

Thursday, February 22, 9:30-10:45am			
Applications	ID	Paper Title	Paper Authors
	7609	Prompt to Transfer: Sim-to-Real Transfer for Traffic Signal Control with Prompt Learning	Longchao Da, Minquan Gao, Hao Mei, Hua Wei
	8941	GxVAEs: Two Joint VAEs Generate Hit Molecules from Gene Expression Profiles	Chen Li; Yoshihiro Yamanishi
	10058	Uncertainty Quantification for Forward and Inverse Problems of PDEs via Latent Global Evolution	Tailin Wu; Willie Neiswanger; Hongtao Zheng; Stefano Ermon; Jure Leskovec
	13090	A Diffusion-Based Pre-training Framework for Crystal Property Prediction	Zixing Song; Ziqiao Meng; Irwin King
	13692	A Multi-Modal Contrastive Diffusion Model for Therapeutic Peptide Generation	Yongkang Wang; Xuan Liu; Feng Huang; Zhankun Xiong; Wen Zhang
Machine Learning			
	1429	Understanding the Generalization of Pretrained Diffusion Models on Out-of-Distribution Data	Sai Niranjan Ramachandran; Rudrabha Mukhopadhyay; Madhav Agarwal; C.V. Jawahar; Vinay Nambodiri
	8446	HyperFast: Instant Classification for Tabular Data	David Bonet; Daniel Mas Montserrat; Xavier Giró-i-Nieto; Alexander Ioannidis
	8880	Terrain Diffusion Network: Climatic-Aware Terrain Generation with Geological Sketch Guidance	Zexin Hu; Kun Hu; Clinton Mo; Lei Pan; Zhiyong Wang
	10410	Autoregressive Omni-Aware Outpainting for Open-Vocabulary 360-Degree Image Generation	Zhuqiang Lu; Kun Hu; Chaoyue Wang; Lei Bai; Zhiyong Wang
	13783	On Inference Stability for Diffusion Models	Viet Nguyen; Giang Vu; Tung Nguyen Thanh; Khoat Than; Toan Tran
Computer Vision			
	530	Recasting Regional Lighting for Shadow Removal	Yuhao Liu; Zhanghan Ke; Ke Xu; Fang Liu; Zhenwei Wang; Rynson W.H. Lau
	5624	Grab What You Need: Rethinking Complex Table Structure Recognition with Flexible Components Deliberation	Hao Liu; Xin Li; Mingming Gong; Bing Liu; Yunfei Wu; Deqiang Jiang; Yinsong Liu; Xing Sun
	5991	Neighborhood-Enhanced 3D Human Pose Estimation with Monocular LiDAR in Long-Range Outdoor Scenes	Jingyi Zhang; Qihong Mao; Guosheng Hu; Siqi Shen; Cheng Wang
	6220	Frozen CLIP Transformer Is an Efficient Point Cloud Encoder	Xiaoshui Huang; Zhou Huang; Sheng Li; Qu Wentao; Tong He; Yuenan Hou; Yifan Zuo; Wanli Ouyang
	12872	Neural Physical Simulation with Multi-Resolution Hash Grid Encoding	Haoxiang Wang; Tao Yu; Tianwei Yang; Hui Qiao; Dai Qionghai
Machine Learning			
	1054	On the Robustness of Neural-Enhanced Video Streaming against Adversarial Attacks	Qihua Zhou; Jingcai Guo; Song Guo; Ruibin Li; Jie Zhang; Bingjie Wang; Zhenda Xu
	5469	Effect Size Estimation for Duration Recommendation in Online Experiments: Leveraging Hierarchical Models and Objective Utility Approaches	Yu Liu; Runzhe Wan; James McQueen; Doug Hains; Jinxiang Gu; Rui Song
	8142	FLAME: A Small Language Model for Spreadsheet Formulas	Harshit Joshi; José Cambronero Sanchez; Abishai Ebenezer; Sumit Gulwani; Aditya Kanade; Vu Le; Gust Verbruggen; Ivan Radiček
	12871	Optimal Attack and Defense for Reinforcement Learning	Jeremy McMahan; Young Wu; Xiaojin Zhu; Qiaomin Xie
	14185	Performative Federated Learning: A Solution to Model-Dependent and Heterogeneous Distribution Shifts	Kun Jin; Tongxin Yin; Zhongzhu Chen; Zeyu Sun; Xueru Zhang; Yang Liu; Mingyan Liu
Thursday, February 22, 11:15am - 12:30pm			
Machine Learning			
	6865	Spiking NeRF: Representing the Real-World Geometry by a Discontinuous Representation	Zhanfeng Liao; Yan Liu; Qian Zheng; Gang Pan
	8480	Uncertainty Regularized Evidential Regression	Kai Ye; Tiejun Chen; Hua Wei; Liang Zhan
	9277	Uncertainty Quantification for Data-Driven Change-Point Learning via Cross-Validation	Hui Chen; Yinxiu Jia; Guanghui Wang; Changliang Zou
	13876	Partial Label Learning with a Partner	Chongjie Si; Zekun Jiang; Xuehui Wang; Yan Wang; Xiaokang Yang; Wei Shen
	14179	Understanding and Improving Optimization in Predictive Coding Networks	Nicholas Alonso; Jeffrey Krichmar; Emre Neftci
NLP			
	7782	UMIE: Unified Multimodal Information Extraction with Instruction Tuning	Lin Sun; Kai Zhang; Qingyuan Li; Renze Lou
	12949	Chain-of-Thought Improves Text Generation with Citations in Large Language Models	Bin Ji; Huijun Liu; Mingzhe Du; See-Kiong Ng

	13715	Well, Now We Know! Unveiling Sarcasm: Initiating and Exploring Multimodal Conversations with Reasoning	Gopendra Singh; Mauajama Firdaus; Dushyant Singh Chauhan; Asif Ekbal; Pushpak Bhattacharyya
	13722	Turning Dust into Gold: Distilling Complex Reasoning Capabilities from LLMs by Leveraging Negative Data	Yiwei Li; Peiwen Yuan; Shaoxiong Feng; Boyuan Pan; Bin Sun; Xinglin Wang; Heda Wang; Kan Li
	14209	Beyond Attention: Breaking the Limits of Transformer Context Length with Recurrent Memory	Aydar Bulatov; Yuri Kuratov; Yermek Kapushev; Mikhail Burtsev
Philosophy and Ethics			
	2535	Batch Normalization Is Blind to the First and Second Derivatives of the Loss	Zhanpeng Zhou; Wen Shen; Huixin Chen; Ling Tang; Yuefeng Chen; Quanshi Zhang
	3009	A Cross-View Hierarchical Graph Learning Hypernetwork for Skill Demand-Supply Joint Prediction	Wenshuo Chao; Zhaopeng Qiu; Likang Wu; Zhuoning Guo; Zhi Zheng; Hengshu Zhu; Hao Liu
	3914	Resource Democratization: Is Compute the Binding Constraint on AI Research?	Rebecca Gelles; Veronica Kinoshita; Micah Musser; James Dunham
	7320	Regulating AI: Applying Insights from Behavioural Economics and Psychology to the Application of Article 5 of the EU AI Act	Huixin Zhong; Eamonn O'Neill; Janina Hoffmann
	12279	Value Kaleidoscope: Engaging AI with Pluralistic Human Values, Rights, and Duties	Taylor Sorensen; Liwei Jiang; Jena Hwang; Sydney Levine; Valentina Pyatkin; Peter West; Nouha Dziri; Ximing Lu; Kavel Rao; Chandra Bhagavatula; Maarten Sap; John Tasioulas; Yejin Choi
Game Theory and Economic Paradigms (GTEP)			
	466	Refined Characterizations of Approval-Based Committee Scoring Rules	Chris Dong; Patrick Lederer
	2401	Participation Incentives in Approval-Based Committee Elections	Martin Bullinger; Chris Dong; Patrick Lederer; Clara Mehler
	3212	Low-Distortion Clustering with Ordinal and Limited Cardinal Information	Jakob Burkhardt; Ioannis Caragiannis; Karl Fehrs; Matteo Russo; Chris Schwiegelshohn; Sudarshan Shyam
	3271	Spatial Voting with Incomplete Voter Information	Aviram Imber; Jonas Israel; Markus Brill; Hadas Shachnai; Benny Kimelfeld
	3911	The Moderating Effect of Instant Runoff Voting	Kiran Tomlinson; Johan Ugander; Jon Kleinberg
Thursday, February 22, 2:00 - 3:15pm			
Data Mining & Knowledge Management (DMKM)			
	5512	Motif-Aware Riemannian Graph Neural Network with Generative-Contrastive Learning	Li Sun; Zhenhao Huang; Zixi Wang; Feiyang Wang; Hao Peng; Philip Yu
	6464	Graph Neural Networks with Soft Association between Topology and Attribute	Yachao Yang; Yanfeng Sun; Shaofan Wang; Jipeng Guo; Junbin Gao; Fujiao Ju; Baocai Yin
	7902	Model Counting and Sampling via Semiring Extensions	Andreas Goral; Joachim Giesen; Mark Blacher; Christoph Staudt; Julien Klaus
	8174	KG-TREAT: Pre-training for Treatment Effect Estimation by Synergizing Patient Data with Knowledge Graphs	Ruoqi Liu; Lingfei Wu; Ping Zhang
	11145	Graph Invariant Learning with Subgraph Co-mixup for Out-of-Distribution Generalization	Tianrui Jia; Haoyang Li; Cheng Yang; Tao Tao; Chuan Shi
Knowledge Representation			
	3164	Learning MDL Logic Programs from Noisy Data	Céline Hocquette; Andreas Niskanen; Matti Järvisalo; Andrew Cropper
	6732	Scalable Enumeration of Trap Spaces in Boolean Networks via Answer Set Programming	Giang Trinh; Belaid Benhamou; Samuel Pastva; Sylvain Soliman
	9168	BeliefFlow: A Framework for Logic-Based Belief Diffusion via Iterated Belief Change	Nicolas Schwind; Katsumi Inoue; Sébastien Konieczny; Pierre Marquis
	10290	Exact ASP Counting with Compact Encodings	Mohimenu Kabir; Supratik Chakraborty; Kuldeep S Meel
	11662	Computing the Why-Provenance for Datalog Queries via SAT Solvers	Marco Calautti; Ester Livshits; Andreas Pieris; Markus Schneider
Machine Learning			
	2636	GradTree: Learning Axis-Aligned Decision Trees with Gradient Descent	Sascha Marton; Stefan Lüdtkke; Christian Bartelt; Heiner Stuckenschmidt
	4505	Causal Strategic Learning with Competitive Selection	Kiet Q. H. Vo; Muneeb Aadil; Siu Lun Chau; Krikamol Muandet
	6795	DeepSaDe: Learning Neural Networks That Guarantee Domain Constraint Satisfaction	Kshitij Goyal; Sebastijan Dumancic; Hendrik Blockeel

	12181	What Do Hebbian Learners Learn? Reduction Axioms for Unstable Hebbian Learning	Caleb Schultz Kisby; Saúl Blanco; Larry Moss
	12437	Towards Safe Policy Learning under Partial Identifiability: A Causal Approach	Shalmali Joshi; Junzhe Zhang; Elias Bareinboim
Search and optimization			
	3907	Parallel Beam Search Algorithms for Domain-Independent Dynamic Programming	Ryo Kuroiwa; J. Christopher Beck
	6189	Sampling for Beyond-Worst-Case Online Ranking	Qingyun Chen; Sungjin Im; Benjamin Moseley; Chenyang Xu; Ruilong Zhang
	6589	KD-Club: An Efficient Exact Algorithm with New Coloring-Based Upper Bound for the Maximum K-defective Clique Problem	Jiongzhi Zheng; Mingming Jin; Kun He
	10025	A Fast Exact Solver with Theoretical Analysis for the Maximum Edge-Weighted Clique Problem	Lu Liu; Mingyu Xiao; Yi Zhou
	12620	Accelerating Cutting-Plane Algorithms via Reinforcement Learning Surrogates	Kyle Mana; Fernando Acero; Stephen Mak; Parisa Zehtabi; Michael Cashmore; Daniele Magazzeni; Manuela Veloso

Friday, February 23, 11:15am - 12:30pm			
Machine Learning	ID	Paper Title	Paper Authors
	6423	Learning Broadcast Protocols	Dana Fisman; Noa Izsak; Swen Jacobs
	6763	Evolving Parameterized Prompt Memory for Continual Learning	Muhammad Rifki Kurniawan; Xiang Song; Zhiheng Ma; Yuhang He; Yihong Gong; Yang Qi; Xing Wei
	7821	MIND: Multi-Task Incremental Network Distillation	Francesco Pelosin; Jacopo Bonato; Luigi Sabetta; Alessandro Nicolosi
	10695	Recall-Oriented Continual Learning with Generative Adversarial Meta-Model	Haneol Kang; Dong-Wan Choi
	13893	Doubly Perturbed Task Free Continual Learning	Byung Hyun Lee; Min-hwan Oh; Se Young Chun
Machine Learning			
	2861	NeRF-LiDAR: Generating Realistic LiDAR Point Clouds with Neural Radiance Fields	Junge Zhang; Feihu Zhang; Shaochen Kuang; Li Zhang
	4099	FedMut: Generalized Federated Learning via Stochastic Mutation	Ming Hu; Cao Yue; Anran Li; Zhiming Li; Chengwei Liu; Tianlin Li; Mingsong Chen; Yang Liu
	12742	Review-Enhanced Hierarchical Contrastive Learning for Recommendation	Ke Wang; Yanmin Zhu; Tianzi Zang; Chunyang Wang; Mengyuan Jing
	13120	On Disentanglement of Asymmetrical Knowledge Transfer for Modality-Task Agnostic Federated Learning	Jiayi Chen; Aidong Zhang
	14212	Convolutional Channel-Wise Competitive Learning for the Forward-Forward Algorithm	Andreas Papachristodoulou; Christos Kyrkou; Stelios Timotheou; Theocharis Theocharides
Computer vision			
	2726	PathAsst: A Generative Foundation AI Assistant towards Artificial General Intelligence of Pathology	Yuxuan Sun; Chenglu Zhu; Sunyi Zheng; Kai Zhang; Lin Sun; Zhongyi Shui; Yunlong Zhang; Honglin Li; Lin Yang
	3060	Context-I2W: Mapping Images to Context-Dependent Words for Accurate Zero-Shot Composed Image Retrieval	Yuanmin Tang; Jing Yu; Keke Gai; Zhuang JiaMin; Gang Xiong; Yue Hu; Qi Wu
	3670	S3A: Towards Realistic Zero-Shot Classification via Self Structural Semantic Alignment	Sheng Zhang; Muzammal Naseer; Guangyi Chen; Zhiqiang Shen; Salman Khan; Kun Zhang; Fahad Shahbaz Khan
	6411	p-Laplacian Adaptation for Generative Pre-trained Vision-Language Models	Haoyuan Wu; Xinyun Zhang; Peng Xu; Peiyu Liao; Xufeng Yao; Bei Yu
Constraint Satisfaction and Optimization			
	2756	What Are the Rules? Discovering Constraints from Data	Boris Wiegand; Dietrich Klakow; Jilles Vreeken
	12641	Robust Beamforming for Downlink Multi-Cell Systems: A Bilevel Optimization Perspective	Xingdi Chen; Yu Xiong; Kai YANG
	13283	Encoding Constraints as Binary Constraint Networks Satisfying BTP	Ruiwei Wang

	14164	On Partial Optimal Transport: Revising the Infeasibility of Sinkhorn and Efficient Gradient Methods	Anh Duc Nguyen; Tuan Dung Nguyen; Quang Nguyen; Hoang Nguyen; Lam Nguyen; Kim-Chuan Toh
	14215	Approximation Scheme for Weighted Metric Clustering via Sherali-Adams	Dmitrii Avdiukhin; Vaggos Chatziafratis; Konstantin Makarychev; Grigory Yaroslavtsev
Friday, February 23, 2:00 - 3:15pm			
Machine Learning			
	2583	Arithmetic Feature Interaction Is Necessary for Deep Tabular Learning	Yi Cheng; Renjun Hu; Haochao Ying; Xing Shi; Jian Wu; Wei Lin
	3003	RedCore: Relative Advantage Aware Cross-Modal Representation Learning for Missing Modalities with Imbalanced Missing Rates	Jun Sun; Xinxin Zhang; Shoukang Han; Yu-Ping Ruan; Taihao Li
	8995	DC-NAS: Divide-and-Conquer Neural Architecture Search for Multi-Modal Classification	Xinyan Liang; Pinhan Fu; Qian Guo; Keyin Zheng; Yuhua Qian
	12351	Reliable Conflictive Multi-View Learning	Cai Xu; Jiajun Si; Ziyu Guan; Wei Zhao; Yue Wu; Xiyue Gao
	12535	Embedded Feature Selection on Graph-Based Multi-View Clustering	Guangfei Li; Haizhou Yang; Quanxue Gao; Qianqian Wang; Wenhui Zhao
Game Theory and Economic Paradigms (GTEP)			
	6712	Proportional Aggregation of Preferences for Sequential Decision Making	Nikhil Chandak; Shashwat Goel; Dominik Peters
	8347	Proportional Representation in Metric Spaces and Low-Distortion Committee Selection	Yusuf Kalayci; David Kempe; Vikram Kher
	8469	Manipulation-Robust Selection of Citizens' Assemblies	Bailey Flanigan; Jennifer Liang; Ariel Procaccia; Sven Wang
	9527	How to Make Knockout Tournaments More Popular?	Juhi Chaudhary; Hendrik Molter; Meirav Zehavi
	12713	Implications of Distance over Redistricting Maps: Central and Outlier Maps	Seyed Esmaeili; Darshan Chakrabarti; Hayley Grape; Brian Brubach
Multiagent Systems			
	5202	Imagine, Initialize, and Explore: An Effective Exploration Method in Multi-Agent Reinforcement Learning	Zeyang Liu; Lipeng Wan; Xinrui Yang; Zhuoran Chen; Xingyu Chen; Xuguang Lan
	9172	Decentralized Gradient-Free Methods for Stochastic Non-smooth Non-convex Optimization	Zhenwei Lin; Jingfan Xia; Qi Deng; Luo Luo
	10772	Protect Your Score: Contact-Tracing with Differential Privacy Guarantees	Rob Romijnders; Christos Louizos; Yuki Asano; Max Welling
	11395	ProAgent: Building Proactive Cooperative Agents with Large Language Models	Ceyao Zhang; Kaijie Yang; Siyi Hu; Zihao Wang; Guanghe Li; Yihang Sun; Cheng Zhang; Zhaowei Zhang; Anji Liu; Song-Chun Zhu; Xiaojun Chang; Junge Zhang; Feng Yin; Yitao Liang; Yaodong Yang

NLP and Planning			
	10318	FlexKBQA: A Flexible LLM-Powered Framework for Few-Shot Knowledge Base Question Answering	Zhenyu Li; Sunqi Fan; Yu Gu; Zhichao Duan; Bowen Dong; Ning Liu; Xiuxing Li; Jianyong Wang
	11066	Simplifying Complex Observation Models in Continuous POMDP Planning with Probabilistic Guarantees and Practice	Idan Lev-Yehudi; Moran Barenboim; Vadim Indelman
	12365	Tree-of-Reasoning Question Decomposition for Complex Question Answering with Large Language Models	Kun Zhang; Jiali Zeng; Fandong Meng; Yuanzhuo Wang; Shiqi Sun; Long Bai; Huawei Shen; Jie Zhou
	12474	A Surprisingly Simple Continuous-Action POMDP Solver: Lazy Cross-Entropy Search over Policy Trees	Marcus Hoerger; Hanna Kurniawati; Dirk Kroese; Nan Ye
	14043	Task Planning for Object Rearrangement in Multi-Room Environments	Karan Mirakhor; Sourav Ghosh; Dipanjan Das; Brojeshwar Bhowmick
Friday, February 23, 3:45 - 5:00pm			
Machine Learning			
	650	Regroup Median Loss for Combating Label Noise	Fengpeng Li; Kemou Li; Jinyu Tian; Jiantao Zhou
	1634	Navigating Real-World Partial Label Learning: Unveiling Fine-Grained Images with Attributes	Haoran Jiang; Zhihao Sun; Yingjie Tian
	4442	Multi-Class Support Vector Machine with Maximizing Minimum Margin	Feiping Nie; Zhezheng Hao; Rong Wang
	12235	Double-Bounded Optimal Transport for Advanced Clustering and Classification	Liangliang Shi; Zhaoqi Shen; Junchi Yan
	14148	Leaving the Nest: Going beyond Local Loss Functions for Predict-Then-Optimize	Sanket Shah; Bryan Wilder; Andrew Perrault; Milind Tambe
Computer vision			
	1487	Colorizing Monochromatic Radiance Fields	Yean Cheng; Renjie Wan; Shuchen Weng; Chengxuan Zhu; Yakun Chang; Boxin Shi
	5284	Data Distribution Distilled Generative Model for Generalized Zero-Shot Recognition	Yijie Wang; Mingjian Hong; Luwen Huangfu; Sheng Huang
	6361	AdaFormer: Efficient Transformer with Adaptive Token Sparsification for Image Super-resolution	Xiaotong Luo; zekun Ai; Qiuyuan Liang; Ding Liu; Yuan Xie; Yanyun Qu; Yun Fu
	7066	Federated Modality-Specific Encoders and Multimodal Anchors for Personalized Brain Tumor Segmentation	Qian Dai; Dong Wei; Hong Liu; Jinghan Sun; Liansheng Wang; Yefeng Zheng
Humans and AI			
	5006	Explaining Reinforcement Learning Agents through Counterfactual Action Outcomes	Yotam Amitai; Yael Friedler; Ofra Amir
	8410	When Are Two Lists Better than One?: Benefits and Harms in Joint Decision-Making	Kate Donahue; Sreenivas Gollapudi; Kostas Kollias
	11232	What Does a Query Answer Tell You? Informativeness of Query Answers for Knowledge Bases	Luca Andolfi; Gianluca Cima; Marco Console; Maurizio Lenzerini
	11647	Hierarchical Planning and Learning for Robots in Stochastic Settings Using Zero-Shot Option Invention	Naman Shah; Siddharth Srivastava

	12314	Goal Alignment: Re-analyzing Value Alignment Problems Using Human-Aware AI	Malek Mechergui; Sarath Sreedharan
Reasoning under uncertainty			
	3033	Colour Passing Revisited: Lifted Model Construction with Commutative Factors	Malte Luttermann; Tanya Braun; Ralf Möller; Marcel Gehrke
	7863	Model Counting and Sampling via Semiring Extensions	Andreas Goral; Joachim Giesen; Mark Blacher; Christoph Staudt; Julien Klaus
	9074	A Fixed-Parameter Tractable Algorithm for Counting Markov Equivalence Classes with the Same Skeleton	Vidya Sagar Sharma
	11198	Inference and Learning in Dynamic Decision Networks Using Knowledge Compilation	Gabriele Venturato; Vincent Derkinderen; Pedro Zuidberg Dos Martires; Luc De Raedt
	12864	Learning Bayesian Network Classifiers to Minimize the Class Variable Parameters	Shouta Sugahara; Koya Kato; Maomi Ueno

Saturday, February 24, 9:30 - 10:45am			
Machine Learning	ID	Paper Title	Paper Authors
	1372	Test-Time Domain Adaptation by Learning Domain-Aware Batch Normalization	Yanan Wu; Zhixiang Chi; Yang Wang; Konstantinos Plataniotis; Songhe Feng
	4722	Unraveling Batch Normalization for Realistic Test-Time Adaptation	Zixian Su; Jingwei Guo; Kai Yao; Xi Yang; Qiufeng Wang; Kaizhu Huang
	6610	Invariant Random Forest: Tree-Based Model Solution for OOD Generalization	Yufan LIAO; Qi Wu; Xing Yan
	6810	Contextual Pre-planning on Reward Machine Abstractions for Enhanced Transfer in Deep Reinforcement Learning	Guy Azran; Mohamad H Danesh; Stefano Albrecht; Sarah Keren
	8200	One Self-Configurable Model to Solve Many Abstract Visual Reasoning Problems	Mikołaj Małkiński; Jacek Mańdziuk
Computer vision			
	2134	DiffSED: Sound Event Detection with Denoising Diffusion	Swapnil Bhosale; Sauradip Nag; Diptesh Kanojia; Jiankang Deng; Xiatian Zhu
	2459	A Multimodal, Multi-Task Adapting Framework for Video Action Recognition	Mengmeng Wang; Jiazheng Xing; Boyuan Jiang; Jun Chen; Jianbiao Mei; Xingxing Zuo; Guang Dai; Jingdong Wang; Yong Liu
	2855	MaskDiff: Modeling Mask Distribution with Diffusion Probabilistic Model for Few-Shot Instance Segmentation	Minh-Quan Le; Tam Nguyen; Trung-Nghia Le; Thanh-Toan Do; Minh Do; Minh-Triet Tran
	3704	Amodal Scene Analysis via Holistic Occlusion Relation Inference and Generative Mask Completion	Bowen Zhang; Qing Liu; Jianming Zhang; Yilin Wang; Liyang Liu; Zhe Lin; Yifan Liu
	7979	LRANet: Towards Accurate and Efficient Scene Text Detection with Low-Rank Approximation Network	Yuchen Su; Zhineng Chen; Zhiwen Shao; Yuning Du; Zhilong Ji; Jinfeng Bai; Yong Zhou; Yu-Gang Jiang
Data Mining & Knowledge Management (DMKM)			
	2405	HGE: Embedding Temporal Knowledge Graphs in a Product Space of Heterogeneous Geometric Subspaces	Jiaxin Pan; Mojtaba Nayyeri; Yinan Li; Steffen Staab
	3559	Towards Continual Knowledge Graph Embedding via Incremental Distillation	Jiajun Liu; Ke Wenjun; Peng Wang; Ziyu Shang; Gao Jinhua; Guozheng Li; Ke Ji; Yanhe Liu
	5435	NestE: Modeling Nested Relational Structures for Knowledge Graph Reasoning	Bo Xiong; Mojtaba Nayyeri; Linhao Luo; Zihao Wang; Shirui Pan; Steffen Staab
	7237	VITA: 'Carefully Chosen and Weighted Less' Is Better in Medication Recommendation	Taeri Kim; Jiho Heo; Hongil Kim; Kijung Shin; Sang-Wook Kim
	9320	Knowledge-Enhanced Historical Document Segmentation and Recognition	En-Hao Gao; Yu-Xuan Huang; Wen-Chao Hu; Xin-Hao Zhu; Wang-Zhou Dai
NLP			
	4827	OntoFact: Unveiling Fantastic Fact-Skeleton of LLMs via Ontology-Driven Reinforcement Learning	Ziyu Shang; Ke Wenjun; Nana Xiu; Peng Wang; Jiajun Liu; Yanhui Li; Zhizhao Luo; Ke Ji

	5196	CoPL: Contextual Prompt Learning for Vision-Language Understanding	Koustava Goswami; Srikrishna Karanam; Prateksha Udhayanan; K J Joseph; Balaji Vasan Srinivasan
	12458	Detecting and Preventing Hallucinations in Large Vision Language Models	Anisha Gunjal; Jihan Yin; Erhan Bas
	14218	OWQ: Outlier-Aware Weight Quantization for Efficient Fine-Tuning and Inference of Large Language Models	Changhun Lee; Jungyu Jin; Taesu Kim; Hyungjun Kim; Eunhyeok Park
Saturday, February 24, 11:15am - 12:30pm			
Machine Learning			
	3367	Dynamic Reactive Spiking Graph Neural Network	Han Zhao; Xu Yang; Cheng Deng; Junchi Yan
	4637	Sterling: Synergistic Representation Learning on Bipartite Graphs	Baoyu Jing; Yuchen Yan; Kaize Ding; Chanyoung Park; Yada Zhu; Huan Liu; Hanghang Tong
	4770	GOODAT: Towards Test-Time Graph Out-of-Distribution Detection	Luzhi Wang, Dongxiao He, He Zhang, Yixin Liu, Wenjie Wang, Shirui Pan, Di Jin, Tat-Seng Chua
	12379	Towards Effective and General Graph Unlearning via Mutual Evolution	Xunkai Li; Yulin Zhao; Zhengyu Wu; Wentao Zhang; Rong-Hua Li; Guoren Wang
	14219	Provably Powerful Graph Neural Networks for Directed Multigraphs	Beni Egressy; Luc von Niederhäusern; Jovan Blanuša; Erik Altman; Roger Wattenhofer; Kubilay Atasu
NLP - LLMs			
	1407	ExpeL: LLM Agents Are Experiential Learners	Andrew Zhao; Daniel Huang; Quentin Xu; Matthieu Lin; Yong-Jin Liu; Gao Huang
	2208	Preparing Lessons for Progressive Training on Language Models	Yu Pan; Ye Yuan; Yichun Yin; Jiaxin Shi; Zenglin Xu; Ming Zhang; Lifeng Shang; Xin Jiang; Qun Liu
	5100	High-Fidelity Gradient Inversion in Distributed Learning	Zipeng Ye; Wenjian Luo; Qi Zhou; Yubo Tang
	7509	Can Large Language Models Serve as Rational Players in Game Theory? A Systematic Analysis	Caoyun Fan; Jindou Chen; Yaohui Jin; Hao He
	10617	Frugal LMs Trained to Invoke Symbolic Solvers Achieve Parameter-Efficient Arithmetic Reasoning	Subhabrata Dutta; Ishan Pandey; Joykirat Singh; Sunny Manchanda; Soumen Chakrabarti; Tanmoy Chakraborty
Planning, Routing, and Scheduling			
	2447	Learning Domain-Independent Heuristics for Grounded and Lifted Planning	Dillon Chen; Sylvie Thiebaux; Felipe Trevizan
	2715	Symbolic Numeric Planning with Patterns	Matteo Cardellini; Enrico Giunchiglia; Marco Maratea
	7807	Generalising Planning Environment Redesign	Alberto Pozanco; Ramon Fraga Pereira; Daniel Borrajo
	8176	Learning Safe Action Models with Partial Observability	Hai Le; Brendan Juba; Roni Stern

	11835	Stop! Planner Time: Metareasoning for Probabilistic Planning Using Learned Performance Profiles	Matthew Budd; Bruno Lacerda; Nick Hawes
Constraint Satisfaction and Optimization			
	2813	Parameterization of (Partial) Maximum Satisfiability above Matching in a Variable-Clause Graph	Vasily Alferov; Ivan Bliznets; Kirill Brilliantov
	3140	Runtime vs. Extracted Proof Size: An Exponential Gap for CDCL on QBFs	Olaf Beyersdorff; Benjamin Böhm; Meena Mahajan
	7159	An Approximate Skolem Function Counter	Arijit Shaw; Brendan Juba; Kuldeep S Meel
	10725	SAT-Based Tree Decomposition with Iterative Cascading Policy Selection	Hai Xia; Stefan Szeider
	11029	SAT-Based Techniques for Lexicographically Smallest Finite Models	Mikoláš Janota; Chaiwah Chow; João Araújo; Michael Codish; Petr Vojtěchovský
Saturday, February 24, 2:00 - 3:15pm			
Machine Learning			
	2712	Learning Diverse Risk Preferences in Population-Based Self-Play	Yuhua Jiang; Qihan Liu; Xiaoteng Ma; Chenghao Li; Yiqin Yang; Jun Yang; Bin Liang; Qianchuan Zhao
	3769	The Choice of Noninformative Priors for Thompson Sampling in Multiparameter Bandit Models	Jongyeong Lee; Chao-Kai Chiang; Masashi Sugiyama
	5900	Relaxed Stationary Distribution Correction Estimation for Improved Offline Policy Optimization	Woosung Kim; Donghyeon Ki; Byung-Jun Lee
	14102	Finite-Time Frequentist Regret Bounds of Multi-Agent Thompson Sampling on Sparse Hypergraphs	Tianyuan Jin; Hao-Lun Hsu; William Chang; Pan Xu
Game Theory and Economic Paradigms (GTEP)			
	3844	Zero-Sum Games between Mean-Field Teams: Reachability-Based Analysis under Mean-Field Sharing	Yue Guan; Mohammad Afshari; Panagiotis Tsiotras
	7031	Content Filtering with Inattentive Information Consumers	Justin Grana; Alex Slivkins; Brendan Lucier; Nicole Immorlica; Ian Ball; James Bono
	7234	Fair Allocation of Items in Multiple Regions	Houyu Zhou; Tianze Wei; Biaoshuai Tao; Minming Li
	12697	Altruism in Facility Location Problems	Hau Chan; Minming Li; Houyu Zhou
	12837	How to Evaluate Behavioral Models	Greg d'Eon; Sophie Greenwood; Kevin Leyton-Brown; James R. Wright
Machine Learning & Constrained Optimization			

	5835	TEILP: Time Prediction over Knowledge Graphs via Logical Reasoning	Siheng Xiong; Yuan Yang; Ali Payani; James C Kerce; Faramarz Fekri
	6862	Probabilistic Neural Circuits	Pedro Zuidberg Dos Martires
	11006	Unifying Decision and Function Queries in Stochastic Boolean Satisfiability	Yu-Wei Fan; Jie-Hong Jiang
	12419	Neural Network Approximators for Marginal MAP in Probabilistic Circuits	Shivvrat Arya; Tahrima Rahman; Vibhav Gogate
	13145	Double Auction on Diffusion Network	Miao Li; Yuhao Cao; Dengji Zhao
Machine Learning & Applications			
	1628	Analytically Tractable Models for Decision Making under Present Bias	Yasunori Akagi; Naoki Marumo; Takeshi Kurashima
	4518	A Class of Topological Pseudodistances for Fast Comparison of Persistence Diagrams	Rolando Kindelan Nuñez; Mircea Petrache; Mauricio Cerda; Nancy Hitschfeld
	10575	Multi-Dimensional Fair Federated Learning	Cong Su; Guoxian Yu; Jun Wang; Hui Li; Qingzhong Li; Han Yu
	11295	Causal Adversarial Perturbations for Individual Fairness and Robustness in Heterogeneous Data Spaces	Ahmad-Reza Ehyaei; Kiarash Mohammadi; Amir-Hossein Karimi; Samira Samadi; Golnoosh Farnadi
	6717	SAT-Based Algorithms for Regular Graph Pattern Matching	Miguel Terra-Neves; José Amaral; Alexandre Lemos; Rui Quintino; Pedro Resende; Antonio Alegria

Sunday, February 25, 9:30 - 10:45am			
Machine Learning	ID	Paper Title	Paper Authors
	1722	From Past to Future: Rethinking Eligibility Traces	Dhawal Gupta; Scott Jordan; Shreyas Chaudhari; Bo Liu; Philip Thomas; Bruno C. da Silva
	6002	Are You Concerned about Limited Function Evaluations: Data-Augmented Pareto Set Learning for Expensive Multi-Objective Optimization	Yongfan Lu; Bingdong Li; Aimin Zhou
	14034	Building Minimal and Reusable Causal State Abstractions for Reinforcement Learning	Zizhao Wang; Caroline Wang; Xuesu Xiao; Yuke Zhu; Peter Stone
Cognitive Modeling			
	4071	An Efficient Knowledge Transfer Strategy for Spiking Neural Networks from Static to Event Domain	Xiang He; Dongcheng Zhao; Yang Li; Guobin Shen; Qingqun Kong; Yi Zeng
	7083	Unveiling the Significance of Toddler-Inspired Reward Transition in Goal-Oriented Reinforcement Learning	Junseok Park; Yoonsung Kim; Hee bin Yoo; Min Whoo Lee; Kibeom Kim; Won-Seok Choi; Minsu Lee; Byoung-Tak Zhang
	7262	Social Physics Informed Diffusion Model for Crowd Simulation	Hongyi Chen; Jingtao Ding; Yong Li; Yue Wang; Xiao-Ping Zhang
	8137	Bootstrapping Cognitive Agents with a Large Language Model	Feiyu Zhu; Reid Simmons
	8246	Improving Knowledge Extraction from LLMs for Task Learning through Agent Analysis	James Kirk; Robert Wray; Peter Lindes; John Laird
Sunday, February 25, 11:15am - 12:30pm			
Computer vision			
	1424	SDGMNet: Statistic-Based Dynamic Gradient Modulation for Local Descriptor Learning	Yuxin Deng; Jiayi Ma
	3197	MuLTI: Efficient Video-and-Language Understanding with Text-Guided MultiWay-Sampler and Multiple Choice Modeling	Jiaqi Xu; Bo Liu; Yunkuo Chen; Mengli Cheng; Xing Shi
	3597	Let There Be Sound: Reconstructing High Quality Speech from Silent Videos	Ji-Hoon Kim; Jaehun Kim; Joon Son Chung
	3671	PM-INR: Prior-Rich Multi-Modal Implicit Large-Scale Scene Neural Representation	Yiyang Yang; Fukun Yin; Wen Liu; Jiayuan Fan; Xin Chen; Gang Yu; Tao Chen
	4150	Object-Aware Domain Generalization for Object Detection	WooJu Lee; Dasol Hong; Hyungtae Lim; Hyun Myung
Machine Learning			
	699	Permutation-Based Hypothesis Testing for Neural Networks	Francesca Mandel; Ian Barnett
	7349	GraFITi: Graphs for Forecasting Irregularly Sampled Time Series	Vijaya Krishna Yalavarthi; Kiran Madhusudhanan; Randolph Scholz; Nourhan Ahmed; Johannes Burchert; Shayan Jawed; Stefan Born; Lars Schmidt-Thieme
	9762	Enhancing Evolving Domain Generalization through Dynamic Latent Representations	Binghui Xie; Yongqiang Chen; Jiaqi Wang; Kaiwen Zhou; Bo Han; Wei Meng; James Cheng
	13279	Structured Probabilistic Coding	Dou Hu; Lingwei Wei; Yaxin Liu; Wei Zhou; Songlin Hu
	13874	Dirichlet-Based Prediction Calibration for Learning with Noisy Labels	Chen-Chen Zong; Ye-Wen Wang; Ming-Kun Xie; Sheng-Jun Huang
Privacy, Safety, Robustness			
	5164	Responsibility in Extensive Form Games	Qi SHI
	8471	Robustness Verification of Deep Reinforcement Learning Based Control Systems Using Reward Martingales	Dapeng Zhi; Peixin Wang; Cheng Chen; Min Zhang
	8623	Online Sensitivity Optimization in Differentially Private Learning	Filippo Galli; Catuscia Palamidessi; Tommaso Cucinotta
	9635	Complementary Knowledge Distillation for Robust and Privacy-Preserving Model Serving in Vertical Federated Learning	Dashan Gao; Sheng Wan; Lixin Fan; Xin Yao; Qiang Yang
	14015	DP-AdamBC: Your DP-Adam Is Actually DP-SGD (Unless You Apply Bias Correction)	Qiaoyue Tang; Frederick Shpilevskiy; Mathias Léculyer
Sunday, February 25, 2:00 - 3:15pm			
Machine Learning			

	4440	Reproduce, Replicate, Reevaluate. The Long but Safe Way to Extend Machine Learning Methods	Luisa Werner; Nabil Layaida; Pierre Genevès; Jérôme Euzenat; Damien Graux
	6188	Understanding Distributed Representations of Concepts in Deep Neural Networks without Supervision	Wonjoon Chang; Dahee Kwon; Jaesik Choi
	7825	Approximating the Shapley Value without Marginal Contributions	Patrick Kolpaczki; Viktor Bengs; Maximilian Muschalik; Eyke Hüllermeier
	8199	SHAP@k: Efficient and Probably Approximately Correct (PAC) Identification of Top-K Features	Sanjay Kariyappa; Leonidas Tsepeneas; Freddy Lecue; Daniele Magazzeni
	8221	SafeAR: Safe Algorithmic Recourse by Risk-Aware Policies	Haochen Wu; Shubham Sharma; Sunandita Patra; Sriram Gopalakrishnan
Computer vision			
	1763	Long-Tailed Learning as Multi-Objective Optimization	Weiqi Li; Fan Lyu; Fanhua Shang; Liang Wan; Wei Feng
	5865	Visual Instruction Tuning with Polite Flamingo	Delong Chen; Jianfeng Liu; Wenliang Dai; Baoyuan Wang
	6626	TiMix: Text-Aware Image Mixing for Effective Vision-Language Pre-training	Chaoya Jiang; Wei Ye; Haiyang Xu; Qinghao Ye; Ming Yan; Ji Zhang; Shikun Zhang
	10089	SeTformer Is What You Need for Vision and Language	Pourya Shamsolmoali; Masoumeh Zareapoor; Eric Granger; Michael Felsberg
	10978	Empowering CAM-Based Methods with Capability to Generate Fine-Grained and High-Faithfulness Explanations	Changqing Qiu; Fusheng Jin; Yining Zhang
Sunday, February 25, 3:45 - 5:00pm			
Machine Learning & Game Theory			
	7952	MAPTree: Beating "Optimal" Decision Trees with Bayesian Decision Trees	Colin Sullivan; Mo Tiwari; Sebastian Thrun
	10698	Pantypes: Diverse Representatives for Self-Explainable Models	Rune Kjærsgaard; Ahcène Boubekki; Line Clemmensen
	12061	NeSyFOLD: A Framework for Interpretable Image Classification	Parth Padalkar; Huaduo Wang; Gopal Gupta
	12876	Learning Performance Maximizing Ensembles with Explainability Guarantees	Vincent Pisztor; Jia Li
	13166	Completing Priceable Committees: Utilitarian and Representation Guarantees for Proportional Multiwinner Voting	Markus Brill; Jannik Peters
Multiagent Systems and Planning			
	5999	Bidirectional Temporal Plan Graph: Enabling Switchable Passing Orders for More Efficient Multi-Agent Path Finding Plan Execution	Yifan Su; Rishi Veerapaneni; Jiaoyang Li
	11944	Adaptive Anytime Multi-Agent Path Finding Using Bandit-Based Large Neighborhood Search	Thomy Phan; Taoan Huang; Bistra Dilikina; Sven Koenig
	13815	Improved Anonymous Multi Agent Path Finding Algorithm	Zain Alabedeen Ali; Konstantin Yakovlev
	14183	Learn to Follow: Decentralized Lifelong Multi-Agent Pathfinding via Planning and Learning	Alexey Skrynnik; Anton Andreychuk; Maria Nesterova; Konstantin Yakovlev; Aleksandr Panov