AAAI-24 Main Track

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Attention Disturbance and Dual-Path Constraint Network for Occluded Person Re-identification	Jiaer Xia; Lei Tan; Pingyang Dai; Mingbo Zhao; Yongjian Wu; Liujuan Cao
Zero-Shot Task Adaptation with Relevant Feature Information	Atsutoshi Kumagai; Tomoharu Iwata; Yasuhiro Fujiwara
DTL: Disentangled Transfer Learning for Visual Recognition	Minghao Fu; Ke Zhu; Jianxin Wu
ODTrack: Online Dense Temporal Token Learning for Visual Tracking	Yaozong Zheng; Bineng Zhong; Qihua Liang; Zhiyi Mo; Shengping Zhang; Xianxian Li
MM-Point: Multi-View Information-Enhanced Multi-Modal Self-Supervised 3D Point Cloud Understanding	HaiTao Yu; Mofei Song
Defying Imbalanced Forgetting in Class Incremental Learning	Shixiong Xu; Gaofeng Meng; Xing Nie; Bolin Ni; Bin Fan; Shiming Xiang
Towards Efficient and Effective Text-to-Video Retrieval with Coarse-to-Fine Visual Representation Learning	Kaibin Tian; Yanhua Cheng; Yi Liu; Xinglin Hou; Quan Chen; Han Li
Generative Model-Based Feature Knowledge Distillation for Action Recognition	Guiqin Wang; Peng Zhao; Yanjiang Shi; Cong Zhao; Shusen Yang
Robust 3D Tracking with Quality-Aware Shape Completion	Jingwen Zhang; Zikun Zhou; Guangming Lu; Jiandong Tian; Wenjie Pei
CFR-ICL: Cascade-Forward Refinement with Iterative Click Loss for Interactive Image Segmentation	Shoukun Sun; Min Xian; Fei Xu; Luca Capriotti; Tiankai Yao
AE-NeRF: Audio Enhanced Neural Radiance Field for Few Shot Talking Head Synthesis	Dongze Li; Kang Zhao; Wei Wang; Bo Peng; Yingya Zhang; Jing Dong; Tieniu Tan
DI-V2X: Learning Domain-Invariant Representation for Vehicle-Infrastructure Collaborative 3D Object Detection	Li Xiang; Junbo Yin; Wei Li; Chengzhong Xu; Ruigang Yang; Jianbing Shen
Leveraging Imagery Data with Spatial Point Prior for Weakly Semi-supervised 3D Object Detection	Hongzhi Gao; Zheng Chen; Zehui Chen; Lin Chen; Jiaming Liu; Shanghang Zhang; Feng Zhao
XKD: Cross-Modal Knowledge Distillation with Domain Alignment for Video Representation Learning	Pritam Sarkar; Ali Etemad
DiffusionEdge: Diffusion Probabilistic Model for Crisp Edge Detection	Yunfan Ye; Yuhang Huang; Renjiao Yi; Zhiping Cai; Kai Xu
Kernelized Normalizing Constant Estimation: Bridging Bayesian Quadrature and Bayesian Optimization	Xu Cai; Jonathan Scarlett
Aleth-NeRF: Illumination Adaptive NeRF with Concealing Field Assumption	Ziteng Cui; Lin Gu; Xiao Sun; Xianzheng Ma; Yu Qiao; Tatsuya Harada
HDMixer: Hierarchical Dependency with Extendable Patch for Multivariate Time Series Forecasting	Qihe Huang; Lei Shen; Ruixin Zhang; Jiahuan Cheng; Shouhong Ding; Zhengyang Zhou; Yang Wang
Cross-Covariate Gait Recognition: A Benchmark	Shinan Zou; Chao Fan; Jianbo Xiong; Chuanfu Shen; Shiqi Yu; Jin Tang
Which Is More Effective in Label Noise Cleaning, Correction or Filtering?	Gaoxia Jiang; Jia Zhang; Xuefei Bai; Wenjian Wang; Deyu Meng
Let All Be Whitened: Multi-Teacher Distillation for Efficient Visual Retrieval	Zhe Ma; Jianfeng Dong; Shouling Ji; Zhenguang Liu; Xuhong Zhang; Zonghui Wang; Sifeng He; Feng Qian; Xiaobo Zhang; Lei Yang
Identifiability of Direct Effects from Summary Causal Graphs	Simon Ferreira; Charles Assaad
NuScenes-QA: A Multi-Modal Visual Question Answering Benchmark for Autonomous Driving Scenario	Tianwen Qian; Jingjing Chen; Linhai Zhuo; Yang Jiao; Yu-Gang Jiang
CARAT: Contrastive Feature Reconstruction and Aggregation for Multi-Modal Multi-Label Emotion Recognition	Cheng Peng; Ke Chen; Lidan Shou; Gang Chen

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ViSTec: Video Modeling for Sports Technique Recognition and Tactical	Yuchen He; Zeqing Yuan; Yihong Wu; Liqi Cheng; Dazhen Deng; Yingcai Wu
PromptMRG: Diagnosis-Driven Prompts for Medical Report Generation	Haibo Jin; Haoxuan Che; Yi Lin; Hao Chen
EMGAN: Early-Mix-GAN on Extracting Server-Side Model in Split Federated Learning	Jingtao Li; Xing Chen; Li Yang; Adnan Siraj Rakin; Deliang Fan; Chaitali Chakrabarti
FedDAT: An Approach for Foundation Model Finetuning in Multi-Modal Heterogeneous Federated Learning	Haokun Chen; Yao Zhang; Denis Krompass; Jindong Gu; Volker Tresp
Auto-Prox: Training-Free Vision Transformer Architecture Search via Automatic Proxy Discovery	Zimian Wei; Peijie Dong; Zheng Hui; Anggeng Li; Lujun Li; Menglong Lu; Hengyue Pan; Dongsheng Li
Follow Your Pose: Pose-Guided Text-to-Video Generation Using Pose-Free Videos	Yue Ma; Yingqing HE; Xiaodong Cun; Xintao Wang; Siran Chen; Xiu Li; Qifeng Chen
Style2Talker: High-Resolution Talking Head Generation with Emotion Style and Art Style	Shuai Tan; Bin Ji; Ye Pan
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SAM-PARSER: Fine-Tuning SAM Efficiently by Parameter Space Reconstruction	Zelin Peng; Zhengqin Xu; Zhilin Zeng; Xiaokang Yang; Wei Shen
Mimic: Speaking Style Disentanglement for Speech-Driven 3D Facial Animation	Hui Fu; Zeqing Wang; Ke Gong; Keze Wang; Tianshui Chen; Haojie Li; Haifeng Zeng; Wenxiong Kang
Tuning-Free Inversion-Enhanced Control for Consistent Image Editing	Xiaoyue Duan; Shuhao Cui; Guoliang Kang; Baochang Zhang; Zhengcong Fei; Mingyuan Fan; Junshi Huang
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Explicit Visual Prompts for Visual Object Tracking	Liangtao Shi; Bineng Zhong; Qihua Liang; Ning Li; Shengping Zhang; Xianxian
Task-Agnostic Privacy-Preserving Representation Learning for Federated Learning against Attribute Inference Attacks	Caridad Arroyo Arevalo; Sayedeh Leila Noorbakhsh; Yun Dong; Yuan Hong; Binghui Wang
LERE: Learning-Based Low-Rank Matrix Recovery with Rank Estimation	Zhengqin Xu; Yulun Zhang; Chao Ma; Yichao Yan; Zelin Peng; Shoulie Xie; Shiqian Wu; Xiaokang Yang
Adv-Diffusion: Imperceptible Adversarial Face Identity Attack via Latent Diffusion Model	Decheng Liu; Xijun Wang; Chunlei Peng; Nannan Wang; Ruimin Hu; Xinbo Gao
In-Hand 3D Object Reconstruction from a Monocular RGB Video	Shijian Jiang; Qi Ye; Rengan Xie; Yuchi Huo; Xiang Li; Yang Zhou; Jiming
Preference Ranking Optimization for Human Alignment	Feifan Song; Bowen Yu; Minghao Li; Haiyang Yu; Fei Huang; Yongbin Li; Houfeng Wang
Stability of Multi-Agent Learning in Competitive Networks: Delaying the Onset of Chaos	Aamal Hussain; Francesco Belardinelli
Peer Neighborhood Mechanisms: A Framework for Mechanism Generalization	Adam Richardson; Boi Faltings
Differentiable Auxiliary Learning for Sketch Re-identification	Xingyu Liu; Xu Cheng; Haoyu Chen; Hao Yu; Guoying Zhao
Disentangled Diffusion-Based 3D Human Pose Estimation with Hierarchical Spatial and Temporal Denoiser	Qingyuan Cai; Xuecai Hu; Saihui Hou; Li Yao; Yongzhen Huang

Rethinking Multi-Scale Representations in Deep Deraining Transformer	Hongming Chen; Xiang Chen; Jiyang Lu; Yufeng Li
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UVAGaze: Unsupervised 1-to-2 Views Adaptation for Gaze Estimation	Ruicong Liu; Feng Lu
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Panoptic Scene Graph Generation with Semantics-Prototype Learning	Li Li; Wei Ji; Yiming Wu; Mengze Li; You Qin; Lina Wei; Roger Zimmermann
CEDFlow: Latent Contour Enhancement for Dark Optical Flow Estimation	Fengyuan Zuo; Zhaolin Xiao; Haiyan Jin; Haonan Su
Latent Space Editing in Transformer-Based Flow Matching	Vincent Tao Hu; Wei Zhang; Meng Tang; Pascal Mettes; Deli Zhao; Cees Snoek
Harnessing Holistic Discourse Features and Triadic Interaction for Sentiment Quadruple Extraction in Dialogues	Bobo Li; Hao Fei; Lizi Liao; Yu Zhao; Fangfang Su; Fei Li; Donghong Ji
ChromaFusionNet (CFNet): Natural Fusion of Fine-Grained Color Editing	Yi Dong; Yuxi Wang; Ruoxi Fan; Wenqi Ouyang; Zhiqi Shen; Peiran Ren; Xuansong Xie
SPD-DDPM: Denoising Diffusion Probabilistic Models in the Symmetric Positive Definite Space	Yunchen Li; Zhou Yu; Gaoqi He; Yunhang Shen; Ke Li; Xing Sun; Shaohui Lin
Few-Shot Neural Radiance Fields under Unconstrained Illumination	SeokYeong Lee; JunYong Choi; Seungryong Kim; Ig-Jae Kim; Junghyun Cho
Exploring Gradient Explosion in Generative Adversarial Imitation Learning: A Probabilistic Perspective	Wanying Wang; Yichen Zhu; Yirui Zhou; Chaomin Shen; Jian Tang; Zhiyuan Xu; Yaxin Peng; Yangchun Zhang
V2A-Mapper: A Lightweight Solution for Vision-to-Audio Generation by Connecting Foundation Models	Heng Wang; Jianbo Ma; Santiago Pascual; Richard Cartwright; Weidong Cai
STDiff: Spatio-Temporal Diffusion for Continuous Stochastic Video Prediction	Xi Ye; Guillaume-Alexandre Bilodeau
Multi-Prompts Learning with Cross-Modal Alignment for Attribute-Based Person Re-identification	Yajing Zhai; Yawen Zeng; Zhiyong Huang; Zheng Qin; Xin Jin; Da Cao
CDPNet: Cross-Modal Dual Phases Network for Point Cloud Completion	Zhenjiang Du; Jiale Dou; Zhitao Liu; Jiwei Wei; Guan Wang; Ning Xie; Yang Yang
BVT-IMA: Binary Vision Transformer with Information-Modified Attention	Zhenyu Wang; Hao Luo; Xuemei Xie; Fan Wang; Guangming Shi
Learning in Online Principle-Agent Interactions: The Power of Menus	Minbiao Han; Michael Albert; Haifeng Xu
SRFormer: Text Detection Transformer with Incorporated Segmentation and Regression	Qingwen Bu; Sungrae Park; Minsoo Khang; Yichuan Cheng
SAT-Based Algorithms for Regular Graph Pattern Matching	Miguel Terra-Neves; José Amaral; Alexandre Lemos; Rui Quintino; Pedro Resende; Antonio Alegria
BAND: Biomedical Alert News Dataset	Zihao Fu; Meiru Zhang; Zaiqiao Meng; Yannan Shen; David Buckeridge; Nigel Collier
SD-MVS: Segmentation-Driven Deformation Multi-View Stereo with Spherical Refinement and EM Optimization	Zhenlong Yuan; Jiakai Cao; Zhaoxin Li; Hao Jiang; Zhaoqi Wang
Dynamic Weighted Combiner for Mixed-Modal Image Retrieval	Fuxiang Huang; Lei Zhang; Xiaowei Fu; Suqi Song

MCL-NER: Cross-Lingual Named Entity Recognition via Multi-View Contrastive Learning	Ying Mo; Jian Yang; Jiahao Liu; Qifan Wang; Ruoyu Chen; Jingang Wang; Zhoujun Li
Iterative Token Evaluation and Refinement for Real-World Super-resolution	Chaofeng Chen; Shangchen Zhou; Liang Liao; Haoning Wu; Wenxiu Sun; Qiong Yan; Weisi Lin
CrossBind: Collaborative Cross-Modal Identification of Protein Nucleic-Acid-Binding Residues	Linglin Jing; Sheng Xu; Yifan Wang; Yuzhe Zhou; Tao Shen; Zhigang Ji; Hui Fang; Zhen Li; Siqi Sun
Optical Flow for Spike Camera with Hierarchical Spatial-Temporal Spike	Rui Zhao; Ruiqin Xiong; Jian Zhang; Xinfeng Zhang; Zhaofei Yu; Tiejun Huang
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MatchDet: A Collaborative Framework for Image Matching and Object Detection	Jinxiang Lai; Wenlong Wu; Bin-Bin Gao; Jun Liu; Jiawei Zhan; Congchong Nie; Yi Zeng; Chengjie Wang
DGA-GNN: Dynamic Grouping Aggregation GNN for Fraud Detection	Mingjiang Duan; Tongya Zheng; Yang Gao; Gang Wang; Zunlei Feng; Xinyu Wang
FedDiv: Collaborative Noise Filtering for Federated Learning with Noisy Labels	Jichang Li; Guanbin Li; Hui Cheng; Zicheng Liao; Yizhou Yu
patchDPCC: A Patchwise Deep Compression Framework for Dynamic Point Clouds	Zirui Pan; Mengbai Xiao; Xu Han; Dongxiao Yu; Guanghui Zhang; Yao Liu
Regroup Median Loss for Combating Label Noise	Fengpeng Li; Kemou Li; Jinyu Tian; Jiantao Zhou
Multimodal Event Causality Reasoning with Scene Graph Enhanced Interaction Network	Jintao Liu; Kaiwen Wei; Chenglong Liu
TNPAR: Topological Neural Poisson Auto-Regressive Model for Learning Granger Causal Structure from Event Sequences	Yuequn Liu; Ruichu Cai; Wei Chen; Jie Qiao; Yuguang Yan; Zijian Li; Keli Zhang; Zhifeng Hao
Latent Diffusion Transformer for Probabilistic Time Series Forecasting	Shibo Feng; Chunyan Miao; Zhong Zhang; Peilin Zhao
Mining Gaze for Contrastive Learning toward Computer-Assisted Diagnosis	Zihao Zhao; Sheng Wang; Qian Wang; Dinggang Shen
Parallel Vertex Diffusion for Unified Visual Grounding	Zesen Cheng; Kehan Li; Peng Jin; Siheng Li; Xiangyang Ji; Li Yuan; Chang Liu; Jie Chen
G^2SAM: Graph-Based Global Semantic Awareness Method for Multimodal Sarcasm Detection	Yiwei Wei; Shaozu Yuan; Hengyang Zhou; Longbiao Wang; Zhiling Yan; Ruosong Yang; Meng Chen
Meta-Learning-Based Adaptive Stability Certificates for Dynamical Systems	Amit Jena; Dileep Kalathil; Le Xie
Unsupervised Domain Adaptive Temporal Sentence Localization with Mutual Information Maximization	Daizong Liu; Xiang Fang; Xiaoye Qu; Jianfeng Dong; He Yan; Yang Yang; Pan Zhou; Yu Cheng
Fine-Grained Knowledge Selection and Restoration for Non-exemplar Class Incremental Learning	Jiang-Tian Zhai; Xialei Liu; Lu Yu; Ming-Ming Cheng
Watch Your Head: Assembling Projection Heads to Save the Reliability of Federated Models	Jinqian Chen; Jihua Zhu; Qinghai Zheng; Zhongyu Li; Zhiqiang Tian
SCTNet: Single Branch CNN with Transformer Semantic Information for Real-Time Segmentation	Zhengze Xu; Dongyue Wu; Changqian Yu; Xiangxiang Chu; Nong Sang; Changxin Gao
Domain Generalizable Person Search Using Unreal Dataset	Minyoung Oh; Duhyun Kim; Jae-Young Sim
Dynamic Tangled Derivative Logic of Metric Spaces	David Fernández-Duque; Yoàv Montacute
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
Stability in Online Coalition Formation	Martin Bullinger; René Romen

Learning Broadcast Protocols	Dana Fisman; Noa Izsak; Swen Jacobs
A Hybrid Global-Local Perception Network for Lane Detection	Qing Chang; Yifei Tong
Modeling Adaptive Inter-Task Feature Interactions via Sentiment-Aware Contrastive Learning for Joint Aspect-Sentiment Prediction	Wei Chen; Yuxuan Liu; Zhao Zhang; Fuzhen Zhuang; Jiang Zhong
COMMA: Co-articulated Multi-Modal Learning	Lianyu Hu; Liqing Gao; Zekang Liu; Chi-Man Pun; Wei Feng
IML-ViT: Benchmarking Image Manipulation Localization by Vision	Xiaochen Ma; Bo Du; Zhuohang Jiang; Ahmed Alhammadi; Jizhe Zhou
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Fair Lotteries for Participatory Budgeting	Haris Aziz; Xinhang Lu; Mashbat Suzuki; Jeremy Vollen; Toby Walsh
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SphereDiffusion: Spherical Geometry-Aware Distortion Resilient Diffusion Model	Tao Wu; Xuewei Li; Zhongang Qi; Di Hu; Xintao Wang; Ying Shan; Xi Li
Towards Transferable Adversarial Attacks with Centralized Perturbation	Shangbo Wu; Yu-an Tan; Yajie Wang; Ruinan Ma; Wencong Ma; Yuanzhang
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SayCanPay: Heuristic Planning with Large Language Models Using Learnable Domain Knowledge	Rishi Hazra; Pedro Zuidberg Dos Martires; Luc De Raedt
Meta-Inverse Reinforcement Learning for Mean Field Games via Probabilistic Context Variables	Yang Chen; Xiao Lin; Bo Yan; Libo Zhang; Jiamou Liu; Neset TAN; Michael Witbrock
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SAMFlow: Eliminating Any Fragmentation in Optical Flow with Segment Anything Model	Shili Zhou; Ruian He; Weimin Tan; Bo Yan
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VIGC: Visual Instruction Generation and Correction	Bin Wang; Fan Wu; Xiao Han; Jiahui Peng; Huaping Zhong; Pan Zhang; Xiaoyi Dong; Weijia Li; Wei Li; Jiaqi Wang; Conghui He
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