shixuan Liu; Zijie Geng; Haoyang Liu; Chao Chen; Changjun Fan
		17047	A Multi-Objective Optimization Framework for Adaptive Weighting in Physics-Informed Machine Learning	Guoquan Wu; Zhe Wu
		5355	PharmaQA: Prompt-Based Molecular Representation Learning via Pharmacophore-Oriented Question Answering	Chengwei Ai; Qiaozhen Meng; Mengwei Sun; Ruihan Dong; Hongpeng Yang; Shiqiang Ma; Xiaoyi Liu; Cheng Liang; Fei Guo
		20605	Learning Network Dismantling Without Handcrafted Inputs	Haozhe Tian; Pietro Ferraro; Robert Noel Shorten; Mahdi Jalili; Homayoun Hamedmoghadam
		19809	A Stage-Aware Mixture of Experts Framework for Neurodegenerative Disease Progression Modelling	Tiantian He; Keyue Jiang; An Zhao; Anna Schroder; Elinor Thompson; Sonja Soskic; Frederik Barkhof; Daniel C. Alexander
Sunday, Jan 25, 9:30-10:30am	ML: Applications 2 (ML) Garnet 219			

Sunday, Jan 25, 9:30-10:30am	GTEP: Fair Division 3 (GTEP) Opal 105-106	28142	Non-Monotonicity in Fair Division of Graphs	Hadi Hosseini; Shraddha Pathak; Yu Zhou
		7784	Fair Allocation of Indivisible Goods with Variable Groups	Paul Gözl; Ayumi Igarashi; Pasin Manurangsi; Warut Suksompong
		14288	Dividing Indivisible Items for the Benefit of All: It Is Hard to Be Fair Without Social Awareness	Argyrios Deligkas; Eduard Eiben; Tiger-Lily Goldsmith; Dušan Knop; Šimon Schierreich
		9124	Fairness and Stability for Shared Resource Allocation Problems	Jiazhu Fang; Qizhi Fang; Minming Li; Wenjing Liu
		24757	Fair Societies: Algorithms for House Allocations	Hadi Hosseini; Sanjukta Roy; Aditi Sethia
Sunday, Jan 25, 9:30-10:30am	Natural Language Processing 14 (NLP) Peridot 202	21053	JudgeBoard: Benchmarking and Enhancing Small Language Models for Reasoning Evaluation	Zhenyu Bi; Gaurav Srivastava; Yang Li; Swastik Roy; Meng Lu; Morteza Ziyadi; Xuan Wang
		28560	Multi-Value Alignment for LLMs via Value Decorrelation and Extrapolation	Hefei Xu; Le Wu; Chen Cheng; Hao Liu
		20594	EHRStruct: A Comprehensive Benchmark Framework for Evaluating Large Language Models on Structured Electronic Health Record Tasks	Xiao Yang; Xuejiao Zhao; Zhiqi Shen
		1488	TaREx: Reinforcement Learning for Code-Driven Table Reasoning	Fangyu Lei; Jinxiang Meng; Yiming Huang; Shizhu He; Jun Zhao; Kang Liu
		14157	LifeAlign: Lifelong Alignment for Large Language Models with Memory-Augmented Focalized Preference Optimization	Junsong Li; Jie Zhou; Bihao Zhan; Yutao Yang; Qianjun Pan; Shilian Chen; Tianyu Huai; Xin Li; Qin Chen; Liang He
Sunday, Jan 25, 9:30-10:30am	Natural Language Processing 15 (NLP) Peridot 203	19507	MrM: Black-Box Membership Inference Attacks Against Multimodal RAG Systems	Peiru Yang; Jinhua Yin; Haoran Zheng; Xueying Bai; Huili Wang; Yufei Sun; Xintian Li; Songwei Pei; Yongfeng Huang; Tao Qi
		28562	Chinese Two-part Allegorical Sayings Reading Comprehension: Exploration from Reasoning to Metaphor	Dongyu Su; Yimin Xiao; Tongguan Wang; Feiyue Xue; Junkai Li; Hui Liu; Ying Sha
		16480	GeWu: A Culturally-Grounded Chinese Benchmark for Multi-Stage Social Bias Evaluation in Large Language Models	Yi Lin; Ziyi Zhou; Jiashi Gao; Xinwei Guo; Jiaxin Zhang; Haiyan Wu; Xin Yao; Xuetao Wei
		20961	Global-Local Confidence Fusion for Hallucination Detection in Mathematical Reasoning Task	Bo Zhang; Cong Gao; Linkang Yang; Bingxu Han; Minghao Hu; Zhunchen Luo; Guotong Geng; Xiaoying Bai; Jun Zhang; Wen Yao; Zhong Wang
		23650	Fact2Fiction: Targeted Poisoning Attack to Agentic Fact-checking System	Haorui He; Yupeng Li; Bin Benjamin Zhu; Dacheng Wen; Reynold Cheng; Francis C. M. Lau
Sunday, Jan 25, 9:30-10:30am	Knowledge Representation & Reasoning 5 (KRR) Peridot 204	22604	Variance Computation for Weighted Model Counting with Knowledge Compilation Approach	Kengo Nakamura; Masaaki Nishino; Norihito Yasuda
		18308	GraphOracle: Efficient Fully-Inductive Knowledge Graph Reasoning via Relation-Dependency Graphs	Enjun Du; Siyi Liu; Yongqi Zhang
		25945	AgentODRL: A Large Language Model-based Multi-agent System for ODRL Generation	Wanle Zhong; Keman Huang; Xiaoyong Du
		9004	Non-Monotonic S4F Standpoint Logic	Piotr Gorczyca; Hannes Strass
		27685	A Knowledge Compilation Map for Quantum Information	Lieuwe Vinkhuijzen; Tim Coopmans; Alfons Laarman
Sunday, Jan 25, 9:30-10:30am	DMKM: Graph Mining, Social Network Analysis & Community 2 (DMKM) Peridot 206	24344	Scalable Semi-supervised Community Search via Graph Transformer on Attributed Heterogeneous Information Networks	Linlin Ding; Zhaosong Zhao; Mo Li; Yishan Pan; Xin Wang; Renata Borovica-Gajic
		8763	Transferable Graph Condensation from the Causal Perspective	Huaming Du; Yijie Huang; Su Yao; Yiying Wang; Yueyang Zhou; Jingwen Yang; Jinshi Zhang; Han Ji; Yu Zhao; Guisong Liu; Hegui Zhang; Carl Yang; Gang Kou
		4981	Echoless Label-Based Pre-computation for Memory-Efficient Heterogeneous Graph Learning	Jun Hu; Shangheng Chen; Yufei He; Yuan Li; Bryan Hooi; Bingsheng He
		6972	DuoKD: Dual Knowledge Distillation from Large Language Models for Robust Graph Neural Networks	Cuiying Huo; Xiaotong Huang; Dongxiao He; Yixuan Du; Wenhuan Lu; Di Jin
		5570	ARNS: Adaptive Relation-Aware Negative Sampling with Curriculum Learning for Inductive Knowledge Graph Completion	Ling Ding; Zhizhi Yu; Di Jin; Lei Huang
Sunday, Jan 25, 9:30-10:30am	Applications of AI 2 (APP) Tourmaline 207-209	9879	Towards Distance-Invariant Radio Frequency Fingerprinting via Augmented Unsupervised Learning	Shiyue Huang; Yuchen Su; Hongbo Liu; Zikang Ding; Xuewan He; Yanzhi Ren; Haitao Jia
		12597	LLMs Unleashed: Generating Protocol Code from RFC Specifications	Junfeng Long; Jinshu Su; Biao Han
		18410	RFF-TTA: Physical Information-Aware Prototype for Temporally Varying RF Fingerprinting Online Test-Time-Adaptation	Taotao Li; Yiyang Li; Zhenyu Wen; Jiahao Lin; Jinhao Wan; Jie Su; Cong Wang; Zhen Hong
		19762	MUSE: Multimodal Uncertainty-Based Self-Driven Evolution for Robust Physiological-Signal-Based Driver Fatigue Detection	Jiaheng Wang; Yuan Si; Ang Li; Zhenyu Wang; Tianheng Xu; Honglin Hu

Sunday, Jan 25, 11:00am-12:00pm	Computer Vision 28 (CV) Garnet 212	5984	Guided Distillation and Risk Adaptive Evolution for Multi-Robot Navigation	Xuyang Li; Jianwu Fang; Lin Li; Boyuan Chen; Guangliang Li; Jianru Xue
		6805	Incomplete Multi-view Diabetic Retinopathy Grading via Self-Supervised Inter- and Intra-View Restoration	Zhihao Wu; Yuxin Lin; Jie Wen; Wuzhen Shi; Linlin Shen
		25195	DSFedMed: Dual-Scale Federated Medical Image Segmentation via Mutual Distillation Between Foundation and Lightweight Models	Hanwen Zhang; Qiaojin Shen; Yuxi Liu; Yuesheng Zhu; Guibo Luo
		10649	EccoMamba: Enhanced Cross-hierarchical Continuity Orthogonal Mamba for Medical Image Segmentation	Junlin Xu; Jincan Li; Feifei Cui; Zhuang Zhang; Jialiang Yang; Shuting Jin; Qiangguo Jin; Yajie Meng
		10707	Bridging Day and Night: Target-Class Hallucination Suppression in Unpaired Image Translation	Shuwei Li; Lei Tan; Robby T. Tan
Sunday, Jan 25, 11:00am-12:00pm	Computer Vision 29 (CV) Garnet 213	10784	SEMC: Structure-Enhanced Mixture-of-Experts Contrastive Learning for Ultrasound Standard Plane Recognition	Qing Cai; Guihao Yan; Fan Zhang; Cheng Zhang; Zhi Liu
		3264	From Pretrain to Pain: Adversarial Vulnerability of Video Foundation Models Without Task Knowledge	Hui Lu; Yi Yu; Song Xia; Yiming Yang; Deepu Rajan; Boon Poh Ng; Alex Kot; Xudong Jiang
		16277	Diversifying Counterattacks: Orthogonal Exploration for Robust CLIP Inference	Chengze Jiang; Mingjing Dong; Xinli Shi; Jie Gui
		6057	S5: Scalable Semi-Supervised Semantic Segmentation in Remote Sensing	Liang Lv; Di Wang; Jing Zhang; Lefei Zhang
		2215	DynamicEarth: How Far Are We from Open-Vocabulary Change Detection?	Kaiyu Li; Xiangyong Cao; Yupeng Deng; Chao Pang; Zepeng Xin; Hui Qiao; Tieliang Gong; Deyu Meng; Zhi Wang
Sunday, Jan 25, 11:00am-12:00pm	Computer Vision 30 (CV) Garnet 214	6463	UniABG: Unified Adversarial View Bridging and Graph Correspondence for Unsupervised Cross-View Geo-Localization	Cuiqun Chen; Qi Chen; Bin Yang; Xingyi Zhang
		3156	PCGS: Progressive Compression of 3D Gaussian Splatting	Yihang Chen; Mengyao Li; Qianyi Wu; Weiyao Lin; Mehrtash Harandi; Jianfei Cai
		2783	Masked Clustering Prediction for Unsupervised Point Cloud Pre-training	Bin Ren; Xiaoshui Huang; Mengyuan Liu; Hong Liu; Fabio Poiesi; Nicu Sebe; Guofeng Mei
		19564	ID-Splat: Propagating Object Identities for Segmenting 3D Aerial-view Scenes	Yijing Wang; Xu Tang; Xiangrong Zhang; Jingjing Ma
		12559	IGFuse: Interactive 3D Gaussian Scene Reconstruction via Multi-Scans Fusion	Wenhao Hu; Zesheng Li; Haonan Zhou; Liu Liu; Xuexiang Wen; Zhizhong Su; Xi Li; Gaoang Wang
Sunday, Jan 25, 11:00am-12:00pm	Computer Vision 31 (CV) Garnet 215	4366	When Trackers Date Fish: A Benchmark and Framework for Underwater Multiple Fish Tracking	Weiran Li; Ye qiang Liu; Qiannan Guo; Yijie Wei; Hwa Liang Leo; Zhenbo Li
		413	Rethinking Long-tailed Dataset Distillation: A Uni-Level Framework with Unbiased Recovery and Relabeling	Xiao Cui; Yulei Qin; Xinyue Li; Wengang Zhou; Hongsheng Li; Houqiang Li
		3856	Rethinking Video-Language Model from the Language Input Perspective	Xiang Fang; Wanlong Fang; Changshuo Wang; Xiaoye Qu; Daizong Liu
		3275	Towards Unified Vision-Language Models with Incomplete Multi-Modal Inputs	Xiang Fang; Wanlong Fang; Changshuo Wang; Keke Tang; Daizong Liu; Siyi Wang; Wei Ji
		10666	VMChill: A Dataset for Fine-Grained Visual-Musical Synergy	Xiaowei Chi; Zeyue Tian; Jialiang Chen; Wei Xue
Sunday, Jan 25, 11:00am-12:00pm	Machine Learning 18 (ML) Garnet 216	4988	Analyzing and Mitigating Object Hallucination: A Training Bias Perspective	Yifan Li; Kun Zhou; Xin Zhao; Lei Fang; Jirong Wen
		14666	Rethinking Open-world Prompt Tuning: A Systematic Framework for Evaluation and Optimization	Mengwei Li; Zilei Wang; Yixin Zhang
		28395	MoE^2: A Mixture-of-Mixtures of Experts for Ensemble-Free Domain Generalization	Ahmed Radwan; Mahmoud Soliman; Omar Abdelaziz; Ahmad Abdel-Qader; Mohamed S. Shehata
		16338	Bridging Modalities via Progressive Re-alignment for Multimodal Test-Time Adaptation	Jiacheng Li; Songhe Feng
		20227	Neuro-Symbolic Federated Learning over Heterogeneous Data-Views: A Structured Approach to Distributive EHR Modelling	Soheila Molaei; Bahareh Fatemi; Anshul Thakur; Andrew Soltan; Fazle Rabbi; Andreas L. Opdahl; Kim Branson; Patrick Schwab; Danielle Belgrave; David A. Clifton
Sunday, Jan 25, 11:00am-12:00pm	Machine Learning 19 (ML) Garnet 217	8484	Balancing Multimodal Domain Generalization via Gradient Modulation and Projection	Hongzhao Li; Guohao Shen; Shupan Li; Mingliang Xu; Muhammad Haris Khan
		30265	Fine-grained Uncertainty Decomposition in Large Language Models: A Spectral Approach	Nassim Walha; Sebastian G. Gruber; Thomas Decker; Yinchong Yang; Alireza Javanmardi; Eyke Hüllermeier; Florian Buettner
		27953	Minimum-Length Conformal Prediction Sets for Ordinal Classification	Zijian Zhang; Xinyu Chen; Yuanjie Shi; Liyuan Lillian Ma; Zifan Xu; Yan Yan
		29896	Practical Global and Local Bounds in Gaussian Process Regression via Chaining	Junyi Liu; Stanley Kok

Sunday, Jan 25, 11:00am-12:00pm	ML: Graph-based Machine Learning 5 (ML) Garnet 218	25682	Symmetric Aggregation of Conformity Scores for Efficient Uncertainty Sets	Nabil Alami; Jad Zakharia; Souhaib Ben Taieb
		466	PSEO: Optimizing Post-hoc Stacking Ensemble Through Hyperparameter Tuning	Beicheng Xu; Wei Liu; Keyao Ding; Yupeng Lu; Bin Cui
		10439	Nested Graph Pseudo-Label Refinement for Noisy Label Domain Adaptation Learning	Yingxu Wang; Mengzhu Wang; Zhichao Huang; Suyu Liu; Nan Yin
		7828	Anchor-Driven Nyström for Deep Graph-Level Clustering	Jiaxin Wang; Wenxuan Tu; Lingren Wang; Jieren Cheng; Yue Yang
		2013	Learning Fair Graph Representations via Probability of Necessity and Sufficiency	Chuxun Liu; Qingfeng Chen; Debo Cheng; Jiangzhang Gan; Jiuyong Li; Lin Liu
Sunday, Jan 25, 11:00am-12:00pm	Machine Learning 20 (ML) Garnet 219	8360	LGAN: An Efficient High-Order Graph Neural Network via the Line Graph Aggregation	Lin Du; Lu Bai; Jincheng Li; Lixin Cui; Hangyuan Du; Lichi Zhang; Yuting Chen; Zhao Li
		27753	Learning the Latent Structure: A Feature-Centric Approach to Graph Data Augmentation	Yu Song; Zhigang Hua; Yan Xie; Bingheng Li; Jingzhe Liu; Bo Long; Jiliang Tang; Hui Liu
		17181	Random Amalgamation of Adapters for Flatter Loss Landscapes: Towards Class-Incremental Learning with Better Stability	Yao Deng; Xiang Xiang; Jiaqi Gui
		19218	Stabilizing Spiking Neurons Through Biologically Inspired Polarization	Matthew Lai; Longbing Cao
		19639	Sparse Tuning Enhances Plasticity in PTM-based Continual Learning	Huan Zhang; Shenghua Fan; Shuyu Dong; Yujin Zheng; Dingwen Wang; Fan Lyu
Sunday, Jan 25, 11:00am-12:00pm	GTEP: Social Choice / Voting 3 (GTEP) Opal 105-106	14054	Spiking-Aided Neural Architecture for Efficient and Robust WiFi Sensing	Yisha Lu; Liwen Jing; Jiangmao Zheng; Bowen Zhang
		27610	Modeling Rapid Contextual Learning in the Visual Cortex with Fast-Weight Deep Autoencoder Networks	Yue Li; Weifan Wang; Tai Sing Lee
		30377	City Sampling for Citizens' Assemblies	Paul Gözl; Jan Maly; Ulrike Schmidt-Kraepelin; Markus Utke; Philipp C. Verpoort
		24142	Identifying Imperfect Clones in Elections	Piotr Faliszewski; Lukasz Janeczko; Grzegorz Lisowski; Kristýna Pekárková; Ildikó Schlotter
		13974	Computing Equilibrium Nominations in Presidential Elections	Piotr Faliszewski; Stanisław Kaźmierowski; Grzegorz Lisowski; Ildikó Schlotter; Paolo Turrini
Sunday, Jan 25, 11:00am-12:00pm	NLP: Interpretability, Analysis, and Evaluation of NLP Models 2 (NLP) Peridot 202	15440	Optimized Distortion in Linear Social Choice	Luise Ge; Gregory Kehne; Yevgeniy Vorobeychik
		23492	Diversity of Structured Domains via k-Kemeny Scores	Piotr Faliszewski; Krzysztof Sornat; Stanisław Szufa; Tomasz Wąs
		6120	MindVote: When AI Meets the Wild West of Social Media Opinion	Xutao Mao; Ezra Xuanru Tao; Leyao Wang
		7214	Skill Path: Unveiling Language Skills from Circuit Graphs	Hang Chen; Xinyu Yang; Jiaying Zhu; Wenya Wang
		11259	GitTaskBench: A Benchmark for Code Agents Solving Real-World Tasks Through Code Repository Leveraging	Ziyi Ni; Huacan Wang; Shuo Zhang; Shuo Lu; Ziyang He; WangYou; Zhenheng Tang; Sen Hu; Bo Li; Chen Hu; Binxing Jiao; Daxin Jiang; Yuntao Du; Pin Lyu
Sunday, Jan 25, 11:00am-12:00pm	NLP: (Large) Language Models 5 (NLP) Peridot 203	25662	Discovering Decoupled Functional Modules in Large Language Models	Yanke Yu; Jin Li; Ying Sun; Ping Li; Zhefeng Wang; Yi Zheng
		5556	Language Drift in Multilingual Retrieval-Augmented Generation: Characterization and Decoding-Time Mitigation	Bo Li; Zhenghua Xu; Rui Xie
		16901	StepFun-Formalizer: Unlocking the Autoformalization Potential of LLMs Through Knowledge-Reasoning Fusion	Yutong Wu; Di Huang; Ruosi Wan; Yue Peng; Shijie Shang; Chenrui Cao; Lei Qi; Rui Zhang; Xishan Zhang; Zidong Du; Jie Yan; Xing Hu
		20223	Teaching Large Language Models to Maintain Contextual Faithfulness via Synthetic Tasks and Reinforcement Learning	Shuzheng Si; Haozhe Zhao; Cheng Gao; Yuzhuo Bai; Zhitong Wang; Bofei Gao; Kangyang Luo; Wenhao Li; Yufei Huang; Gang Chen; Fanchao Qi; Minjia Zhang; Baobao Chang; Maosong Sun
		10161	DRIFT: Difference-Aware Reinforcement Through Iterative Fine-Tuning for Language Model	Wenjie Liao; Xiaohui Song; Haonan Lu
Sunday, Jan 25, 11:00am-12:00pm	Knowledge Representation & Reasoning 6 (KRR) Peridot 204	21333	DeepOR: A Deep Reasoning Foundation Model for Optimization Modeling	Ziyang Xiao; Yuan Jessica Wang; Xiongwei Han; Shisi Guan; Jingyan Zhu; Jingrong Xie; Lilin Xu; Han Wu; Wing Yin Yu; Zehua Liu; Xiaojin Fu; Gang Chen; Dongxiang Zhang
		13853	W2S-AlignTree: Weak-to-Strong Inference-Time Alignment for Large Language Models via Monte Carlo Tree Search	Zhenyu Ding; Yuhao Wang; Tengyue Xiao; Haoying Wang; Guojun Ma; Mingyang Wan; Caigui Jiang; Ning Ding
		26728	Heterogeneous Graph Neural Networks for Assumption-Based Argumentation	Preesha Gehlot; Anna Rapberger; Fabrizio Russo; Francesca Toni
		24140	Tractable Weighted First-Order Model Counting with Bounded Treewidth Binary Evidence	Václav Kůla; Qipeng Kuang; Yuyi Wang; Yuanhong Wang; Ondřej Kuželka
		10341	Convergent Semantics for Weighted Bipolar Argumentation	Zongshun Wang; Yuping Shen

		12199	Structure-Aware Encodings of Argumentation Properties for Clique-width	Yasir Mahmood; Markus Hecher; Johanna Groven; Johannes K. Fichte
		26582	Formal Verification of Diffusion Auctions	Rustam Galimullin; Munyque Mittelman; Laurent Perrussel
Sunday, Jan 25, 11:00am-12:00pm	Data Mining and Knowledge Management 6 (DMKM) Peridot 206	29940	Targeting Borderline Fraudsters: Multi-View Hypergraph Fraud Detection with LLM-Guided Contrastive Learning	Rui Ou; Kun Zhu; Nana Zhang; Jiangtong Li; Chaochao Chen; Yuhua Xu; Changjun Jiang
		20592	Continual Out-of-Distribution Detection with Analytic Neural Collapse	Saleh Momeni; Changnan Xiao; Bing Liu
		13395	SCoNE: Spherical Consistent Neighborhoods Ensemble for Effective and Efficient Multi-View Anomaly Detection	Yang Xu; Hang Zhang; Yixiao Ma; Ye Zhu; Kai Ming Ting
		18165	Neural Graph Navigation for Intelligent Subgraph Matching	Yuchen Ying; Yiyang Dai; Wenda Li; Wenjie Huang; Rui Wang; Tongya Zheng; Yu Wang; Hanyang Yuan; Mingli Song
		23015	MaskAD: Parallel Masked Autoencoder for Multi-class Unsupervised Anomaly Detection	Ruiying Lu; Gang Liu; Kang Li; Long Tian; Junwei Zhang
Sunday, Jan 25, 11:00am-12:00pm	APP: Natural Sciences 4 (APP) Tourmaline 207-209	10857	CellStream: Dynamical Optimal Transport Informed Embeddings for Reconstructing Cellular Trajectories from Snapshots Data	Yue Ling; Peiqi Zhang; Zhenyi Zhang; Peijie Zhou
		12738	The GATTACA Framework: Graph Neural Network-Based Reinforcement Learning for Controlling Biological Networks	Andrzej Mizera; Jakub Zarzycki
		17321	Physics-Informed Multi-Task Learning for Battery State of Health Prediction with Uncertainty Quantification	Tianwen Zhu; Guangyu Wu; Zhiwei Cao; Ruihang Wang; Jimin Jia; Yong Luo; Yonggang Wen
		25493	HGATSolver: A Heterogeneous Graph Attention Solver for Fluid-Structure Interaction	Qin-Yi Zhang; Hong Wang; Siyao Liu; Haichuan Lin; Linying Cao; Xiao-Hu Zhou; Chen Chen; Shuang-Yi Wang; Zeng-Guang Hou
		15946	WeightFlow: Learning Stochastic Dynamics via Evolving Weight of Neural Network	Ruikun Li; Jiazhen Liu; Huandong Wang; Qingmin Liao; Yong Li
Sunday, Jan 25, 3:00-4:00pm	Computer Vision 32 (CV) Garnet 212	12415	Divide-and-Conquer Decoupled Network for Cross-Domain Few-Shot Segmentation	Runmin Cong; Anpeng Wang; Bin Wan; Cong Zhang; Xiaofei Zhou; Wei Zhang
		3883	Less Is More: Sparse and Cooperative Perturbation for Point Cloud Attacks	Keke Tang; Tianyu Hao; Xiaofei Wang; Weilong Peng; Denghui Zhang; Peican Zhu; Zhihong Tian
		20195	Exploring Position Encoding Mechanism in Diffusion U-Net for Training-free High-resolution Image Generation	Feng Zhou; Pu Cao; Yiyang Ma; Lu Yang; Yonghao Dang; Jianqin Yin
		13352	3DTeethSAM: Taming SAM2 for 3D Teeth Segmentation	Zhiguo Lu; Jianwen Lou; Mingjun Ma; Hairong Jin; Youyi Zheng; Kun Zhou
		16545	Empowering DINO Representations for Underwater Instance Segmentation via Aligner and	Zhiyang Chen; Chen Zhang; Hao Fang; Runmin Cong
Sunday, Jan 25, 3:00-4:00pm	CV: Language and Vision 1 (CV) Garnet 214	6767	TraveLLaMA: A Multimodal Travel Assistant with Large-Scale Dataset and Structured Reasoning	Meng Chu; Yukang Chen; Haokun Gui; Shaozuo Yu; Yi Wang; Jiaya Jia
		1349	Mitigating Low-Quality Reasoning in MLLMs: Self-Driven Refined Multimodal CoT with Selective Thinking and Step-wise Visual Enhancement	Chongjun Tu; Peng Ye; Dongzhan Zhou; Tao Chen; Wanli Ouyang
		50	Doubly Debaised Test-Time Prompt Tuning for Vision-Language Models	Fei Song; Yi Li; Rui Wang; Jiahuan Zhou; Changwen Zheng; Jiangmeng Li
		13955	Make LVLMs Focus: Context-Aware Attention Modulation for Better Multimodal In-Context Learning	Yanshu Li; Jianjiang Yang; Ziteng Yang; Bozheng Li; Ligong Han; Hongyang He; Zhengtao Yao; Yingjie Victor Chen; Songlin Fei; Dongfang Liu; Ruixiang Tang
		27330	Text-to-Scene with Large Reasoning Models	Frédéric Berdoz; Luca A Lanzendörfer; Nick Tuninga; Roger Wattenhofer
Sunday, Jan 25, 3:00-4:00pm	Computer Vision 33 (CV) Garnet 215	1337	Injection Without Distortion: Geometrically Constrained Knowledge Enhancement for Vision-Language Models	Zhongze Wu; Xiu Su; Feng Yang; Shan You; Jun Long; Yueyi Luo
		15017	Joint Implicit and Explicit Language Learning for Pedestrian Attribute Recognition	Yukang Zhang; Lei Tan; Yang Lu; Yan Yan; Hanzi Wang
		10199	Transferable Model-agnostic Vision-Language Model Adaptation for Efficient Weak-to-Strong Generalization	Jihwan Park; Taehoon Song; Sanghyeok Lee; Miso Choi; Hyunwoo J. Kim
		18168	Beyond Counting: Evaluating Abstract and Emotional Reasoning in Vision-Language Models	Yuan Zhou; Yan Zhang; Jianlong Chang; Xin Gu; Ying Wang; Kun Ding; Guangwen Yang; Shiming Xiang
		8632	GloTok: Global Perspective Tokenizer for Image Reconstruction and Generation	Xuan Zhao; Zhongyu Zhang; Yuge Huang; Yuxi Mi; Guodong Mu; Shouhong Ding; Jun Wang; Rizen Guo; Shuigeng Zhou
Sunday, Jan 25, 3:00-	Machine Learning 21	25280	Learning Subgroups with Maximum Treatment Effects Without Causal Heuristics	Lincen Yang; Zhong Li; Matthijs van Leeuwen; Saber Salehkaleybar

4:00pm	(ML) Garnet 216	26056	Causal Discovery from Interval-Based Event Sequences	Lénaïg Cornanguer; Joscha Cüppers; Jilles Vreeken
		9406	A Causal Target for Learning to Defer Under Hidden Confounding	Yanmin Li; Lihua Liu; Xin Wang; Zhilong Mao; Jibing Wu; Weidong Bao
		4890	GAHMN: A Generative Approach for High-Dimensional Mediation Analysis	Jiaming Zhang; Yiqi Lin; Rou Zhang; Xinyuan Song; Hanwen Ning
		24108	Adaptive Hyperbolic Kernels: Modulated Embedding in de Branges-Rovnyak Spaces	Leping Si; Meimei Yang; Hui Xue; Shipeng Zhu; Pengfei Fang
Sunday, Jan 25, 3:00-4:00pm	Machine Learning 22 (ML) Garnet 217	10235	DeNC++: Efficient Diffusion-Enhanced Neural Codec for End-to-end Semantic Streaming at the Edge	Qihua Zhou; Wangjiang Gong; Zili Meng; Yaxiong Xie; Yaodong Huang; Junchen Jiang; Laizhong Cui
		28932	PhysicsCorrect: A Training-Free Approach for Stable Neural PDE Simulations	Xinquan Huang; Paris Perdikaris
		6803	DivControl: Knowledge Diversion for Controllable Image Generation	Yucheng Xie; Fu Feng; Ruixiao Shi; Jing Wang; Yong Rui; Xin Geng
		14202	Beyond Conservation: Flexible Molecular Assembly with Unbalanced Diffusion Bridge	Rongchao Zhang; Yiwei Lou; Yu Huang; Yi Xin; Yongzhi Cao; Hanpin Wang
		28577	Tractable Sharpness-Aware Learning of Probabilistic Circuits	Hrithik Suresh; Sahil Sidheekh; Vishnu Shreeram M P; Sriraam Natarajan; Narayanan Chatapuram Krishnan
		22341	Improving Generalization in LLM Structured Pruning via Function-Aware Neuron Grouping	Tao Yu; Yongqi An; Kuan Zhu; Guibo Zhu; Ming Tang; Jinqiao Wang
		23565	CoRE-Learning with Look-Ahead and Immediate Resource Allocation	Jing Wang; Xi-Tong Liu; Zhi-Hua Zhou
		29130	AdaReason: Progressive Training of Multi-LoRA Adapters for Budget-Adaptive Language Reasoning Models	Jiacheng Wang; Tianle Chen; Pengyu Cheng; Xiaofeng Hou; Jiacheng Liu
		29028	Pareto-Based Heterogeneous Knowledge Distillation for MLPs on Graphs	Wenrui Zhao; Yijun Tian; Zhichao Xu; Yawei Wang; Chuxu Zhang
		23339	HALO: Hardware-Aware Quantization with Low Critical-Path-Delay Weights for LLM Acceleration	Rohan Juneja; Shivam Aggarwal; Safeen Huda; Tulika Mitra; Li-Shiuan Peh
		14548	Universal EEG Epilepsy Detection via Evidential Multi-View De-Biasing	Ziqi Wen; Cai Xu; Wanqing Zhao; Jie Zhao; Wei Zhao
		12636	The Semantic Architect: How FEAML Bridges Structured Data and LLMs for Multi-Label Tasks	Wanfu Gao; Zebin He; Jun Gao
Sunday, Jan 25, 3:00-4:00pm	Machine Learning 24 (ML) Garnet 219	1737	Hypergraph-Based Multi-View Multi-Label Classification via Adaptive High-Order Semantic Fusion	Yi Shan; Liyang Gao; Yuena Lin; Zhen Yang; Gengyu Lyu; Honggui Han
		1679	QuMAB: Query-based Multi-annotator Behavior Pattern Learning	Liyun Zhang; Zheng Lian; Hong Liu; Takanori Takebe; Shozo Nishii; Yuta Nakashima
		27163	A Unified Convergence Analysis for Semi-Decentralized Learning: Sampled-to-Sampled vs. Sampled-to-All Communication	Angelo Rodio; Giovanni Neglia; Zheng Chen; Erik G. Larsson
		13602	Truth, Justice, and Secrecy: Cake Cutting Under Privacy Constraints	Yaron Salman; Tamir Tassa; Omer Lev; Roie Zivan
	Game Theory and Economic Paradigms 3 (GTEP) Opal 105-106	11431	Multi-District School Choice: Playing on Several Fields	Yannai A. Gonczarowski; Michael Yin; Shirley Zhang
		18430	Fairness in Repeated Matching: A Maximin Perspective	Eugene Lim; Tzeh Yuan Neoh; Nicholas Teh
		13319	Pacing Equilibria in Second-Price Auctions with Few Buyers	Yonglei Yan; Zihe Wang; Zhengyang Liu
		8997	Weakest Bidder Types and New Core-Selecting Combinatorial Auctions	Siddharth Prasad; Maria Florina Balcan; Tuomas Sandholm
Sunday, Jan 25, 3:00-4:00pm	NLP: Question Answering 1 (NLP) Peridot 202	15355	Collaborative Enhancement of Large and Small Models for Question Answering via Dual Knowledge Transfer	Shaofei Wang; Yunan Liu; Xiaolan Tang; Wenlong Chen
		28776	Beyond Fact Retrieval: Episodic Memory for RAG with Generative Semantic Workspaces	Shreyas Rajesh; Pavan Holur; Chenda Duan; David Chong; Vwani Roychowdhury
		16805	CLER: Improving Multimodal Financial Reasoning by Cross-MLLM Error Reflection	Shuangyan Deng; Zhongsheng Wang; Rui Mao; Ciprian Doru Giurcăneanu; Jiamou Liu
		8693	Modeling Uncertainty Trends for Timely Retrieval in Dynamic RAG	Bo Li; Tian Tian; Zhenghua Xu; Hao Cheng; Shikun Zhang; Wei Ye
		4965	DomainCQA: Crafting Knowledge-Intensive QA from Domain-Specific Charts	Yujing Lu; Ling Zhong; Jing Yang; Weiming Li; Peng Wei; Yongheng Wang; Manni Duan; Qing Zhang
		30389	KeepKV: Achieving Periodic Lossless KV Cache Compression for Efficient LLM Inference	Yuxuan Tian; Zihan Wang; Yebo Peng; Aomufei Yuan; Zhiming Wang; Bairen Yi; Xin Liu; Yong Cui; Tong Yang
		15272	Reducing the Scope of Language Models	David Yunis; Siyu Huo; Chulaka Gunasekara; Danish Contractor

Sunday, Jan 25, 3:00-4:00pm	KRR: Description Logics 1 (KRR) Peridot 204	26505	LLM Collaborative Filtering: User-Item Graph as New Language	Huachi Zhou; Yujing Zhang; Hao Chen; Qinggang Zhang; Qijie Shen; Feiran Huang; Xiao Huang
		29538	SheetBrain: A Neuro-Symbolic Agent for Accurate Reasoning over Complex and Large Spreadsheets	Ziwei Wang; Jiayuan Su; Mengyu Zhou; Huaxing Zeng; Mengni Jia; Xiao Lv; Haoyu Dong; Xiaojun Ma; Shi Han; Dongmei Zhang
		1635	CliCARE: Grounding Large Language Models in Clinical Guidelines for Decision Support over Longitudinal Cancer Electronic Health Records	Dongchen Li; Jitao Liang; Wei Li; Xiaoyu Wang; Longbing Cao; Kun Yu
		11228	The Correspondence Between Bounded Graph Neural Networks and Fragments of First-Order Logic	Bernardo Cuenca Grau; Eva Feng; Przemysław Andrzej Wałęga
		10802	Data Complexity of Querying Description Logic Knowledge Bases Under Cost-Based Semantics	Meghyn Bienvenu; Quentin Manière
		20466	Description Logics with Two Types of Definite Descriptions: Complexity, Expressiveness, and Automated Deduction	Michał Sochański; Przemysław Andrzej Wałęga; Michał Zawadzki
		16979	Revisiting Conjunctive Query Entailment for S	Yazmín Ibáñez-García; Jean Christoph Jung; Vincent Michielini; Filip Murlak
Sunday, Jan 25, 3:00-4:00pm	DMKM: Graph Mining, Social Network Analysis & Community 3 (DMKM) Peridot 206	26650	Extending Description Logics with Generic Concepts – the Case of Terminologies	Joshua Hirschbrunn; Yevgeny Kazakov
		14884	Exploring Domain Generalization and Subpopulation Shift for Generalizable Graph-Level Anomaly Detection	Xiaoxiang Li; Xihe Xie; Hai Wan; Xibin Zhao
		24002	GIER: Addressing Class Imbalance in GNNs Through Experience Replay	Liu Yang; Chuyao Liu; Zidong Wang; Tingxuan Chen; Mengni Chen; Hongyu Zhang
		1642	Beyond Local Patterns: Multiscale Inconsistency Learning for Graph Anomaly Detection	Jie Lian; Zhihao Wu; Jielong Lu; Jiajun Yu; Qianqian Shen; Haishuai Wang
		4071	From Subtle to Significant: Prompt-Driven Self-Improving Optimization in Test-Time Graph OOD Detection	Luzhi Wang; Xuanshuo Fu; He Zhang; Chuang Liu; Xiaobao Wang; Hongbo Liu
		1447	Privacy Auditing of Multi-Domain Graph Pre-Trained Model Under Membership Inference Attacks	Jiayi Luo; Qingyun Sun; Yuecen Wei; Haonan Yuan; Xingcheng Fu; Jianxin Li
		783	Reasoning About the Unsaid: Misinformation Detection with Omission-Aware Graph Inference	Zhengjia Wang; Danding Wang; Qiang Sheng; Jiaying Wu; Juan Cao
Sunday, Jan 25, 3:00-4:00pm	APP: Misinformation & Fake News 1 (APP) Tourmaline 207-209	24862	Toward Multimodal Fake News Detection by Multi-perspective Rationale Generation and	Junyang Chen; Yueqian Li; Ka Chung Ng; Huan Wang; Liang-Jie Zhang
		25492	Weakly-Supervised Image Forgery Localization via Vision-Language Collaborative Reasoning Framework	Ziqi Sheng; Junyan Wu; Wei Lu; Jiantao Zhou
		18222	T2Agent: A Tool-augmented Multimodal Misinformation Detection Agent with Monte Carlo Tree Search	Xing Cui; Yueying Zou; Zekun Li; Peipei Li; Xinyuan Xu; Xuannan Liu; Huaibo Huang
		30060	Unveiling the Attribute Misbinding Threat in Identity-Preserving Models	Junming Fu; Jishen Zeng; Yi Jiang; Peiyu Zhuang; Baoying Chen; Siyu Lu; Jianquan Yang
		21330	Towards Spatially Consistent Image Generation: On Incorporating Intrinsic Scene Properties into Diffusion Models	Hyundo Lee; Suhjung Choi; Inwoo Hwang; Byoung-Tak Zhang
		14874	FIA-Edit: Frequency-Interactive Attention for Efficient and High-Fidelity Inversion-Free Text-Guided Image Editing	Kaixiang Yang; Boyang Shen; Xin Li; Yuchen Dai; Yuxuan Luo; Yueran Ma; Wei Fang; Qiang Li; Zhiwei Wang
		26745	Benchmarking Visual LLMs Resilience to Unanswerable Questions on Visually Rich Documents	Davide Napolitano; Luca Cagliero; Fabrizio Battiloro
Sunday, Jan 25, 4:30-5:30pm	Computer Vision 34 (CV) Garnet 212	14893	VideoChat-A1: Thinking with Long Videos by Chain-of-Shot Reasoning	Zikang Wang; Boyu Chen; Zhengrong Yue; Yi Wang; Yu Qiao; Limin Wang; Yali Wang
		9102	Robust-R1: Degradation-Aware Reasoning for Robust Visual Understanding	Jiaqi Tang; Jianmin Chen; Wei Wei; Xiaogang Xu; Runtao Liu; Xiangyu Wu; Qipeng Xie; Jiafei Wu; Lei Zhang; Qifeng Chen
		3361	Disentangling Adversarial Prompts: A Semantic-Graph Defense for Robust LLM Security	Xiang Fang; Wanlong Fang
		654	Human2Robot: Learning Robot Actions from Paired Human-Robot Videos	Sicheng Xie; Haidong Cao; Zejia Weng; Zhen Xing; Haoran Chen; Shiwei Shen; Jiaqi Leng; Zuxuan Wu; Yu-Gang Jiang
		8979	Improving the Convergence Rate of Ray Search Optimization for Query-Efficient Hard-Label Attacks	Xinjie Xu; Shuyu Cheng; Dongwei Xu; Qi Xuan; Chen Ma
		18281	X-ReID: Multi-granularity Information Interaction for Video-Based Visible-Infrared Person Re-Identification	Chenyang Yu; Xuehu Liu; Pingping Zhang; Huchuan Lu

		19430	Decoupling Scene Perception and Ego Status: A Multi-Context Fusion Approach for Enhanced Generalization in End-to-End Autonomous Driving	Jiacheng Tang; Mingyue Feng; Jiachao Liu; Yaonong Wang; Jian Pu
Sunday, Jan 25, 4:30-5:30pm	CV: 3D Computer Vision 3 (CV) Garnet 214	11096	PMGS: Reconstruction of Projectile Motion Across Large Spatiotemporal Spans via 3D Gaussian Splatting	Yijun Xu; Jingrui Zhang; Yuhao Chen; Dingwen Wang; Lei Yu; Chu He
		8057	FreeGaussian: Annotation-free Control of Articulated Objects via 3D Gaussian Splats with Flow Derivatives	Qizhi Chen; Delin Qu; Junli Liu; Yiwen Tang; Haoming Song; Dong Wang; Yuan Yuan; Bin Zhao
		2132	EPSegFZ: Efficient Point Cloud Semantic Segmentation for Few- and Zero-Shot Scenarios with Language Guidance	Jiahui Wang; Haiyue Zhu; Haoren Guo; Abdullah Al Mamun; Cheng Xiang; Tong Heng Lee
		9764	DBGGroup: Dual-Branch Point Grouping for Weakly Supervised 3D Semantic Instance	Xuexun Liu; Xiaoxu Xu; Qiudan Zhang; Lin Ma; Xu Wang
		19208	CoordAR: One-Reference 6D Pose Estimation of Novel Objects via Autoregressive Coordinate Map Generation	Dexin Zuo; Ang Li; Wei Wang; Wenxian Yu; Danping Zou
Sunday, Jan 25, 4:30-5:30pm	ML: Reinforcement Learning 5 (ML) Garnet 216	23127	Context-Sensitive Abstractions for Reinforcement Learning with Parameterized Actions	Rashmeet Kaur Nayyar; Naman Shah; Siddharth Srivastava
		21769	Offline Fictitious Self-Play for Competitive Games	Jingxiao Chen; Weiji Xie; Weinan Zhang; Yong Yu; Ying Wen
		25927	Do It for HER: First-Order Temporal Logic Reward Specification in Reinforcement Learning	Pierriccardo Olivieri; Fausto Lasca; Alessandro Gianola; Matteo Papini
		11403	Convergence of Fast Policy Iteration in Markov Games and Robust MDPs	Keith Badger; Jefferson Huang; Marek Petrik
		29633	Beyond Monotonicity: Revisiting Factorization Principles in Multi-Agent Q-Learning	Tianmeng Hu; Yongzheng Cui; Rui Tang; Biao Luo; Ke Li
Sunday, Jan 25, 4:30-5:30pm	ML: Multimodal Learning 4 (ML) Garnet 217	3299	HiMo-CLIP: Modeling Semantic Hierarchy and Monotonicity in Vision-Language Alignment	Ruijia Wu; Ping Chen; Fei Shen; Shaoan Zhao; Qiang Hui; Huanlin Gao; Ting Lu; Zhaoxiang Liu; Fang Zhao; Kai Wang; Shiguo Lian
		24202	Medical Vision-Language Pretraining with LLM-Guided Temporal Supervision	Liang Bai; Zhi Wang; Huimin Yan; Xian Yang
		548	HALoRA: Low-Rank Adaptation with Hierarchical Budget Allocation for Efficient Vision-Language Alignment	Letian Zhang; Guanghao Meng; XuDong Ren; Jinpeng Wang
		28568	Towards Long-window Anchoring in Vision-Language Model Distillation	Haoyi Zhou; Shuo Li; Tianyu Chen; Qi Song; Chonghan Gao; Jianxin Li
		17479	RMAdapter: Reconstruction-based Multi-Modal Adapter for Vision-Language Models	Xiang Lin; Weixin Li; Shu Guo; Lihong Wang; Di Huang
Sunday, Jan 25, 4:30-5:30pm	Machine Learning 25 (ML) Garnet 218	19101	HyperSHAP: Shapley Values and Interactions for Explaining Hyperparameter Optimization	Marcel Wever; Maximilian Muschalik; Fabian Fumagalli; Marius Lindauer
		8059	Differentiable Sparse Identification of Lagrangian Dynamics	Zitong Zhang; Hao Sun
		12982	Making Sense of LLM Decisions: A Prototype-based Framework for Explainable Classification	Bowen Wei; Mehrdad Fazli; Ziwei Zhu
		12469	On Stealing Graph Neural Network Models	Marcin Podhajski; Jan Dubiński; Franziska Boenisch; Adam Dziedzic; Agnieszka Pręgoswska; Tomasz Paweł Michalak
		28033	Forest vs Tree: The (N, K) Trade-off in Reproducible ML Evaluation	Deepak Pandita; Flip Korn; Chris Welty; Christopher M Homan
Sunday, Jan 25, 4:30-5:30pm	ML: Evaluation and Analysis 1 (ML) Garnet 219	2969	Scaling-up Perceptual Video Quality Assessment	Ziheng Jia; Zicheng Zhang; Xiaorong Zhu; Chunyi Li; Jinliang Han; Xiaohong Liu; Guangtao Zhai; Xiongkuo Min
		26382	LUCID: Learning-Enabled Uncertainty-Aware Certification of Stochastic Dynamical Systems	Ernesto Casablanca; Oliver Schön; Paolo Zuliani; Sadegh Soudjani
		30292	CrossCheck-Bench: Diagnosing Compositional Failures in Multimodal Conflict Resolution	Baoliang Tian; Yuxuan Si; Jilong Wang; LingYao Li; Zhongyuan Bao; Zineng Zhou; Tao Wang; Sixu Li; Ziyao Xu; Mingze Wang; Zhouzhuo Zhang; Zhihao Wang; Yi Ke Yun; Ke Tian; Ning Yang; Minghui Qiu
		14375	MoHoBench: Assessing Honesty of Multimodal Large Language Models via Unanswerable Visual Questions	Yanxu Zhu; Shitong Duan; Xiangxu Zhang; Jitao Sang; Peng Zhang; Tun Lu; Xiao Zhou; Jing Yao; Xiaoyuan Yi; Xing Xie
		23353	MoCast: Learning Turbulent Motions Under Physical Guidance for Precipitation Nowcasting	Binqing Wu; Weiqi Chen; Shiyu Liu; Zongjiang Shang; Haiou Wang; Liang Sun; Ling Chen
Sunday, Jan 25, 4:30-5:30pm	DMKM: Mining of Spatial, Temporal or Spatio-Temporal Data 2	12473	Hierarchical Frequency-Decomposition Graph Neural Networks for Road Network Representation Learning	Jingtian Ma; Jingyuan Wang; Leong Hou U
		8480	HyperD: Hybrid Periodicity Decoupling Framework for Traffic Forecasting	Minlan Shao; Zijian Zhang; Yili Wang; Yiwei Dai; Xu Shen; Xin Wang

	(DMKM) Opal 105-106	24996	Spatial-Temporal Feedback Diffusion Guidance for Controlled Traffic Imputation	Xiaowei Mao; Huihu Ding; Yan Lin; Tingrui Wu; Shengnan Guo; Dazhuo Qiu; Feiling Fang; Jilin Hu; Huaiyu Wan
		2852	Region-Point Joint Representation for Effective Trajectory Similarity Learning	Hao Long; Silin Zhou; Lisi Chen; Shuo Shang
Sunday, Jan 25, 4:30-5:30pm	Natural Language Processing 17 (NLP) Peridot 202	18358	SkillGen: Learning Domain Skills for In-Context Sequential Decision Making	Ruomeng Ding; Wei Cheng; Minglai Shao; Chen Zhao
		14601	In-Token Rationality Optimization: Towards Accurate and Concise LLM Reasoning via Self-Feedback	Mingye Zhu; Yi Liu; Zheren Fu; Quan Wang; Yongdong Zhang
		26936	Interpreting Fedspeak with Confidence: A LLM-Based Uncertainty-Aware Framework Guided by Monetary Policy Transmission Paths	Rui Yao; Qi Chai; Jinhai Yao; Siyuan Li; Junhao Chen; Qi Zhang; Hao Wang
		2938	AsFT: Anchoring Safety During LLM Fine-Tuning Within Narrow Safety Basin	Shuo Yang; Qihui Zhang; Yuyang Liu; Yue Huang; Xiaojun Jia; Kun-Peng Ning; Jia-Yu Yao; Jigang Wang; Dai Hailiang; Yibing Song; Li Yuan Shimao Zhang; Zhejian Lai; Xiang Liu; Shuaijie She; Xiao Liu; Yeyun Gong; Shujian Huang; Jiajun Chen
		27119	How Does Alignment Enhance LLMs' Multilingual Capabilities? A Language Neurons Perspective	Zhengyu Chen; Yudong Wang; Teng Xiao; Ruochen Zhou; Xusheng Yang; Wei Wang; Zhifang Sui; Jingang Wang
Sunday, Jan 25, 4:30-5:30pm	NLP: (Large) Language Models 6 (NLP) Peridot 203	21270	From Mathematical Reasoning to Code: Generalization of Process Reward Models in Test-Time Scaling	Xi Chen; Aske Plaat; Niki van Stein
		7685	How Does Chain of Thought Think? Mechanistic Interpretability of Chain-of-Thought Reasoning with Sparse Autoencoding	
		22495	Decoupling Knowledge and Reasoning in LLMs: An Exploration Using Cognitive Dual-System Theory	Mutian Yang; Jiandong Gao; Ji Wu
		18952	Joint Evaluation of Answer and Reasoning Consistency for Hallucination Detection in Large Reasoning Models	Changyue Wang; Weihang Su; Qingyao Ai; Yiqun Liu
		22006	Making Every Head Count: Sparse Attention Without the Speed-Performance Trade-off	Mingkuan Zhao; Wentao Hu; Jiayin Wang; Xin Lai; Tianchen Huang; Yuheng Min; Rui Yan; Xiaoyan Zhu
Sunday, Jan 25, 4:30-5:30pm	KRR: Action, Change, and Causality 1 (KRR) Peridot 204	28437	Enhancing Strategy Logic with Procedural Rationality	Ruiqi Jin; Shuyi Li; Yongmei Liu
		4509	Decidable Multi-agent Epistemic Planning: A Situation Calculus Approach	Qihui Feng; Gerhard Lakemeyer
		14670	Strategic Reasoning over Golog Programs in the Nondeterministic Situation Calculus	Giuseppe De Giacomo; Yves Lesperance; Matteo Mancanelli
		12897	Causal, Strategic, and Combined Responsibility Attribution in Situation Calculus Concurrent Game Structures	MohammadHossein Karimian; Shakil M Khan; Yves Lesperance
		20528	Model Change for Description Logic Concepts	Ana Ozaki; Jandson S Ribeiro
Sunday, Jan 25, 4:30-5:30pm	DMKM: Recommender Systems 5 (DMKM) Peridot 206	3522	Align ³ GR: Unified Multi-Level Alignment for LLM-based Generative Recommendation	Wencai Ye; Mingjie Sun; Shuhang Chen; Wenjin Wu; Peng Jiang
		21878	DiMA: Distinguishing Resident and Tourist Preferences via Multi-Modal LLM Alignment for Out-of-Town Cross-Domain Recommendation	Fan Zhang; Jinpeng Chen; Tao Wang; Huan Li; Senzhang Wang; Feifei Kou; Ye Ji; Kaimin Wei; Zhenye Yang
		11827	Dual-Perspective Disentanglement: Learning Symmetric Group-Aware Representations for Cross-Domain Recommendation	Borui Wu; Yuanbo Xu
		6017	Multi-Aspect Cross-modal Quantization for Generative Recommendation	Fuwei Zhang; Xiaoyu Liu; Dongbo Xi; Jishen Yin; Huan Chen; Peng Yan; Fuzhen Zhuang; Zhao Zhang
		16393	Task-Aware Meta-Learning on Heterogeneous Knowledge Graph for POI Recommendation	Jingyuan Wang; Zhichun Wang; Tong Lu; Yiming Guan
Sunday, Jan 25, 4:30-5:30pm	Applications of AI 3 (APP) Tourmaline 207-209	8819	Bot Meets Shortcut: How Can LLMs Aid in Handling Unknown Invariance OOD Scenarios?	Shiyan Zheng; Herun Wan; Minnan Luo; Junhang Huang
		20475	Estimating Online Influence Needs Causal Modeling! Counterfactual Analysis of Misinformation Engagement on Social Media	Lin Tian; Marian-Andrei Rizoiu
		16054	Learning to Curate Context: Jointly Optimizing Retrieval and Prediction for Multimodal Social Media Popularity	Xovee Xu; Shuojun Lin; Fan Zhou; Jingkuan Song
		8322	RCAFlow: A Workflow-Informed Hierarchical Planning Multi-Agent System for Root Cause Analysis	Yufei Gao; Zhengong Cai; Bowei Yang
		18421	Rethinking Crystal Symmetry Prediction: A Decoupled Perspective	Liheng Yu; Zhe Zhao; Xucong Wang; Di Wu; Pengkun Wang