AAAI-22 Accepted Papers — Main Technical Track

Main Track
*(The list of accepted papers for the **Special Track on AI for Social Impact** appears at the end of this document, beginning on page 77.)*

11: Scaled ReLU Matters for Training Vision Transformers
Pichao Wang, Xue Wang, Hao Luo, Jingkai Zhou, Zhipeng Zhou, Fan Wang, Hao Li, Rong Jin

21: Search Strategies for Topological Network Optimization
Michael D. Moffitt

26: Fully Attentional Network for Semantic Segmentation
Qi Song, Jie Li, Chenghong Li, Hao Guo, Rui Huang

28: Efficient Riemannian Meta-Optimization by Implicit Differentiation
Xiaomeng Fan, Yuwei Wu, Zhi Gao, Yunde Jia, Mehrtash Harandi

36: Video as Conditional Graph Hierarchy for Multi-Granular Question Answering
Junbin Xiao, Angela Yao, Zhiyuan Liu, Yicong Li, Wei Ji, Tat-Seng Chua

37: A Causal Inference Look at Unsupervised Video Anomaly Detection
Xiangru Lin, Yuyang Chen, Guanbin Li, Yizhou Yu

50: MSML: Enhancing Occlusion-Robustness by Multi-Scale Segmentation-Based Mask Learning for Face Recognition
Ge Yuan, Huicheng Zheng, Jiayu Dong

51: LUNAR: Unifying Local Outlier Detection Methods via Graph Neural Networks
Adam Goodge, Bryan Hooi, Ng See Kiong, Ng Wee Siong

52: End-to-End Line Drawing Vectorization
Hanyuan Liu, Chengze Li, Xueting Liu, Tien-Tsin Wong

56: Online-Updated High-Order Collaborative Networks for Single Image Deraining
Cong Wang, Jinshan Pan, Xiao-Ming Wu

66: Up to 100$\times$ Faster Data-Free Knowledge Distillation
Gongfan Fang, Kanya Mo, Xinchao Wang, Jie Song, Shitao Bei, Haofei Zhang, Mingli Song

68: Adaptive Logit Adjustment Loss for Long-Tailed Visual Recognition
Yan Zhao, Weicong Chen, Xu Tan, Kai Huang, Jihong Zhu

70: Meta Faster R-CNN: Towards Accurate Few-Shot Object Detection with Attentive Feature Alignment
Guangxing Han, Shiyuan Huang, Jiawei Ma, Yicheng He, Shih-Fu Chang

75: MMA: Multi-Camera Based Global Motion Averaging
Hainan Cui, Shuhan Shen

81: Stereo Neural Vernier Caliper
Shichao Li, Zechun Liu, Zhiqiang Shen, Kwang-Ting Cheng

Jiahao Ji, Jingyuan Wang, Zhe Jiang, Jiawei Jiang, Hu Zhang

214: MTLDesc: Looking Wider to Describe Better
Changwei Wang, Rongtao Xu, Yuyang Zhang, Shibiao Xu, Weiliang Meng, Bin Fan, Xiaopeng Zhang

229: Truthful Cake Sharing
Xiaohui Bei, Xinhang Lu, Warut Suksompong

243: Unsupervised Representation for Semantic Segmentation by Implicit Cycle-Attention Contrastive Learning
Bo Pang, Yizhuo Li, Yifan Zhang, Gao Peng, Jiajun Tang, Kaiwen Zha, Jiefeng Li, Cewu Lu

246: OneRel: Joint Entity and Relation Extraction with One Module in One Step
Yu-Ming Shang, Heyan Huang, Xian-Ling Mao

247: TransMEF: A Transformer-Based Multi-Exposure Image Fusion Framework Using Self-Supervised Multi-Task Learning
Linhao Qu, Shaolei Liu, Manning Wang, Zhijian Song

270: Contrastive Quantization with Code Memory for Unsupervised Image Retrieval
Jinpeng Wang, Ziyun Zeng, Bin Chen, Tao Dai, Shu-Tao Xia

274: Pose Adaptive Dual Mixup for Few-Shot Single-View 3D Reconstruction
Ta-Ying Cheng, Hsuan-Ru Yang, Niki Trigoni, Hwann-Tzong Chen, Tyng-Luh Liu

276: Modality-Adaptive Mixup and Invariant Decomposition for RGB-Infrared Person Re-Identification
Zhipeng Huang, Jiawei Liu, Liang Li, Kecheng Zheng, Zheng-Jun Zha

281: Meta Propagation Networks for Graph Few-Shot Semi-Supervised Learning
Kaize Ding, Jianling Wang, James Caverlee, Huan Liu

284: PMAL: Open Set Recognition via Robust Prototype Mining
Jing Lu, Yunlu Xu, Hao Li, Zhanzhan Cheng, Yi Niu

292: ELMA: Energy-Based Learning for Multi-Agent Activity Forecasting
Yuke Li, Pin Wang, Lixiong Chen, Zheng Wang, Ching-Yao Chan

296: Knowledge Compilation Meets Logical Separability
Junming Qiu, Wenqing Li, Zhanhao Xiao, Quanlong Guan, Liangda Fang, Zhao-Rong Lai, Qian Dong

303: One-Shot Talking Face Generation from Single-Speaker Audio-Visual Correlation Learning
Suzhen Wang, Lincheng Li, Yu Ding, Xin Yu

310: Anchor DETR: Query Design for Transformer-Based Object Detection
Yingming Wang, Xiangyu Zhang, Tong Yang, Jian Sun

329: LCTR: On Awakening the Local Continuity of Transformer for Weakly Supervised Object Localization
Zhiwei Chen, Changan Wang, Yabiao Wang, Guannan Jiang, Yunhang Shen, Ying Tai, Chengjie Wang, Wei Zhang, Liujuan Cao

330: GuidedMix-Net: Semi-Supervised Semantic Segmentation by Using Labeled Images as Reference
Peng Tu, Yawen Huang, Feng Zheng, Zhenyu He, Liujuan Cao, Ling Shao

333: Risk-Aware Stochastic Shortest Path

Tobias Meggendorfer

335: Task-Level Self-Supervision for Cross-Domain Few-Shot Learning
Wang Yuan, Zhizhong Zhang, Cong Wang, Haichuan Song, Yuan Xie, Lizhuang Ma

338: DPNAS: Neural Architecture Search for Deep Learning with Differential Privacy
Anda Cheng, Jiaxing Wang, Xi Sheryl Zhang, Qiang Chen, Peisong Wang, Jian Cheng

343: MoCaNet: Motion Retargeting in-the-Wild via Canonicalization Networks
Wentao Zhu, Zhuoqian Yang, Ziang Di, Wayne Wu, Yizhou Wang, Chen Change Loy

345: A Fully Single Loop Algorithm for Bilevel Optimization without Hessian Inverse
Junyi Li, Bin Gu, Heng Huang

364: SpikeConverter: An Efficient Conversion Framework Zipping the Gap between Artificial Neural Networks and Spiking Neural Networks
Fangxin Liu, Wenbo Zhao, Yongbiao Chen, Zongwu Wang, Li Jiang

370: Privacy-Preserving Face Recognition in the Frequency Domain
Yinggui Wang, Jian Liu, Man Luo, Le Yang, Li Wang

376: Towards Fully Sparse Training: Information Restoration with Spatial Similarity
Weixiang Xu, Xiangyu He, Ke Cheng, Peisong Wang, Jian Cheng

385: Improving Bayesian Neural Networks by Adversarial Sampling
Jiaru Zhang, Yang Hua, Tao Song, Hao Wang, Zhengui Xue, Ruhui Ma, Haibing Guan

388: Continual Learning Through Retrieval and Imagination
Zhen Wang, Liu Liu, Yiqun Duan, Dacheng Tao

390: Coarse-to-Fine Embedded PatchMatch and Multi-Scale Dynamic Aggregation for Reference-Based Super-Resolution
Bin Xia, Yapeng Tian, Yucheng Hang, Wenming Yang, Qingmin Liao, Jie Zhou

399: Causal Intervention for Subject-Deconfounded Facial Action Unit Recognition
Yingjie Chen, Diqi Chen, Tao Wang, Yizhou Wang, Yun Liang

411: Multi-Knowledge Aggregation and Transfer for Semantic Segmentation
Yuang Liu, Wei Zhang, Jun Wang

412: P^3-Net: Part Mobility Parsing from Point Cloud Sequences via Learning Explicit Point Correspondence
Yahao Shi, Xinyu Cao, Feixiang Lu, Bin Zhou

420: Learning Token-Based Representation for Image Retrieval
Hui Wu, Min Wang, Wengang Zhou, Yang Hu, Houqiang Li

452: HEAL: A Knowledge Graph for Distress Management Conversations
Anuradha Welivita, Pearl Pu

461: Weakly-Supervised Salient Object Detection Using Point Supervison
Shuyong Gao, Wei Zhang, Yan Wang, Qianyu Guo, Chenglong Zhang, Yangji He, Wenqiang Zhang

470: Comprehensive Regularization in a Bi-Directional Predictive Network for Video Anomaly Detection

Chengwei Chen, Yuan Xie, Shaohui Lin, Angela Yao, Guannan Jiang, Wei Zhang, Yanyun Qu, Ruizhi Qiao, Bo Ren, Lizhuang Ma

471: QueryProp: Object Query Propagation for High-Performance Video Object Detection
Fei He, Naiyu Gao, Jian Jia, Xin Zhao, Kaiqi Huang

476: Shape Prior Guided Attack: Sparser Perturbations on 3D Point Clouds
Zhenbo Shi, Zhi Chen, Zhenbo Xu, Wei Yang, Zhidong Yu, Liusheng Huang

480: Not All Voxels Are Equal: Semantic Scene Completion from the Point-Voxel Perspective
Jiaxiang Tang, Xiaokang Chen, Jingbo Wang, Gang Zeng

486: Channelized Axial Attention - Considering Channel Relation within Spatial Attention for Semantic Segmentation
Ye Huang, Di Kang, Wenjing Jia, Liu Liu, Xiangjian He

490: Dynamic Spatial Propagation Network for Depth Completion
Yuankai Lin, Tao Cheng, Qi Zhong, Wending Zhou, Hua Yang

500: Beyond Shared Subspace: A View-Specific Fusion for Multi-View Multi-Label Learning
Gengyu Lyu, Xiang Deng, Yanan Wu, Songhe Feng

509: Renovate Yourself: Calibrating Feature Representation of Misclassified Pixels for Semantic Segmentation
Hualiang Wang, Huanpeng Chu, Siming Fu, Zuozhu Liu, Haoji Hu

510: The Price of Selfishness: Conjunctive Query Entailment for ALCSelf is 2EXPTIME-Hard
Bartosz Bednarczyk, Sebastian Rudolph

517: SCIR-Net: Structured Color Image Representation Based 3D Object Detection Network from Point Clouds
Qingdong He, Hao Zeng, Yi Zeng, Yijun Liu

521: Memory-Based Jitter: Improving Visual Recognition on Long-Tailed Data with Diversity In Memory
Jialun Liu, Wenhui Li, Yifan Sun

528: SCSNet: An Efficient Paradigm for Learning Simultaneously Image Colorization and Super-Resolution
Jiangning Zhang, Chao Xu, Jian Li, Yue Han, Yabiao Wang, Ying Tai, Yong Liu

532: InsCLR: Improving Instance Retrieval with Self-Supervision
Zelu Deng, Yujie Zhong, Sheng Guo, Weilin Huang

546: The Secretary Problem with Competing Employers on Random Edge Arrivals
Xiaohui Bei, Shengyu Zhang

549: FINet: Dual Branches Feature Interaction for Partial-to-Partial Point Cloud Registration
Hao Xu, Nianjin Ye, Guanghui Liu, Bing Zeng, Shuaicheng Liu

557: Hierarchical Image Generation via Transformer-Based Sequential Patch Selection
Xiaogang Xu, Ning Xu

570: Deformable Part Region Learning for Object Detection
Seung-Hwan Bae

571: SCALoss: Side and Corner Aligned Loss for Bounding Box Regression

Tu Zheng, Shuai Zhao, Yang Liu, Zili Liu, Deng Cai

592: Dual Contrastive Learning for General Face Forgery Detection
Ke Sun, Taiping Yao, Shen Chen, Shouhong Ding, Jilin Li, Rongrong Ji

604: Unsupervised Domain Adaptive Salient Object Detection Through Uncertainty-Aware Pseudo-Label Learning
Pengxiang Yan, Ziyi Wu, Mengmeng Liu, Kun Zeng, Liang Lin, Guanbin Li

612: Modify Self-Attention via Skeleton Decomposition for Effective Point Cloud Transformer
Jiayi Han, Longbin Zeng, Liang Du, Xiaoqing Ye, Weiyang Ding, Jianfeng Feng

618: Exploring Visual Context for Weakly Supervised Person Search
Yichao Yan, Jinpeng Li, Shengcai Liao, Jie Qin, Bingbing Ni, Ke Lu, Xiaokang Yang

623: Feature Generation and Hypothesis Verification for Reliable Face Anti-Spoofing
Shice Liu, Shitao Lu, Hongyi Xu, Jing Yang, Shouhong Ding, Lizhuang Ma

626: Fusing Task-Oriented and Open-Domain Dialogues in Conversational Agents
Tom Young, Frank Xing, Vlad Pandelea, Jinjie Ni, Erik Cambria

629: Behind the Curtain: Learning Occluded Shapes for 3D Object Detection
Qiangeng Xu, Yiqi Zhong, Ulrich Neumann

667: Deep Confidence Guided Distance for 3D Partial Shape Registration
Dvir Ginzburg, Dan Raviv

669: Prevailing in the Dark: Information Walls in Strategic Games
Pavel Naumov, Wenxuan Zhang

676: ADD: Frequency Attention and Multi-View based Knowledge Distillation to Detect Low-Quality Compressed Deepfake Images
Binh M. Le, Simon S. Woo

678: Close the Loop: A Unified Bottom-Up and Top-Down Paradigm for Joint Image Deraining and Segmentation
Yi Li, Yi Chang, Changfeng Yu, Luxin Yan

702: Siamese Network with Interactive Transformer for Video Object Segmentation
Meng Lan, Jing Zhang, Fengxiang He, Lefei Zhang

725: Local Similarity Pattern and Cost Self-Reassembling for Deep Stereo Matching Networks
Biyang Liu, Huimin Yu, Yangqi Long

729: Mastering the Explicit Opinion-Role Interaction: Syntax-Aided Neural Transition System for Unified Opinion Role Labeling
Shengqiong Wu, Hao Fei, Fei Li, Meishan Zhang, Yijiang Liu, Chong Teng, Donghong Ji

733: VITA: A Multi-Source Vicinal Transfer Augmentation Method for Out-of-Distribution Generalization
Minghui Chen, Cheng Wen, Feng Zheng, Fengxiang He, Ling Shao

736: Improved Text Classification via Contrastive Adversarial Training
Lin Pan, Chung-Wei Hang, Avirup Sil, Saloni Potdar

742: Unified Named Entity Recognition as Word-Word Relation Classification

Jingye Li, Donghong Ji, Jiang Liu, Hao Fei, Meishan Zhang, Shengqiong Wu, Chong Teng, Fei Li

758: Denoised Maximum Classifier Discrepancy for Source-Free Unsupervised Domain Adaptation
Tong Chu, Yahao Liu, Jinhong Deng, Wen Li, Lixin Duan

785: Perceiving Stroke-Semantic Context: Hierarchical Contrastive Learning for Robust Scene Text Recognition
Hao Liu, Bin Wang, Zhimin Bao, Mobai Xue, Sheng Kang, Deqiang Jiang, Yinsong Liu, Bo Ren

794: HarmoFL: Harmonizing Local and Global Drifts in Federated Learning on Heterogeneous Medical Images
Meirui Jiang, Zirui Wang, Qi Dou

811: From Actions to Programs as Abstract Actual Causes
Bita Banihashemi, Shakil M. Khan, Mikhail Soutchanski

841: Degrade is Upgrade: Learning Degradation for Low-Light Image Enhancement
Kui Jiang, Zhongyuan Wang, Zheng Wang, Chen Chen, Peng Yi, Tao Lu, Chia-Wen Lin

852: Single-Domain Generalization in Medical Image Segmentation via Test-Time Adaptation from Shape Dictionary
Quande Liu, Cheng Chen, Qi Dou, Pheng-Ann Heng

871: FOCUS: Flexible Optimizable Counterfactual Explanations for Tree Ensembles
Ana Lucic, Harrie Oosterhuis, Hinda Haned, Maarten de Rijke

875: Machine Learning for Utility Prediction in Argument-Based Computational Persuasion
Ivan Donadello, Anthony Hunter, Stefano Teso, Mauro Dragoni

882: Making Adversarial Examples More Transferable and Indistinguishable
Junhua Zou, Yexin Duan, Boyu Li, Wu Zhang, Yu Pan, Zhisong Pan

884: Multiscale Dynamic Coding improved Spiking Actor Network for Reinforcement Learning
Duzhen Zhang, Tielin Zhang, Shuncheng Jia, Bo Xu

902: SCAN: Cross Domain Object Detection with Semantic Conditioned Adaptation
Wuyang Li, Xinyu Liu, Xiwen Yao, Yixuan Yuan

907: Graph Structure Learning with Variational Information Bottleneck
Qingyun Sun, Jianxin Li, Hao Peng, Jia Wu, Xingcheng Fu, Cheng Ji, Philip S. Yu

912: SVGA-Net: Sparse Voxel-Graph Attention Network for 3D Object Detection from Point Clouds
Qingdong He, Zhengning Wang, Hao Zeng, Yi Zeng, Yijun Liu

915: Beyond Learning Features: Training a Fully-Functional Classifier with Zero Instance-Level Labels
Deepak Babu Sam, Abhinav Agarwalla, R. Venkatesh Babu

919: Machine-Learned Prediction Equilibrium for Dynamic Traffic Assignment
Lukas Graf, Tobias Harks, Kostas Kollias, Michael Markl

926: Learning Disentangled Classification and Localization Representations for Temporal Action Localization
Zixin Zhu, Le Wang, Wei Tang, Ziyi Liu, Nanning Zheng, Gang Hua

928: Multi-View Graph Representation for Programming Language Processing: An Investigation into Algorithm Detection

Ting Long, Yutong Xie, Xianyu Chen, Weinan Zhang, Qinxiang Cao, Yong Yu

932: Adaptive Poincaré Point to Set Distance for Few-Shot Classification
Rongkai Ma, Pengfei Fang, Tom Drummond, Mehrtash Harandi

934: SSAT: A Symmetric Semantic-Aware Transformer Network for Makeup Transfer and Removal
Zhaoyang Sun, Yaxiong Chen, Shengwu Xiong

940: Weighted Fairness Notions for Indivisible Items Revisited
Mithun Chakraborty, Erel Segal-Halevi, Warut Suksompong

946: LGD: Label-Guided Self-Distillation for Object Detection
Peizhen Zhang, Zijian Kang, Tong Yang, Xiangyu Zhang, Nanning Zheng, Jian Sun

961: Fuzzy Logic based Logical Query Answering on Knowledge Graphs
Xuelu Chen, Ziniu Hu, Yizhou Sun

966: Deep Incomplete Multi-View Clustering via Mining Cluster Complementarity
Jie Xu, Chao Li, Yazhou Ren, Liang Peng, Yujie Mo, Xiaoshuang Shi, Xiaofeng Zhu

971: Self-Supervised Object Localization with Joint Graph Partition
Yukun Su, Guosheng Lin, Yiwen Cao, Qingyao Wu

985: Invariant Information Bottleneck for Domain Generalization
Bo Li, Yifei Shen, Yezhen Wang, Wenzhen Zhu, Colorado Reed, Dongsheng Li, Kurt Keutzer, Han Zhao

988: Weakly Supervised Neural Symbolic Learning for Cognitive Tasks
Jidong Tian, Yitian Li, Wenqing Chen, Liqiang Xiao, Hao He, Yaohui Jin

1011: Exploiting Fine-Grained Face Forgery Clues via Progressive Enhancement Learning
Qiqi Gu, Shen Chen, Taiping Yao, Yang Chen, Shouhong Ding, Ran Yi

1018: Attention-Aligned Transformer for Image Captioning
Zhengcong Fei

1021: Highlighting Object Category Immunity for the Generalization of Human-Object Interaction Detection
Xinpeng Liu, Yong-Lu Li, Cewu Lu

1023: DANets: Deep Abstract Networks for Tabular Data Classification and Regression
Jintai Chen, KuanLun Liao, Yao Wan, Danny Z. Chen, Jian Wu

1026: Neighborhood-Adaptive Structure Augmented Metric Learning
Pandeng Li, Yan Li, Hongtao Xie, Lei Zhang

1049: DanceFormer: Music Conditioned 3D Dance Generation with Parametric Motion Transformer
Buyu Li, Yongchi Zhao, Zhelun Shi, Lu Sheng

1091: Logit Perturbation
Mengyang Li, Fengguang Su, Ou Wu, Ji Zhang

1097: Cross-Modal Federated Human Activity Recognition via Modality-Agnostic and Modality-Specific
Representation Learning
Xiaoshan Yang, Baochen Xiong, Yi Huang, Changsheng Xu

1100: You Only Infer Once: Cross-Modal Meta-Transfer for Referring Video Object Segmentation
Dezhuang Li, Ruoqi Li, Lijun Wang, Yifan Wang, Jinqing Qi, Lu Zhang, Ting Liu, Qingquan Xu, Huchuan Lu

1102: FFNet: Frequency Fusion Network for Semantic Scene Completion
Xuzhi Wang, Di Lin, Liang Wan

1121: Hedonic Games with Fixed-Size Coalitions
Vittorio Bilò, Gianpiero Monaco, Luca Moscardelli

1133: Structured Semantic Transfer for Multi-Label Recognition with Partial Labels
Tianshui Chen, Tao Pu, Hefeng Wu, Yuan Xie, Liang Lin

1134: Semantic-Aware Representation Blending for Multi-Label Image Recognition with Partial Labels
Tao Pu, Tianshui Chen, Hefeng Wu, Liang Lin

1139: Mutual Contrastive Learning for Visual Representation Learning
Chuanguang Yang, Zhulin An, Linhang Cai, Yongjun Xu

1140: Path-Specific Objectives for Safer Agent Incentives
Sebastian Farquhar, Ryan Carey, Tom Everitt

1141: Can Semantic Labels Assist Self-Supervised Visual Representation Learning?
Longhui Wei, Lingxi Xie, Jianzhong He, Xiaopeng Zhang, Qi Tian

1152: Understanding Enthymemes in Deductive Argumentation Using Semantic Distance Measures
Anthony Hunter

1171: FrePGAN: Robust Deepfake Detection Using Frequency-Level Perturbations
Yonghyun Jeong, Doyeon Kim, Youngmin Ro, Jongwon Choi

1182: Finite Entailment of Local Queries in the Z Family of Description Logics
Bartosz Bednarczyk, Emanuel Kieroński

1194: Text Gestalt: Stroke-Aware Scene Text Image Super-Resolution
Jingye Chen, Haiyang Yu, Jianqi Ma, Bin Li, Xiangyang Xue

1200: AutoCFR: Learning to Design Counterfactual Regret Minimization Algorithms
Hang Xu, Kai Li, Haobo Fu, Qiang Fu, Junliang Xing

1201: Adaptive Hypergraph Neural Network for Multi-Person Pose Estimation
Xixia Xu, Qi Zou, Xue Lin

1202: Block-Skim: Efficient Question Answering for Transformer
Yue Guan, Zhengyi Li, Zhouhan Lin, Yuhao Zhu, Jingwen Leng, Minyi Guo

1203: MetaNODE: Prototype Optimization as a Neural ODE for Few-Shot Learning
Baoquan Zhang, Xutao Li, Shanshan Feng, Yunming Ye, Rui Ye

1223: Divide-and-Regroup Clustering for Domain Adaptive Person Re-Identification
Zhengdong Hu, Yifan Sun, Yi Yang, Jianguang Zhou

1225: A Unifying Theory of Thompson Sampling for Continuous Risk-Averse Bandits

Joel Q. L. Chang, Vincent Y. F. Tan

1227: Image Difference Captioning with Pre-Training and Contrastive Learning
Linli Yao, Weiying Wang, Qin Jin

1239: Deep Amortized Relational Model with Group-Wise Hierarchical Generative Process
Huafeng Liu, Tong Zhou, Jiaqi Wang, Liping Jing, Michael K. Ng

1241: Assessing a Single Image in Reference-Guided Image Synthesis
Jiayi Guo, Chaoqun Du, Jiangshan Wang, Huijuan Huang, Pengfei Wan, Gao Huang

1257: Fusion Multiple Kernel K-Means
Yi Zhang, Xinwang Liu, Jiyuan Liu, Sisi Dai, Changwang Zhang, Kai Xu, En Zhu

1260: On the Complexity of Inductively Learning Guarded Clauses
Andrei Draghici, Georg Gottlob, Matthias Lanzinger

1265: Input-Specific Robustness Certification for Randomized Smoothing
Ruoxin Chen, Jie Li, Junchi Yan, Ping Li, Bin Sheng

1266: When Facial Expression Recognition Meets Few-Shot Learning: A Joint and Alternate Learning Framework
Xinyi Zou, Yan Yan, Jing-Hao Xue, Si Chen, Hanzi Wang

1267: Monocular Camera-Based Point-Goal Navigation by Learning Depth Channel and Cross-Modality Pyramid Fusion
Tianqi Tang, Heming Du, Xin Yu, Yi Yang

1280: Delving into Sample Loss Curve to Embrace Noisy and Imbalanced Data
Shenwang Jiang, Jianan Li, Ying Wang, Tingfa Xu, Bo Huang, Zhang Zhang

1302: PEA*+IDA*: An Improved Hybrid Memory-Restricted Algorithm
Frederico Messa, André G. Pereira

1324: One More Check: Making "Fake Background" Be Tracked Again
Chao Liang, Zhipeng Zhang, Xue Zhou, Bing Li, Weiming Hu

1327: ShuttleNet: Position-Aware Fusion of Rally Progress and Player Styles for Stroke Forecasting in Badminton
Wei-Yao Wang, Hong-Han Shuai, Kai-Shiang Chang, Wen-Chih Peng

1328: SCTN: Sparse Convolution-Transformer Network for Scene Flow Estimation
Bing Li, Cheng Zheng, Silvio Giancola, Bernard Ghanem

1339: DMN4: Few-Shot Learning via Discriminative Mutual Nearest Neighbor Neural Network
Yang Liu, Tu Zheng, Jie Song, Deng Cai, Xiaofei He

1342: Proxy Learning of Visual Concepts of Fine Art Paintings from Styles through Language Models
Diana Kim, Ahmed Elgammal, Marian Mazzone

1344: Content-Variant Reference Image Quality Assessment via Knowledge Distillation
Guanghao Yin, Wei Wang, Zehuan Yuan, Chuchu Han, Wei Ji, Shouqian Sun, Changhu Wang

1350: Evo-ViT: Slow-Fast Token Evolution for Dynamic Vision Transformer
Yifan Xu, Zhijie Zhang, Mengdan Zhang, Kekai Sheng, Ke Li, Weiming Dong, Liqing Zhang, Changsheng Xu, Xing Sun

1352: Efficient Virtual View Selection for 3D Hand Pose Estimation
Jian Cheng, Yanguang Wan, Dexin Zuo, Cuixia Ma, Jian Gu, Ping Tan, Hongan Wang, Xiaoming Deng, Yinda Zhang

1360: Shadow Generation for Composite Image in Real-World Scenes
Yan Hong, Li Niu, Jianfu Zhang

1382: PureGaze: Purifying Gaze Feature for Generalizable Gaze Estimation
Yihua Cheng, Yiwei Bao, Feng Lu

1391: MobileFaceSwap: A Lightweight Framework for Video Face Swapping
Zhiliang Xu, Zhibin Hong, Changxing Ding, Zhen Zhu, Junyu Han, Jingtuo Liu, Errui Ding

1394: JPV-Net: Joint Point-Voxel Representations for Accurate 3D Object Detection
Nan Song, Tianyuan Jiang, Jian Yao

1396: Retinomorphic Object Detection in Asynchronous Visual Streams
Jianing Li, Xiao Wang, Lin Zhu, Jia Li, Tiejun Huang, Yonghong Tian

1399: Inharmonious Region Localization by Magnifying Domain Discrepancy
Jing Liang, Li Niu, Penghao Wu, Fengjun Guo, Teng Long

1411: BM-NAS: Bilevel Multimodal Neural Architecture Search
Yihang Yin, Siyu Huang, Xiang Zhang

1418: Competing Mutual Information Constraints with Stochastic Competition-Based Activations for Learning Diversified Representations
Konstantinos P. Panousis, Anastasios Antoniades, Sotirios Chatzis

1458: Cross-Dataset Collaborative Learning for Semantic Segmentation in Autonomous Driving
Li Wang, Dong Li, Han Liu, Jinzhang Peng, Lu Tian, Yi Shan

1466: Self-Labeling Framework for Novel Category Discovery over Domains
Qing Yu, Daiki Ikami, Go Irie, Kiyoharu Aizawa

1489: Low-Light Image Enhancement with Normalizing Flow
Yufei Wang, Renjie Wan, Haoliang Li, Wenhan Yang, Lap-Pui Chau, Alex C. Kot

1499: Towards Light-Weight and Real-Time Line Segment Detection
 Geonmo Gu, Byungsoo Ko, SeoungHyun Go, Sung-Hyun Lee, Jingeun Lee, Minchul Shin

1514: Making Translations to Classical Planning Competitive with Other HTN Planners
Gregor Behnke, Florian Pollitt, Daniel Höller, Pascal Bercher, Ron Alford

1516: Energy-Based Generative Cooperative Saliency Prediction
Jing Zhang, Jianwen Xie, Zilong Zheng, Nick Barnes

1531: Social Interpretable Tree for Pedestrian Trajectory Prediction
Liushuai Shi, Le Wang, Chengjiang Long, Sanping Zhou, Fang Zheng, Nanning Zheng, Gang Hua

1535: SFSRNet: Super-Resolution for Single-Channel Audio Source Separation
Joel Rixen, Matthias Renz

1537: Dual Attention Networks for Few-Shot Fine-Grained Recognition
Shu-Lin Xu, Faen Zhang, Xiu-Shen Wei, Jianhua Wang

1551: Learning Universal Adversarial Perturbation by Adversarial Example
Maosen Li, Yanhua Yang, Kun Wei, Xu Yang, Heng Huang

1564: L-CoDe: Language-Based Colorization Using Color-Object Decoupled Conditions
Shuchen Weng, Hao Wu, Zheng Chang, Jiajun Tang, Si Li, Boxin Shi

1567: A*+BFHS: A Hybrid Heuristic Search Algorithm
Zhaoxing Bu, Richard E. Korf

1570: Dist2Cycle: A Simplicial Neural Network for Homology Localization
Alexandros D. Keros, Vidit Nanda, Kartic Subr

1580: TransZero: Attribute-Guided Transformer for Zero-Shot Learning
Shiming Chen, Ziming Hong, Yang Liu, Guo-Sen Xie, Baigui Sun, Hao Li, Qinmu Peng, Xinge You, Ke Lu

1584: SVT-Net: Super Light-Weight Sparse Voxel Transformer for Large Scale Place Recognition
Zhaoxin Fan, Zhenbo Song, Hongyan Liu, Zhiwu Lu, Jun He, Xiaoyong Du

1591: Regularized Modal Regression on Markov-Dependent Observations: A Theoretical Assessment
Tieliang Gong, Yuxin Dong, Hong Chen, Wei Feng, Bo Dong, Chen Li

1594: A Graph Convolutional Network with Adaptive Graph Generation and Channel Selection for Event Detection
Zhipeng Xie, Yumin Tu

1616: Efficient Compact Bilinear Pooling via Kronecker Product
Tan Yu, Yunfeng Cai, Ping Li

1644: Multi-Centroid Representation Network for Domain Adaptive Person Re-ID
Yuhang Wu, Tengteng Huang, Haotian Yao, Chi Zhang, Yuanjie Shao, Chuchu Han, Changxin Gao, Nong Sang

1645: Proximal PanNet: A Model-Based Deep Network for Pansharpening
Xiangyong Cao, Yang Chen, Wenfei Cao

1648: End-to-End Probabilistic Label-Specific Feature Learning for Multi-Label Classification
Jun-Yi Hang, Min-Ling Zhang, Yanghe Feng, Xiaocheng Song

1652: Clustering Approach to Solve Hierarchical Classification Problem Complexity
Aomar Osmani, Massinissa Hamidi, Pegah Alizadeh

1661: Geometry-Contrastive Transformer for Generalized 3D Pose Transfer
Haoyu Chen, Hao Tang, Zitong Yu, Nicu Sebe, Guoying Zhao

1665: Cross-Domain Few-Shot Graph Classification
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1666: Achieving Zero Constraint Violation for Constrained Reinforcement Learning via Primal-Dual Approach
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