
Event Agenda

IEEE Conf. on Multimedia Expo

Mon, Jul 15, 2024

Tue, Jul 16, 2024

10:30 AM - 12:10 PM

ORAL: Multimedia Analysis

Location: Peninsula 1F

HARIS: Human-Like Attention for Reference Image Segmentation

10:30 AM - 10:50 AM

Location: Peninsula 1F

Diff-IFL: Towards General Image Forgery Localization using Diffusion Probabilistic Model

10:50 AM - 11:10 AM

Location: Peninsula 1F

FedDGP: Disentangling Global and Personal Models for Federated Learning

11:10 AM - 11:30 AM

Location: Peninsula 1F

Delve into Source and Target Collaboration in Semi-supervised Domain Adaptation for Semantic Segmentation

11:30 AM - 11:50 AM

Location: Peninsula 1F

Color Space Learning for Cross-Color Person Re-Identification

11:50 AM - 12:10 PM

Location: Peninsula 1F

10:30 AM - 12:10 PM

ORAL: Multimedia Data Compression and Communication 1

Location: Hennepin Ballroom 1F

Powerful Lossy Compression for Noisy Images

10:30 AM - 10:50 AM

Location: Hennepin Ballroom 1F

Block-wise compression of the quantum gray-scale image using lossy preparation approach

10:50 AM - 11:10 AM

Location: Hennepin Ballroom 1F

TailClip: Mitigating Tail Latency in Cloud Gaming via Smart Video Frame Generation

11:10 AM - 11:30 AM

Location: Hennepin Ballroom 1F

Facial Region-Based Ensembling for Unsupervised Temporal Deepfake Localization

11:30 AM - 11:50 AM

Location: Hennepin Ballroom 1F

On The Higher Moment Disparity of Backdoor Attacks

11:50 AM - 12:10 PM

Location: Hennepin Ballroom 1F

10:30 AM - 12:10 PM

ORAL: Representation Learning for Multimedia Analysis

Location: Niagara 3F

Representation Distillation for Efficient Self-Supervised Learning

10:30 AM - 10:50 AM

Location: Niagara 3F

AdaForensics: Learning A Characteristic-aware Adaptive Deepfake Detector

10:50 AM - 11:10 AM

Location: Niagara 3F

MULTI-MODAL DOCUMENT PRESENTATION ATTACK DETECTION WITH FORENSICS TRACE DISENTANGLEMENT

11:10 AM - 11:30 AM

Location: Niagara 3F

VS3D: A Vote-based Semi-supervised 3D Object Detection Framework for Point Clouds

11:30 AM - 11:50 AM

Location: Niagara 3F

Open-set Hierarchical Semantic Segmentation for 3D Scene

11:50 AM - 12:10 PM

Location: Niagara 3F

CoherentICE: Invertible Concept-based Explainability Framework for CNNs Beyond Fidelity [1A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

A DUAL-BRANCH NETWORK BASED ON CONNECTIVITY MASK FOR RETINAL VESSEL SEGMENTATION [1B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

ASD: Towards Attribute Spatial Decomposition for Prior-Free Facial Attribute Recognition [2A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Continual Semantic Segmentation Via Mask-Based Class Rebalancing [2B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

HIERARCHICAL LOCAL TEMPORAL FEATURE ENHANCING FOR TRANSFORMER-BASED 3D HUMAN POSE ESTIMATION [3A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Gradient Saliency-aware CutMix for Semi-Supervised Medical Image Segmentation [3B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

INTERMEDIATE DOMAIN MEETS NATURAL HAZY TRACKING [4A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

RETHINKING ADVERSARIAL ROBUSTNESS DISTILLATION VIA STRENGTH-DEPENDENT ADAPTIVE REGULARIZATION [4B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

STUI-Net: Semi-Supervised Transformer for Underwater Information Enhancement [5A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Video Anomaly Detection Via Self-supervised Learning With Frame Interval and Rotation Prediction [5B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Boundary-Aware Contrastive Learning for Single-Source Domain Generalization in Medical Image Segmentation [6A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Mask Matching Network for Few-shot Medical Image Segmentation [6B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Balanced Active Sampling for Person Re-identification [7A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Camera Bias Regularization for Person Re-identification [7B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

PROTOTYPE-GUIDED PRIOR ENHANCEMENT AND RECTIFICATION IN FEW-SHOT SEMANTIC SEGMENTATION [8A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

ReCo-CXR: a Self-Supervised Pre-training Framework for Pulmonary Nodule Detection in X-ray Images [8B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Proposal Feature Learning using Proposal Relations for Weakly Supervised Object Detection [9A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

CLIPER: A Unified Vision-Language Framework for In-the-Wild Facial Expression Recognition [9B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

MALIP: Improving Few-Shot Image Classification with Multimodal Fusion Enhancement [10A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Jointly Learn the Base Clustering and Ensemble for Deep Image Clustering [10B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Retinal Vessel Segmentation via Cross-Attention Feature Fusion [11A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

AuxSegCount: Auxiliary seg-attention based network for wheat ears counting in field conditions [11B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Multi-head multi-scale pixel localization network for crowd counting with highly dense and small-scale samples [12A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

CaPAN: Class-aware Prototypical Adversarial Networks for Unsupervised Domain Adaptation [12B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Mask-guided Salient Feature Mining for Cloth-Changing Person Re-identification [13A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Dense Voxel Representation Network for Implicit Scene Completion [13B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

MergeNet: Mesh Reconstruction from Sparse Point Clouds via Edge Prediction [14A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Unveiling the Significance of Width Dimension in Bird's-Eye View Segmentation [14B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Multi-feature and Multi-branch Action Segmentation Framework for Modeling Long-Short-Term Dependencies [15A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

MaFree2P: A matching-free image-to-point cloud registration paradigm with active camera pose retrieval [15B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

RotoGBML: Towards Out-of-Distribution Generalization for Gradient-Based Meta-Learning [16A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Fast Textile Pilling Classification Based on A Lightweight Network and 3D Point Clouds [16B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

MULTIMODAL SEMANTIC FUSION FOR ZERO-SHOT LEARNING [17A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

ESTME: Event-driven Spatio-temporal Motion Enhancement for Micro-Expression Recognition [17B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

ENHANCING FEW-SHOT CLASSIFICATION WITHOUT FORGETTING THROUGH MULTI-LEVEL CONTRASTIVE CONSTRAINTS [18A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Correcting Pseudo Labels in Semi Supervised Object Detection with SAM [18B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

A Tri-Branch Network with Prototype-aware Matching for Universal Category Discovery [19A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Task-Aware Lipschitz Confidence Data Augmentation in Reinforcement Learning from Images [19B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

ParaSurRe: Parallel Surface Reconstruction with No Pose Prior [20A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

MFITrack: Multi-Frame Integration Strategy for Enhanced Motion-Centric Single Object Tracking [20B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

SADA: SELF-ADAPTIVE DOMAIN ADAPTATION FROM BLACK-BOX PREDICTORS [21A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

EPContrast: Effective Point-level Contrastive Learning for Large-scale Point Cloud Understanding [21B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Selective Cross-Correlation Consistency Loss for Out-of-Distribution Generalization [22A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

CROSS-DOMAIN FEATURE SEMANTIC CALIBRATION FOR ZERO-SHOT SKETCH-BASED IMAGE RETRIEVAL [22B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Dual Guidance Enhancing Camouflaged Object Detection via Focusing Boundary and Localization Representation [23A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

A LIGHTWEIGHT MULTI-LEVEL RELATION NETWORK FOR FEW-SHOT ACTION RECOGNITION [23B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Modality-Free Violence Detection via Cross-modal Causal Attention and Feature Distillation [24A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Efficient Guided Query Network for Human-Object Interaction Detection [24B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

BTC: Bilateral-Branch Vision Transformer via Hilbert Patch Embedding for Image Clustering [25A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

A Noise Robust Framework via Uncertainty Guidance for Medical Image Segmentation with Noisy Label [25B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

C3T: Contrastive Consistency Cross-Network Learning for Semi-Supervised Semantic Segmentation [26A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

ICFRNet: Image Complexity Prior Guided Feature Refinement for Real-time Semantic Segmentation [26B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Effective and Efficient Few-Shot Fine-Tuning for Vision Transformers [27A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

X-ReID: Cross-Instance Transformer for Identity-Level Person Re-Identification [27B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Semantic Bridging and Feature Anchoring for Class Incremental Learning [28A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

STCMOT: Spatio-Temporal Cohesion Learning for UAV-Based Multiple Object Tracking [28B]

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Location: Hallways near Oak Ball Room

Graph Attention Convolutional Network for 3D Human Pose and Shape Estimation from Point Clouds [29A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

DepthRefiner: Adapting RGB Trackers to RGBD Scenes via Depth-Fused Refinement [29B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

WirePAUS: Auxiliary-free Single-shot Wireframe Parsing [30A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Two-stage Information Bottleneck for Temporal Language Grounding [30B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Edge-Guided Detector-Free Network for Robust and Accurate Visible-Thermal Image Matching [31A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

MuMoSNet: 3D MRI-based Brain Tumor Segmentation via Multi-modal and Multi-scale Feature Fusion [31B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

DDLNet: Boosting Remote Sensing Change Detection via Dual-Domain Learning [32A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Cascaded Network with Hierarchical Self-Distillation for Sparse Point Cloud Classification [32B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Deep Self-paced Active Learning for Image Clustering [33A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

SMPLX-Lite: A Realistic and Drivable Avatar Benchmark with Rich Geometry and Texture Annotations [33B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Densely Connected Transformer with Frequency Awareness and SAM Guidance for Semi-Supervised Hyperspectral Image Classification [34A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Probabilistic Restoration with Adaptive Noise Sampling for 3D Human Pose Estimation [34B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

PSPU: Enhanced Positive and Unlabeled Learning by Leveraging Pseudo Supervision [35A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Multiscale Binary-Pattern Dependency: A Novel Co-Occurrence Texture Descriptor for Fine-Grained Leaf Image Retrieval [35B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Don't Turn a Blind Eye to Localization Noise: Localization Pseudo-label Correction and Learning For Semi-Supervised Object Detection [36A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Rotation Exploration Transformer for Aerial Person Re-identification [36B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

MEMORY-GUIDED NETWORK WITH UNCERTAINTY-BASED FEATURE AUGMENTATION FOR FEW-SHOT SEMANTIC SEGMENTATION [37A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Robust 3D Face Alignment with Multi-Path Neural Architecture Search [37B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

CAM-Guided translation for unpaired weakly-supervised medical image segmentation [38A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

HQOD: Harmonious Quantization for Object Detection [38B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Video Object Segmentation with Dynamic Query Modulation [39A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Focal-Guided Multi-Consistency for Unsupervised Partial-to-Partial Point Cloud Registration [39B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Multi-Scale Heterogeneity-Aware Hypergraph Representation for Histopathology Whole Slide Images [40A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

PA-SAM: Prompt Adapter SAM for High-Quality Image Segmentation [40B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Source-Free Domain Adaptation for Point Cloud Semantic Segmentation [41A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Learning Motion Priors with DETR for Visual Tracking [41B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

ENHANCING MULTIMODAL SENTIMENT RECOGNITION BASED ON CROSS-MODAL CONTRASTIVE LEARNING [42A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Latent Distribution Alignment for Domain Generalizable Person Re-identification [42B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

SAMP: Adapting Segment Anything Model for Pose Estimation [43A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Enhancing Consistent Federated Learning Objectives through Uniform Feature Distributions [43B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Visual-guided Query with Temporal Interaction for Referring Video Object Segmentation [44A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Multi-batch Nuclear-norm Adversarial Network for Unsupervised Domain Adaptation [44B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Lottery Ticket Hypothesis for Attention Mechanism in Residual Convolutional Neural Network [45A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Boosting Disfluency Detection with Large Language Model as Disfluency Generator [45B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Adaptive Global-local Fusion Network Based Deep Unsupervised Hashing for Remote Sensing Image Retrieval [46A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

UNSUPERVISED MULTI-TARGET DOMAIN ADAPTATION INCREMENTAL METHOD BASED ON CONTRASTIVE LEARNING [46B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Learning Conditional Prompt for Compositional Zero-shot Learning [47A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Boundary Contrast Domain Adaptation for Cross-modality Medical Image Segmentation [47B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Cooperative Students: Navigating Unsupervised Domain Adaptation in Nighttime Object Detection [48A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

JOINT LANGUAGE PROMPT AND OBJECT TRACKING [48B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

MULTI-ATTRIBUTE CONSISTENCY DRIVEN VISUAL LANGUAGE FRAMEWORK FOR SURFACE DEFECT DETECTION [49A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Privacy-Preserving Replay and Adaptive Relation Distillation for Camera Incremental Person Re-Identification [49B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

iDAT: inverse Distillation Adapter-Tuning [50A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Debiased Prototypical Learning Improves Generalized Category Discovery [50B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

GATrack: Group-Aware features for multiple object tracking [51A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

SDVIT: TOWARDS EFFICIENT VISUAL FOUNDATION MODEL VIA UNIFYING SPARSE AND DENSE REPRESENTATION LEARNING [51B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

US-SAM : AUTOMATIC PROMPT SAM FOR ULTRASOUND IMAGE [52A]

10:30 AM - 4:30 PM

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Frequency-Domain Enhanced Cross-modal Interaction Mechanism for Joint Video Moment Retrieval and Highlight Detection [52B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Bi-directional Boundary-object interaction and refinement network for Camouflaged Object Detection [53A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Interpretable Function Embedding and Module in Convolutional Neural Networks [53B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Spatial Dual Context Learning for Weakly-supervised Group Activity Recognition in Still-images [54A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Re³adapter: Efficient Parameter Fine-Tuning with Triple Reparameterization for Adapter without Inference Latency [54B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Relating CNN-Transformer Fusion Network for Remote Sensing Change Detection [55A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Clothing Sampling Based on Active Learning For Cloth-Changing Person Re-identification [55B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Reference-conditional Makeup-aware Discrimination for Face Image Beautification [56A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

MSFGNet: Multi-Scale Features Gathering Network for Change Detection of Remote Sensing Images [56B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Fast label prediction based on shrunk anchor graph for semi-supervised incomplete multiview classification [57A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

CLIP-Driven Multi-Scale Instance Learning for Weakly Supervised Video Anomaly Detection [57B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Adaptive Temporal Motion Guided Graph Convolution Network for Micro-expression Recognition [58A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

ASQUERY: A QUERY-BASED MODEL FOR ACTION SEGMENTATION [58B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

I-Matting: Improved Trimap-free Image Matting [59A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

TS-SAM: Two Small Steps for SAM, One Giant Leap for Abnormal detections [59B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Mutual Positive and Negative Learning for Weakly-supervised Point Cloud Semantic Segmentation [60A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

MPVNN: MULTI-RESOLUTION POINT-VOXEL NONPARAMETRIC NETWORK FOR 3D POINT CLOUD PROCESSING [60B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

FENet: Focusing Enhanced Network for Lane Detection [61A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Dynamic Scene Graph Generation with Unified Temporal Modeling [61B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

THE ROOT ELEMENT OF HUMAN POSES IS RADIAN: MCPRL IS ALL YOU NEED [62A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

ICF-Loc: An Infrared-Based Coarse-to-Fine Approach for UAV Visual Geolocation under GPS-Denied Environments [62B]

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Location: Hallways near Oak Ball Room

FREQFORMER: EFFICIENT POLYP SEGMENTATION VIA WAVELET TRANSFORM [63A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Saliency dataset and predictive model for areas of interest in VVC perceptual coding [63B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

A Parallel Attention Network for Cattle Face Recognition [64A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Few Shot Industrial Anomaly Detection and Localization via Robustly Adaptive Feature Matching [64B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Diffusion based Coarse-to-Fine Network for 3D Human Pose and Shape Estimation from monocular video [65A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

FedGCA: Global Consistent Augmentation based Single-Source Federated Domain Generalization [65B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

GRPSNet: Multi-Class Part Parsing based on Graph Reasoning [66A]

10:30 AM - 4:30 PM

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STformer: Advancing Video Deraining Network Integrating with Spatial Transformers and Multiscale Feature Extraction [66B]

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SIMILARITY MINING VIA IMPLICIT MATCHING PATTERN LEARNING FOR KINSHIP VERIFICATION [67A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

K-Face Net: A Two-Stage Framework for Balanced Feature Space in Facial Expression Recognition [67B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Exploiting Vision-Language Model for Visible-Infrared Person Re-identification via Textual Modality Alignment [68A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

TACKLING FEATURE SKEW IN HETEROGENEOUS FEDERATED LEARNING WITH SEMANTIC ENHANCEMENT [68B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

ODNet: Orthogonal-Perception and Dense-dilation Enhanced Network for Segmenting Complex Tree Branch Structures [69A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Enhancing Shape Perception and Segmentation Consistency for Industrial Image Inspection [69B]

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SFDE-net: A Spatial-Frequency Domain Feature Enhancement Network for Cloud Detection [70A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

C2F-CCPE: Coarse-to-Fine Cross-View Camera Pose Estimation [70B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

MULTI-MODAL GAIT RECOGNITION WITH UNIDIRECTIONAL CROSS-MODAL ALIGNMENT [71A]

10:30 AM - 4:30 PM

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3D Nodule Content-based Metric Learning for Evidence-based Lung Cancer Screening [71B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

TRAFFICSCENE: A MULTI-MODAL DATASET INCLUDING LIGHT FIELD FOR SEMANTIC SEGMENTATION OF TRAFFIC SCENES [72A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Hierarchical Temporal Attention and Competent Teacher Network for Sound Event Detection [72B]

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Location: Hallways near Oak Ball Room

Offset-based Disentangled Representation for Efficient Human Pose Estimation [73A]

10:30 AM - 4:30 PM

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DynamicTrack: Advancing Gigapixel Tracking in Crowded Scenes [73B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Cross-Evaluation and Re-weighting for Multi-Source-Free Domain Adaptation [74A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

TUTOR ASSISTED FEATURE DISTILLATION [74B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Region Attention Fine-tuning with CLIP for Few-shot Classification [75A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Adaptive Style Transfer Learning for Generalizable Person Re-identification [75B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Combining Soft and Hard Attentions for high-quality single-stage instance segmentation [76A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Local-to-Global Perception Network for Point Cloud Segmentation [76B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

EMo Transformer: Transformer-Based Depression Detection via Eye Movements [77A]

10:30 AM - 4:30 PM

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Customized Cross-device Neural Architecture Search with Images [77B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Space-time Reinforcement Network for Video Object Segmentation [78A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Contour-Guided Modality Mitigation Network for Visible-Infrared Person Re-Identification [78B]

10:30 AM - 4:30 PM

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Attentive Modeling and Distillation for Out-of-distribution Generalization of Federated Learning [79A]

10:30 AM - 4:30 PM

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Unsupervised Domain Adaptation Semantic Segmentation on Thyroid Ultrasound Images Based on Task-Oriented Feature Disentanglement [79B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

TOWARDS ACCURATE 3D FACE ALIGNMENT UNDER EXTREME SCENARIOS VIA MULTI-GRANULARITY PERTURBATION RELEARNING [80A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Area Intervention for Enhancing Class Activation Maps in Weakly Supervised Semantic Segmentation [80B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

INVERSE OPTIMIZATION FOR MULTI-VIEW MULTIPLE CLUSTERING [81A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Focal Stack Alignment Enhancement Network For Light Field Salient Object Detection [81B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

AMBIGUITY CONSISTENCY AND UNCERTAINTY MINIMIZATION FOR SEMI-SUPERVISED MEDICAL IMAGE SEGMENTATION [82A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Disentangling and Aggregating: A Data-Centric Training Framework for Cross-Domain Few-Shot Classification [82B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

FedMMR: Multi-Modal Federated Learning via Missing Modality Reconstruction [83A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

A CASCADE MULTIMODAL FINE-GRAINED MRI IMAGE GRADING NETWORK FOR PREOPERATIVE MICROVASCULAR INVASION IN HEPATOCELLULAR CARCINOMA [83B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Cross-Lingual Transfer for Natural Language Inference via Multilingual Prompt Translator [84A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

2:00 PM - 4:30 PM

ORAL: Deep Learning for Multimedia 1

Location: Hennepin Ballroom 1F

SmPhy: Generating smooth and physically plausible 3D garment animations

2:00 PM - 2:20 PM

Location: Hennepin Ballroom 1F

ETAU: Towards Emotional Talking Head Generation via Facial Action Unit

2:20 PM - 2:40 PM

Location: Hennepin Ballroom 1F

DEVIATION WING LOSS FOR HIGH-PERFORMANCE 2D POSE ESTIMATION

2:40 PM - 3:00 PM

Location: Hennepin Ballroom 1F

INFUSIONSURF: REFINING NEURAL RGB-D SURFACE RECONSTRUCTION USING PER-FRAME INTRINSIC REFINEMENT AND TSDF FUSION PRIOR LEARNING

3:00 PM - 3:20 PM

Location: Hennepin Ballroom 1F

Neural Dynamics Pruning for Energy-Efficient Spiking Neural Networks

3:40 PM - 4:00 PM

Location: Hennepin Ballroom 1F

2:00 PM - 4:30 PM

ORAL: High Level Visual Information Understanding and Processing 1

Location: Peninsula 1F

Crowd Counting and Localization in Haze and Rain

2:00 PM - 2:20 PM

Location: Peninsula 1F

FedMDC: Enabling Communication-efficient Federated Learning over Packet Lossy Networks via Multiple Description Coding

2:20 PM - 2:40 PM

Location: Peninsula 1F

Client-supervised Federated Learning: Towards One-model-for-all Personalization

2:40 PM - 3:00 PM

Location: Peninsula 1F

TS-SAM: FINE-TUNING SEGMENT-ANYTHING MODEL FOR DOWNSTREAM TASKS

3:00 PM - 3:20 PM

Location: Peninsula 1F

Training-free Transformer Architectural Search via Attention Expressivity and Trainability for Visual Models

3:40 PM - 4:00 PM

Location: Peninsula 1F

Training-free Neural Architecture Search for Convolution-Attention Hybrid Networks on Visual Tasks

4:00 PM - 4:20 PM

Location: Peninsula 1F

2:00 PM - 4:30 PM

ORAL: Multimodal Data Understanding and Processing 2

Location: Niagara 3F

Chain-of-Thought Prompting for Demographic Inference with Large Multimodal Models

2:00 PM - 2:20 PM

Location: Niagara 3F

ProTA: Probabilistic Token Aggregation for Text-Video Retrieval

2:20 PM - 2:40 PM

Location: Niagara 3F

Multi-Attentional Distance for Zero-Shot Classification with Text-to-Image Diffusion Model

2:40 PM - 3:00 PM

Location: Niagara 3F

Heterogeneous Hypergraph Structure Learning for Multimedia Recommendation

3:00 PM - 3:20 PM

Location: Niagara 3F

FL-CLIP: Bridging Plasticity and Stability in Pre-Trained Federated Class-Incremental Learning Models

3:40 PM - 4:00 PM

Location: Niagara 3F

FedStyle: Style-Based Federated Learning Crowdsourcing Framework for Art Commissions

4:00 PM - 4:20 PM

Location: Niagara 3F

3:20 PM - 3:40 PM

Coffee Break

10:30 AM - 12:00 PM

ORAL: Human-Machine Interaction

Location: Peninsula 1F

ExpertODE: Continuous Diagnosis Prediction with Expert Enhanced Neural Ordinary Differential Equations

10:30 AM - 10:50 AM

Location: Peninsula 1F

CROSS-ATTENTION IS NOT ALWAYS NEEDED: DYNAMIC CROSS-ATTENTION FOR AUDIO-VISUAL DIMENSIONAL EMOTION RECOGNITION

10:50 AM - 11:10 AM

Location: Peninsula 1F

RADIO FREQUENCY SIGNAL BASED HUMAN SILHOUETTE SEGMENTATION: A SEQUENTIAL DIFFUSION APPROACH

11:10 AM - 11:30 AM

Location: Peninsula 1F

EGLA-Net: Edge Guided with Lesion Aware Network for Medical image segmentation

11:30 AM - 11:50 AM

Location: Peninsula 1F

10:30 AM - 12:00 PM

ORAL: Multimedia Data Classification

Location: Niagara 3F

PointELM: Fast Point Cloud Classification Using Deep Random Mapping Based Extreme Learning Machines

10:30 AM - 10:50 AM

Location: Niagara 3F

Positive Label Is All You Need for Multi-Label Classification

10:50 AM - 11:10 AM

Location: Niagara 3F

Fine-Grained Scene Image Classification with Modality-Agnostic Adapter

11:10 AM - 11:30 AM

Location: Niagara 3F

Explicit Correlation Learning for Generalizable Cross-Modal Deepfake Detection

11:30 AM - 11:50 AM

Location: Niagara 3F

10:30 AM - 12:00 PM

ORAL: Multimedia Data Generation and Synthesis 1

Location: Salon A 3F

RACon: Retrieval-Augmented Simulated Character Locomotion Control

10:30 AM - 10:50 AM

Location: Salon A 3F

Controllable and Gradual Facial Blemishes Retouching via Physics-Based Modelling

10:50 AM - 11:10 AM

Location: Salon A 3F

Adaptive Oriented Adversarial Attacks on Visible and Infrared Image Fusion Models

11:10 AM - 11:30 AM

Location: Salon A 3F

10:30 AM - 12:00 PM

ORAL: Visual Data Acquisition and Computation

Location: Hennepin Ballroom 1F

DSENet: An Object-wise Density-Informed Coarse-to-Fine Object Detector for Aerial Image

10:30 AM - 10:50 AM

Location: Hennepin Ballroom 1F

NID-SLAM: Neural Implicit Representation-based RGB-D SLAM In Dynamic Environments

10:50 AM - 11:10 AM

Location: Hennepin Ballroom 1F

Alternating direction method of multipliers for negative binomial model with the weighted difference of anisotropic and isotropic total variation

11:10 AM - 11:30 AM

Location: Hennepin Ballroom 1F

SCD-NAS: Towards Zero-Cost Training in Melanoma Diagnosis

11:30 AM - 11:50 AM

Location: Hennepin Ballroom 1F

10:30 AM - 5:00 PM

POSTER: Multimedia Analysis 2

Location: Hallways near Oak Ball Room

FNFormer: A Transformer-Based Face Normal Estimator [1A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

FE-VAD: High-Low Frequency Enhanced Weakly Supervised Video Anomaly Detection [1B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Multi-Stage Fusion for Event-based Multimodal Tracker [2A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Exploring Interactive Semantic Alignment for Efficient HOI Detection with Vision-language Model [2B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

LR-MAE: Locate while Reconstructing with Masked Autoencoders for Point Cloud Self-supervised Learning [3A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

A Region-Growing Supervised Geometry-weighted Transformer for Normal Estimation [3B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

PGDM: Multimodal Panoramic Image Generation with Diffusion Models [4A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

TLVC: Temporal Bit-rate Allocation for Learned Video Compression [4B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Noisy Residual Continuous Diffusion Models for Real Image Denoising [5A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Towards Low-resource License Plate Recognition via Feature Shuffling [5B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Three-Stage Temporal Deformable Network for Blurry Video Frame Interpolation [6A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Beyond Global Cues: Unveiling the Power of Fine Details in Image Matching [6B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Do Keypoints Contain Crucial Information? Mining Keypoint Information to Enhance Cross-View Geo-Localization [7A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Contextual Interaction Enhancement Network for Smoke Detection [7B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

IMPROVING FEW-SHOT NEURAL RADIANCE FIELD WITH IMAGE BASED RENDERING [8A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

SVT: Spectral Video Transformer for Video Restoration in Under-Display Camera [8B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Encoding Semantic Priors into the Weights of Implicit Neural Representation [9A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Towards Real-World Continuous Image Super-Resolution: Benchmark and Method [9B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

HFF-Net: A High-Frequency Fidelity Model for Accelerated Parallel MRI Reconstruction [10A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Q-Refine: A Perceptual Quality Refiner for AI-Generated Image [10B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Geo GCN: Geometric-based Graph CNN for Learning on Point Clouds [11A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Agnostic Feature Compression with Semantic Guided Channel Importance Analysis [11B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Document Image Dewarping Guided by 3D Geometry and Layout Priors [12A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

ConfR: Conflict Resolving for Generalizable Deepfake Detection [12B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Salient Part-Aligned and Keypoint Disentangling Transformer for Person Re-identification in Aerial Imagery [13A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

EFFICIENT SAMPLING AND VOLUME RENDERING STRATEGY FOR NEURAL FIELD SLAM [13B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Training-free Robust Neural Network Search [14A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Heuristic Action-aware and Priority Communication for Multi-agent Path Finding [14B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

DeformingNet: Deforming Multiple Uniform 3D Priors for 3D Point Cloud Completion [15A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

VIP-FSCIL: A More Robust Approach for FSCIL [15B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

HpEIS: Learning Hand Pose Embeddings for Multimedia Interactive Systems [16A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Parameter Efficient Fine-Tuning on Selective Parameters for Pre-trained Models [16B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

MoCoSA: Momentum Contrast for Knowledge Graph Completion with Structure-Augmented Pre-trained Language Models [17A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Enhancing Adversarial Transferability on Vision Transformer by Permutation-Invariant Attacks [17B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Multi-Strategy Adversarial Learning for Robust Face Forgery Detection under Heterogeneous and Composite Attacks [18A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

A Benchmark of Zero-Shot Cross-Lingual Task-Oriented Dialogue Based on Adversarial Contrastive Representation Learning [18B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

BFD: Binarized Frequency-enhanced Distillation for Vision Transformer [19A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Multi-scale Transformer with Prompt Learning for Remote Sensing Image Dehazing [19B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

coarse-to-fine alignment makes better speech-image retrieval [20A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Out-of-Distribution Detection by Principal Component Correspondence [20B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

ADAPTIVE LEARNING VIA A NEGATIVE SELECTION STRATEGY FOR FEW-SHOT BIOACOUSTIC EVENT DETECTION [21A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Two-phase Parametric Registration for Retinal Images [21B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

LPTCGAN: Laplace Pyramid three-layer cyclic high definition image enhancement network [22A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

HMDST: A Hybrid Model-Data Driven Approach for Spatio-Temporally Consistent Video Inpainting [22B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

DualCOS: Query-Efficient Data-Free Model Stealing with Dual Clone Networks and Optimal Samples [23A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

SSHR: Leveraging Self-supervised Hierarchical Representations for Multilingual Automatic Speech Recognition [23B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Omni Spatial-Angular Correlations Exploration for Light Field Image Super-Resolution [24A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Mix background and foreground separately: Transformer-based Augmentation Strategies for Domain Generalization [24B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

SPformer: Hybrid Sequential-Parallel Architectures for Automatic Speech Recognition [25A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

PSEUDOLABEL DISTILLATION WITH ADVERSARIAL CONTRASTIVE LEARNING FOR SEMISUPERVISED DOMAIN ADAPTATION [25B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Restoring Real-World Images Affected by Varied Degradations Using a Semi-Supervised Domain Adaptation Network [26A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Dual-Domain Multi-Model GAN Fingerprint Restoration for Compressed Fake Face Attribution [26B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

SVASTIN: Sparse Video Adversarial Attack via Spatio-Temporal Invertible Neural Networks [27A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Artistry in Pixels: FVS - A Framework for Evaluating Visual Elegance and Sentiment Resonance in Generated Images [27B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

EFFICIENT U-SHAPE INVERTIBLE NEURAL NETWORK FOR IMAGE STEGANOGRAPHY [28A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Joint Flow Estimation from Point Clouds and Event Streams [28B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

EVAN: Evolutional Video Streaming Adaptation via Neural Representation [29A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

DA-LGNet: Enhancing Spatial-Spectral feature representation with Dual-Attention Local-General Network for Hyperspectral images and Multispectral images Fusion [29B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

No-Reference MRI Quality Assessment via Contrastive Representation: Spatial and Frequency Domain Perspectives [30A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Reputation Defender: Local Black-Box Adversarial Attack against Image-Translation-Based DeepFake [30B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

HYPRE: HYBRID PROXY RE-ENCRYPTION FOR SECURE MULTIMEDIA DATA SHARING ON MOBILE DEVICES [31A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

ClothMix: A Cloth Augmentation Strategy for Cloth-Changing Person Re-Identification [31B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Hierarchical Attention Feature Fusion and Refinement Network for Point Cloud Upsampling [32A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

An images regeneration method for CG anti-forensics based on sensor device trace [32B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

CRNet: Cross-Reconstruction Network for Inconsistent Point Cloud Registration [33A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Exploring the Self-Supervised Constraints in Image Super-Resolution [33B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

DOMAIN ADAPTIVE POSE ESTIMATION VIA MULTI-LEVEL ALIGNMENT [34A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Integer or Floating Point? New Outlooks for Low-Bit Quantization on Large Language Models [34B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

FT-CSR: CASCADED FREQUENCY-TIME METHOD FOR CODED SPEECH RESTORATION [35A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Sid-NeRF: Few-shot NeRF Based On Scene Information Distribution [35B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Point cloud reconstruction optimization of light field image based on intra-class distance [36A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Unifying Generation and Compression: Ultra-low bitrate Image Coding Via Multi-stage Transformer [36B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Counterfactual Explanations for Face Forgery Detection via Adversarial Removal of Artifacts [37A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Boosting Multi-Speaker Expressive Speech Synthesis with Semi-supervised Contrastive Learning [37B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Camera Chameleon — the Creative Impact of Tracked Tangible Interfaces for Virtual Film Pre-Production [38A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

RC-Block: Refinement Coefficient For Rectifying Deformation Field [38B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Deep Bi-directional Attention Network for Image Super-Resolution Quality Assessment [39A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

LDNet: Semantic Segmentation of High-Resolution Images via Learnable Patch Proposal and Dynamic Refinement [39B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Multi-Hop Distillation for Efficient Cross-layer Knowledge Transfer [40A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

FLA-TE: Feature Inference Attack on Decision Tree Ensembles in Vertical Federated Learning [40B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

DuCoFPan: Dual-Condition Flow-based Network for Pan-sharpening [41A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Trident Transformer for Light Field Image Super-Resolution [41B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

DEEP UNFOLDING 3D NON-LOCAL TRANSFORMER NETWORK FOR HYPERSPECTRAL SNAPSHOT COMPRESSIVE IMAGING [42A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Illumination enlightened spatial-temporal inconsistency for deepfake video detection [42B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Universal Organizer of Segment Anything Model for Unsupervised Semantic Segmentation [43A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Learning Semantic-aware Retinex Network with Spatial-Frequency Interaction for Low-light Image Enhancement [43B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Self-Supervised Learning-Based General Fine-tuning Framework For Audio

Classification and Event Detection [44A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Mixed 3D Gaussian for Dynamic Scenes Representation and Rendering [44B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

A CHANNEL-WISE GUIDANCE SPARSE TRANSFORMER FOR EFFECTIVE DARK IMAGE ENHANCEMENT [45A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Optimizing Projection-based Point Cloud Quality Assessment with Human Preferred Viewpoints Selection [45B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

EventTrojan: Manipulating Non-Intrusive Speech Quality Assessment Via Imperceptible Events [46A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

HydraFormer: One Encoder For All Subsampling Rates [46B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Invisible Pedestrians: Synthesizing Adversarial Clothing Textures to Evade Industrial Camera-Based 3D Detection [47A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

NIR-VIS Image Translation for the Cross-Spectral and Cross-Distance Face Recognition [47B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Discriminative Pedestrian Features and Gated Channel Attention for Clothes-Changing Person Re-Identification [48A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

ENHANCING THE TRANSFERABILITY OF ADVERSARIAL EXAMPLES WITH NOISE INJECTION AUGMENTATION [48B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Causal Intervention for Panoptic Scene Graph Generation [49A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Fuzzy Boundary-Guided Network for Camouflaged Object Detection [49B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Weakly-Supervised Action Localization by Hierarchical Attention Mechanism with Multi-Scale Fusion Strategies [50A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

CLASS-AWARE FEATURE PERTURBATION FOR LONG-TAILED VISUAL RECOGNITION [50B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Self-paced co-training and foundation model for semi-supervised medical image segmentation [51A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Causal Fusion of Convolutional Neural Network and Vision Transformer for Image Anomaly Detection and Localization [51B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Symmetrical Two-Stream with Selective Sampling for Diversifying Video Captions [52A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Annotation-free Automatic Music Transcription with Scalable Synthetic Data and Adversarial Domain Confusion [52B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

RoRTC: Toward Region-of-Interest Reinforced Real-Time Video Communication [53A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Full-Reference Motion Quality Assessment Based on Efficient Monocular Parametric 3D Human Body Reconstruction [53B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

RevNet: A Review Network with Group Aggregation Fusion for Singing Melody Extraction [54A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

JIGSAW: Edge-based Streaming Perception over Spatially Overlapped Multi-Camera Deployments [54B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Multi-Scale Dense Description for Blind Image Quality Assessment [55A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

How Does Textual Information Selection Influence Time Series Forecasting? A Cross-modal Perspective on Financial Volatility Prediction [55B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

COSDIFF: CODE-SWITCHING TTS MODEL BASED ON A MULTI-TASK DDIM [56A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

A patch-wise adversarial denoising could enhance the robustness of adversarial training [56B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Improving Transferability of Adversarial Examples with Adversaries Competition [57A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Efficient Speech-to-Text Translation: Progressive Pruning for Accelerated Speech Pre-trained Model [57B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

FRACTIONAL ORDER SPECTRUM OF CUMULANT IN SAR IMAGE REGISTRATION [58A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Picking watermarks from noise (PWFN): an improved robust watermarking model against intensive distortions [58B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

EDGE-GUIDED MURAL IMAGE INPAINTING BY INTEGRATING LOCAL AND GLOBAL INFORMATION AND MULTIPLE COLOR SPACES [59A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

SSyncOA: Self-synchronizing Object-aligned Watermarking to Resist Cropping-paste Attacks [59B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Harmonic Frequency-Separable Transformer for Instrument-agnostic Music Transcription [60A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

PVRF: Single-Plane and Single-Vector for Memory-Efficient Radiance Fields [60B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

GIE : GRADIENT INVERSION WITH EMBEDDINGS [61A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

TOP-DOWN GUIDANCE BASED VIT-CNN NETWORK CONSIDERING THEME INFORMATION FOR IMAGE AESTHETIC ASSESSMENT [61B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

IMPROVING DRUM SOURCE SEPARATION WITH TEMPORAL-FREQUENCY STATISTICAL DESCRIPTORS [62A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

MULTIQ: MULTI-MODEL JOINT LEARNING VIA SYNTHETIC DATA FOR DATA-FREE QUANTIZATION [62B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

HIDD: Human-perception-centric Incremental Deepfake Detection [63A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Bringing Textual Prompt to AI-Generated Image Quality Assessment [63B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

NOISE ADAPTIVE FINE-GRAINED SPEECH INTELLIGIBILITY ENHANCEMENT WITH SOFT-LABEL GUIDED DIFFUSION [64A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Style-ACAE: Adversarial Capsule Autoencoder with Styles [64B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

STRA: A SIMPLE TOKEN REPLACEMENT STRATEGY ALLEVIATING EXPOSURE BIAS IN TEXT GENERATION [65A]

10:30 AM - 5:00 PM
Location: Hallways near Oak Ball Room

Robust Principal Component Analysis via High-Order self-learning Transform Tensor Nuclear Norm [65B]

10:30 AM - 5:00 PM
Location: Hallways near Oak Ball Room

Speaker Recognition Based on Pre-Trained Model and Deep Clustering [66A]

10:30 AM - 5:00 PM
Location: Hallways near Oak Ball Room

Convolutional Modulation Feature Distillation Network for Image Super-resolution [66B]

10:30 AM - 5:00 PM
Location: Hallways near Oak Ball Room

MC-PCGC: A SPACE-CHANNEL MIXED CONTEXTUAL CODING FOR POINT CLOUD GEOMETRY COMPRESSION [67A]

10:30 AM - 5:00 PM
Location: Hallways near Oak Ball Room

Transferable and high-quality adversarial example generation leveraging diffusion model [67B]

10:30 AM - 5:00 PM
Location: Hallways near Oak Ball Room

Shapley Ensemble Adversarial Attack [68A]

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Location: Hallways near Oak Ball Room

Revisiting Large Kernel Convolution for Light Field Image Angular Super-Resolution [68B]

10:30 AM - 5:00 PM
Location: Hallways near Oak Ball Room

TGMAE: Self-supervised Micro-Expression Recognition with Temporal Gaussian Masked Autoencoder [69A]

10:30 AM - 5:00 PM
Location: Hallways near Oak Ball Room

OWR: Optimizing Watermark Robustness for Screen Recording [69B]

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Location: Hallways near Oak Ball Room

Stega-Matting: Irregular Matting Protection via Steganography [70A]

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Location: Hallways near Oak Ball Room

Enhanced speech emotion recognition incorporating speaker-sensitive interactions in conversations [70B]

10:30 AM - 5:00 PM
Location: Hallways near Oak Ball Room

CAPformer: Compression-Aware Pre-trained Transformer for Low-Light Image Enhancement [71A]

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Location: Hallways near Oak Ball Room

MysticMask: Adversarial Mask for Impersonation Attack Against Face Recognition Systems [71B]

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Second-order Self-supervised Learning for Breast Cancer Classification [72A]

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Location: Hallways near Oak Ball Room

A Fast and Tunable Privacy-Preserving Action Recognition Framework over Compressed Video [72B]

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Location: Hallways near Oak Ball Room

FFnsr: Fast and Fine Neural Surface Reconstruction [73A]

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Location: Hallways near Oak Ball Room

MULTI-SCALE AND MULTI- PATCH AGGREGATION NETWORK BASED ON DUAL-COLUMN VISION FUSION FOR IMAGE AESTHETICS ASSESSMENT [73B]

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Location: Hallways near Oak Ball Room

I2GSRNET ITERATIVE INTERACTION GUIDANCE NETWORK FOR STEREO IMAGE SUPER-RESOLUTION [74A]

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Location: Hallways near Oak Ball Room

A LIGHTWEIGHT CNN AND SPATIAL-CHANNEL TRANSFORMER HYBRID NETWORK FOR IMAGE SUPER-RESOLUTION [74B]

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Location: Hallways near Oak Ball Room

I²CL-ANE: A Novel Attribute Network Embedding based on Intra-Inter View Contrastive Learning [75A]

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Location: Hallways near Oak Ball Room

LMGSNet: A Lightweight Multi-scale Group Shift Fusion Network for Low-quality 3D Face Recognition [75B]

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Beimin: serverless-based adaptive real-time video processing [76A]

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HSVFormer: Robust and Unsupervised HSV-based Transformer Framework for Low-Light Image Enhancement [76B]

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A Study on Incorporating Whisper for Robust Speech Assessment [77A]

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ENHANCED INTERPRETABILITY IN LEARNED IMAGE COMPRESSION VIA CONVOLUTIONAL SPARSE CODING [77B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

MEMix: Improving HMER with Diverse Formula Structure Augmentation [78A]

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IE-aware Consistency Losses for Detailed 3D Face Reconstruction from Multiple Images in the Wild [78B]

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Location: Hallways near Oak Ball Room

WINNER TAKES IT ALL: AN EFFICIENT OVERLAP-AWARE HYBRID ONLINE DIARIZATION WITH PARTIAL BACKTRACKING MECHANISM [79A]

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Location: Hallways near Oak Ball Room

A Coarse-to-Fine Reconstruction Framework for Non-Lambertian Photometric Stereo [79B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

PAME: Self-Supervised Masked Autoencoder for No-Reference Point Cloud Quality Assessment [80A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Improving the SAR Image Adversarial Transferability through Dual-loop Ensemble Gradient Attack [80B]

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Location: Hallways near Oak Ball Room

PianoBART: Symbolic Piano Music Generation and Understanding with Large-Scale Pre-Training [81A]

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Location: Hallways near Oak Ball Room

ALIGN-RDW: ALIGNMENT-BASED REDIRECTED WALKING FOR MULTI-USER VR SCENARIOS [81B]

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Location: Hallways near Oak Ball Room

Distillation Excluding Positives for Few-Shot Class-Incremental Learning [82A]

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Location: Hallways near Oak Ball Room

Dynamic Implicit Image Function for Efficient Arbitrary-Scale Super-Resolution [82B]

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Location: Hallways near Oak Ball Room

Towards Query-Efficient Decision-Based Adversarial Attacks Through Frequency Domain [83A]

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Location: Hallways near Oak Ball Room

MUSIC FORM ANALYSIS: A CASE STUDY OF THE THEME AND VARIATIONS FORM [83B]

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Location: Hallways near Oak Ball Room

Cross-Point Adversarial Attack Based on Feature Neighborhood Disruption Against Segment Anything Model [84A]

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Location: Hallways near Oak Ball Room

TranBF: Deep Transformer Networks and Bayesian Filtering for Time Series Anomalous Signal Detection in Cyber-physical Systems [84B]

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Location: Hallways near Oak Ball Room

Collaborative Edge Caching in LEO Satellites Networks: A MAPPO Based Approach [85A]

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Location: Hallways near Oak Ball Room

Defending Against Backdoor Attacks via Region Growing and Diffusion Model [85B]

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Location: Hallways near Oak Ball Room

RLVC: Robust and Lightweight Voice Conversion Using Cross-Adaptive Instance Normalization [86A]

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Location: Hallways near Oak Ball Room

Controllable Text-to-Audio Generation with Training-free Temporal Guidance Diffusion [86B]

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AdaStyleSpeech: a Fast Stylized Speech Synthesis Model Based on Adaptive Instance Normalization [87A]

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Location: Hallways near Oak Ball Room

SC-HVPPNET: SPATIAL AND CHANNEL HYBRID-ATTENTION VIDEO POST-PROCESSING NETWORK WITH CNN AND TRANSFORMER [87B]

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Location: Hallways near Oak Ball Room

Frequency Decomposition-Driven Network for JPEG Artifacts Removal [88A]

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Location: Hallways near Oak Ball Room

Fragile Model Watermark for Integrity Protection: leveraging boundary volatility and sensitive sample-pairing [88B]

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Location: Hallways near Oak Ball Room

Frequency-regularized Neural Representation Method for Sparse-view Tomographic Reconstruction [89A]

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Location: Hallways near Oak Ball Room

DiffuStra: A Diffusion Model for Dialog Strategy in Non-Collaborative Dialog Systems [89B]

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Location: Hallways near Oak Ball Room

Low Bitrate Light Field Video Compression with Two-step Refinement Reconstruction [90A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

SD4Privacy: Exploiting Stable Diffusion for Protecting Facial Privacy [90B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Jointly Recognizing Speech and Singing Voices Based on Multi-Task Audio Source Separation [91A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

A Self-Attention Network for Stereo Matching [91B]

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Location: Hallways near Oak Ball Room

Multitrack Emotion-Based Music Generation Network Using Continuous Symbolic Features [92A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Exploring Audio-Visual Information Fusion for Sound Event Localization and Detection In Low-Resource Realistic Scenarios [92B]

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Location: Hallways near Oak Ball Room

Domain Prompt Learning Framework for Real Image Dehazing [93A]

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Location: Hallways near Oak Ball Room

FREE-VIEW RENDERING OF DYNAMIC HUMAN FROM MONOCULAR VIDEO VIA MODELING TEMPORAL INFORMATION GLOBALLY AND LOCALLY AMONG ADJACENT FRAMES [93B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

PUBLIC-DOMAIN LOCATOR FOR BOOSTING ATTACK TRANSFERABILITY ON VIDEOS [94A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

ANCHOR BASED MULTI-VIEW CLUSTERING FOR PARTIALLY VIEW-ALIGNED DATA [94B]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Sliced Maximal Information Coefficient: A Training-Free Approach for Image Quality Assessment Enhancement [95A]

10:30 AM - 5:00 PM

Location: Hallways near Oak Ball Room

Research on Image Aesthetic Assessment Based on Graph Convolutional Network [95B]

10:30 AM - 5:00 PM
Location: Hallways near Oak Ball Room

FedFRR: Federated Forgetting-Resistant Representation Learning [96A]

10:30 AM - 5:00 PM
Location: Hallways near Oak Ball Room

Cycle Frequency-Harmonic-Time Transformer for Note-level Singing Voice Transcription [96B]

10:30 AM - 5:00 PM
Location: Hallways near Oak Ball Room

Point Cloud Compression via Constrained Optimal Transport [97A]

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Location: Hallways near Oak Ball Room

FEASIBILITY STUDY OF MULTI-LAYER VVC CODING SCHEME FOR HYBRID MACHINE-HUMAN CONSUMPTION [97B]

10:30 AM - 5:00 PM
Location: Hallways near Oak Ball Room

Enhancing Out-of-Distribution Generalization in VQA through Gini Impurity-guided Adaptive Margin Loss [98A]

10:30 AM - 5:00 PM
Location: Hallways near Oak Ball Room

InstructVid2Vid: Controllable Video Editing with Natural Language Instructions [98B]

10:30 AM - 5:00 PM
Location: Hallways near Oak Ball Room

The Correlation Analysis between Cybersickness and Postural Behavior in Immersive Viewing Experience [99A]

10:30 AM - 5:00 PM
Location: Hallways near Oak Ball Room

Real-Time Human Motion Transfer System for Holographic Displays (demo paper) [99B]

10:30 AM - 5:00 PM
Location: Hallways near Oak Ball Room

LFCAVE: Interactive 3D Space with Multiple Light Field Displays (demo paper) [100A]

10:30 AM - 5:00 PM
Location: Hallways near Oak Ball Room

NeuProofreader: An Interactive Neuron Proofreading System with Intelligent Prompts for Connectomics (demo paper) [100B]

10:30 AM - 5:00 PM
Location: Hallways near Oak Ball Room

VIDBOT: INTELLIGENT VIDEO LEARNING TOOL FOR CONTENT MINING AND PLAYBACK TRAFFIC STATISTICS (demo paper) [101A]

10:30 AM - 5:00 PM
Location: Hallways near Oak Ball Room

Equipped with Monocular Depth Estimation and Intelligent Wake-up Vision Based Tracking System for a Human-Following Mobile Robot (demo paper) [101B]

10:30 AM - 5:00 PM
Location: Hallways near Oak Ball Room

ESTME: A Micro-Expression Recognition System with Event Camera (demo paper) [102A]

10:30 AM - 5:00 PM
Location: Hallways near Oak Ball Room

An SoC based Hardware Accelerator for Blind Assistive System (demo paper) [102B]

10:30 AM - 5:00 PM
Location: Hallways near Oak Ball Room

3:40 PM - 5:00 PM

ORAL: Deep Learning for Multimedia 2

Location: Hennepin Ballroom 1F

CSS-Net: Domain Generalization in Category-level Pose Estimation via Corresponding Structural Superpoints

3:40 PM - 4:00 PM
Location: Hennepin Ballroom 1F

Manga109Dialog: A Large-scale Dialogue Dataset for Comics Speaker Detection

4:00 PM - 4:20 PM
Location: Hennepin Ballroom 1F

Learning CAD Geometric Primitives via Generative Model

4:20 PM - 4:40 PM
Location: Hennepin Ballroom 1F

Adaptive Margin Contrastive Learning for Ambiguity-aware 3D Semantic Segmentation

4:40 PM - 5:00 PM
Location: Hennepin Ballroom 1F

3:40 PM - 5:00 PM

ORAL: Low Level Visual Information Processing 1

Location: Salon A 3F

Minutes to Seconds: Speeded-up DDPM-based Image Inpainting with Coarse-to-Fine Sampling

3:40 PM - 4:00 PM

Location: Salon A 3F

Ultralight-weight Binary Neural Network with 1K Parameters for Image Super-Resolution

4:00 PM - 4:20 PM

Location: Salon A 3F

MULTI-CONTRAST MRI RECONSTRUCTION WITH DEFORMABLE ATTENTION AND INVERTIBLE NETWORK

4:20 PM - 4:40 PM

Location: Salon A 3F

3:40 PM - 5:00 PM

ORAL: Multimodal Data Understanding and Processing 1

Location: Ontario 3F

Photorealistic image style transfer based on explicit affine transformation

3:40 PM - 4:00 PM

Location: Ontario 3F

Ghost-in-Wave: How Speaker-Irrelative Features Interfere DeepFake Voice Detectors

4:00 PM - 4:20 PM

Location: Ontario 3F

RRE: A Relevance Relation Extraction framework for cross-domain recommender system at Alipay

4:20 PM - 4:40 PM

Location: Ontario 3F

Enhanced Blind Watermarking Against Black-Box Noise: Leveraging CIN Framework

4:40 PM - 5:00 PM

Location: Ontario 3F

3:40 PM - 5:00 PM

ORAL: Multimodal multimedia applications

Location: Peninsula 1F

Disentangle and Denoise: Tackling Context Misalignment for Video Moment Retrieval

3:40 PM - 4:00 PM

Location: Peninsula 1F

ForecasterFlexOBM: A multi-view audio-visual dataset for flexible object-based media production

4:00 PM - 4:20 PM

Location: Peninsula 1F

DATA STANDARDIZATION FOR ROBUST LIP SYNC

4:20 PM - 4:40 PM

Location: Peninsula 1F

Understanding Impacts Of Electromagnetic Signal Injection Attacks On Object Detection

4:40 PM - 5:00 PM

Location: Peninsula 1F

3:40 PM - 5:00 PM

ORAL: Visual Quality Assessment and Perception

Location: Niagara 3F

Quantitative Analysis of Eye-Tracking Data Based on Information-Theoretic Tools for Measuring Driver Drowsiness

3:40 PM - 4:00 PM

Location: Niagara 3F

No-Reference Segmentation Annotation Quality Assessment

4:00 PM - 4:20 PM

Location: Niagara 3F

Multi-modal Learnable Queries for Image Aesthetics Assessment

4:20 PM - 4:40 PM

Location: Niagara 3F

Thu, Jul 18, 2024

10:30 AM - 12:00 PM

ORAL: Multimedia Data Compression and Communication 2

Location: Hennepin Ballroom 1F

Theoretical Bound-Guided Hierarchical VAE for Neural Image Codecs

10:30 AM - 10:50 AM

Location: Hennepin Ballroom 1F

Flexible Mixed Precision Quantization for Learned Image Compression

10:50 AM - 11:10 AM

Location: Hennepin Ballroom 1F

10:30 AM - 12:10 PM

ORAL: Multimedia Data Generation and Synthesis 2

Location: Peninsula 1F

Expanding Crack Segmentation Dataset with Crack Growth Simulation and Feature Space Diversity

10:30 AM - 10:50 AM

Location: Peninsula 1F

Unified Diffusion-Based Rigid and Non-Rigid Editing with Text and Image Guidance

10:50 AM - 11:10 AM

Location: Peninsula 1F

MVTexGen: Synthesising 3D Textures with Using Multi-View Diffusion

11:10 AM - 11:30 AM

Location: Peninsula 1F

Single Stage Warped Cloth Learning and Semantic-Contextual Attention Feature Fusion for Virtual TryOn

11:30 AM - 11:50 AM

Location: Peninsula 1F

Hierarchically Aggregated Identification Transformer Network for Camouflaged Object Detection

11:50 AM - 12:10 PM

Location: Peninsula 1F

10:30 AM - 12:00 PM

ORAL: Multimedia Standards

Location: Niagara 3F

Why some audio signal short-time Fourier transform coefficients have nonuniform phase distributions

10:30 AM - 10:50 AM

Location: Niagara 3F

ELiTe: Efficient Image-to-LiDAR Knowledge Transfer for Semantic Segmentation

10:50 AM - 11:10 AM

Location: Niagara 3F

M2SN : Adaptive and Dynamic Multi-modal Shortcut Network Architecture for Latency-aware Applications

11:10 AM - 11:30 AM

Location: Niagara 3F

10:30 AM - 12:00 PM

ORAL: Multimodal Data Understanding and Processing 4

Location: Salon A 3F

VLURelID: Exploiting Vision-Language Knowledge for Unsupervised Person Re-Identification

10:30 AM - 10:50 AM

Location: Salon A 3F

COM3D: Leveraging Cross-View Correspondence and Cross-Modal Mining for 3D Retrieval

10:50 AM - 11:10 AM

Location: Salon A 3F

High-Order Differential Regularizing Implicit Surface Representation of Point Cloud

11:10 AM - 11:30 AM

Location: Salon A 3F

10:30 AM - 12:00 PM

ORAL: Visual/Audio/Speech/Text Processing

Location: Ontario 3F

MFHCA: ENHANCING SPEECH EMOTION RECOGNITION VIA MULTI-SPATIAL FUSION AND HIERARCHICAL COOPERATIVE ATTENTION

10:30 AM - 10:50 AM

Location: Ontario 3F

ProDub: Progressive Growing of Facial Dubbing Networks for Enhanced Lip Sync and Fidelity

10:50 AM - 11:10 AM

Location: Ontario 3F

AudioLog: LLMs-Powered Long Audio Logging with Hybrid Token-Semantic Contrastive Learning

11:10 AM - 11:30 AM

Location: Ontario 3F

Multi-granularity Correlation Refinement for Semantic Correspondence

11:30 AM - 11:50 AM

Location: Ontario 3F

10:30 AM - 4:30 PM

POSTER: Multimodal Data Generation and Processing

Location: Hallways near Oak Ball Room

Spike-NeRF: Neural Radiance Field Based On Spike Camera [1A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Completely Unpaired Cross-modal Hashing Based on Coupled Subspace [1B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Training-Free Semantic Video Composition via Pre-trained Diffusion Model [2A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

DARA: Domain- and Relation-aware Adapters Make Parameter-efficient Tuning for Visual Grounding [2B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Efficient dynamic-NeRF based volumetric video coding with rate distortion optimization [3A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Multi-granular Semantic Mining for Composed Image Retrieval [3B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

SKIPFORMER: A SKIP-AND-RECOVER STRATEGY FOR EFFICIENT SPEECH RECOGNITION [4A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

BARTENDER: A simple baseline model for task-level heterogeneous federated learning [4B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

ExpGest: Expressive Full-Body Gesture Generation Using Diffusion Model and Hybrid Audio-Text Guidance [5A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Neighborhood-adaptive Context Enhancement Learning for Scene Graph Generation [5B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

A Multimodal Transformer for Live Streaming Highlight Prediction [6A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Build a Cross-modality Bridge for Image-to-Point Cloud Registration [6B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

MeshStyle: Text-driven Efficient and High-Quality 3D Mesh Stylization via Hypergraph Convolution [7A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Overcoming Language Priors for Visual Question Answering Based on Knowledge Distillation [7B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Enhancing Zero-shot 3D Photography via Mesh-represented Image Inpainting [8A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Structure-aware Residual-Center Representation for Self-Supervised Open-set 3D Cross-Modal Retrieval [8B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Enabling Practical and Efficient Content Delivery from Emerging LEO Mega-Constellations [9A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Rethinking image deraining via text-guided detail reconstruction [9B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Attention in attention for PET-CT modality consensus lung tumor segmentation [10A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

ToW3D: Consistency-aware Interactive Point-based Mesh Editing on GANs [10B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Talking Portrait with Discrete Motion Priors in Neural Radiation Field [11A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Robust Knowledge Distillation and Self-Contrast Reasoning for Debaised Visual Question Answering [11B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

ITportrait: Image-Text Coupled 3D Portrait Domain Adaptation [12A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Reference Prompted Model Adaptation for Referring Camouflaged Object Detection [12B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

High-Fidelity Lake Extraction via Two-Stage Prompt Enhancement: Establishing a Novel Baseline and Benchmark [13A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

HCF-Net: Hierarchical Context Fusion Network for Infrared Small Object Detection [13B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

LCKGE: Multimodal Knowledge Graph Embeddings via Lorentz-based Contrastive Learning [14A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Reconstructing Prototype From Contaminated Face With Variations Across Heterogeneous Domains [14B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Two-step Temporal Divisive Clustering for Unsupervised Action Segmentation [15A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Decoupling Spatio-Temporal Network for Fine-grained Temporal Action Segmentation [15B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

VRHCF: Cross-Source Point Cloud Registration via Voxel Representation and Hierarchical Correspondence Filtering [16A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Unsupervised Monte Carlo Denoising via Learning Contrastive Disentanglement Representation [16B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Towards Omni-supervised Referring Expression Segmentation [17A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Multi-scale Bottleneck Transformer for Weakly Supervised Multimodal Violence Detection [17B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

DNPM: A Neural Parametric Model for the Synthesis of Facial Geometric Details [18A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

ONE-CLASS HEVC DOUBLE COMPRESSION DETECTION WITH SAME CODING PARAMETERS [18B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

An Aesthetic-Guided Multimodal Framework for Video Summarization [19A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Exploring 3D-aware Lifespan Face Aging via Disentangled Shape-Texture Representations [19B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

SSETPAN: Spatial-Spectral Enhanced Transformer based network for pansharpener [20A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Multi-channel Spatio-Temporal Causal Representation Model for Cognitive Load Assessment in Physiological Signals [20B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

DiffImpute: Tabular Data Imputation With Denoising Diffusion Probabilistic Model [21A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Cross-modal Prominent Fragments Enhancement Aligning Network for Image-text Retrieval [21B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Imperceptible Text Steganography based on Group Chat [22A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Recognizing Cognitive Load by a Multi-instance Causal Learning Model from Multi-channel Physiological Data [22B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Diverse Embedding Modeling with Adaptive Noise Filter for Text-based Person Retrieval [23A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

GFAvatar: A High-Quality Facial Avatar Reconstruction Method [23B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Context-Aware Text-Assisted Multimodal Framework for Cervical Cytology Cell Diagnosis and Chatting [24A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

CSMA-CNER: Multi-Modal Chinese NER Task Wth Cross- And Self-Modality Attention [24B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Audio-driven High-resolution Seamless Talking Head Video Editing via StyleGAN [25A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Omni-Granularity Embedding Network for Text-to-Image Person Retrieval [25B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

ESR-DDLN : Enhanced Single Image Super-Resolution via Dual-Domain Learning Network [26A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Color-SD: Stable Diffusion Model already has a Color Style Noisy Latent Space [26B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

SELF-SUPERVISED FEDERATED LEARNING FOR PERSONALIZED HUMAN ACTIVITY RECOGNITION [27A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

GAN Inversion for Image Editing via Unsupervised Domain Adaptation [27B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

IterInv: Iterative Inversion for Pixel-Level T2I Models [28A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

MACFAN: A multi-channel fusion network for subjective aesthetic attributes with automated comments labeling pipeline [28B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Out-of-Distribution Generalization via Style and Spuriousness Eliminating [29A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

EyebrowNet: High-Precision Eyebrow Reconstruction and Matting [29B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Dynamic Multi-Modal Representation Learning for Topic Modeling [30A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

TD3D: Tensor-based Discrete Diffusion Process for 3D Shape Generation [30B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Adversarial Training with OCR Modality Perturbation for Scene-Text Visual Question Answering [31A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Text-based Vector Sketch Editing with Image Editing Diffusion Prior [31B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Video-Driven Sketch Animation via Cyclic Reconstruction Mechanism [32A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

VTR: Bidirectional Video-Textual Transmission Rail for CLIP-based Video Recognition [32B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

ICR-Net: semi-supervised medical image segmentation guided by intra-sample cross reconstruction [33A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Robust VQA via Internal and External Interaction of Modal Information and Question Transformation [33B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

G-MIMO: Empowering GNNs with Diverse Sub-Networks for Graph Classification [34A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Contrastive masked auto-encoders based self-supervised hashing for 2D image and 3D point cloud cross-modal retrieval [34B]

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Location: Hallways near Oak Ball Room

TINA: Think, Interaction, and Action Framework for Zero-Shot Vision Language Navigation [35A]

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Location: Hallways near Oak Ball Room

SCSim: A Realistic Spike Cameras Simulator [35B]

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Location: Hallways near Oak Ball Room

Time-Frequency Jointed Imperceptible Adversarial Attack to Brainprint Recognition with Deep Learning Models [36A]

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Location: Hallways near Oak Ball Room

MATHS: Multimodal Transformer-based Human-readable Solver [36B]

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Location: Hallways near Oak Ball Room

DeCMG: Denoise with Cross-modality Guidance Makes Better Text-video Retrieval [37A]

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Location: Hallways near Oak Ball Room

Shadow constrained DEM refinement based on differentiable rendering [37B]

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Location: Hallways near Oak Ball Room

Sentiment Confidence Separation: A Trust-Optimized Framework for Multimodal Sentiment Classification [38A]

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Location: Hallways near Oak Ball Room

AS-NeRF: Learning Auxiliary Sampling for Generalizable Novel View Synthesis from Sparse Views [38B]

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Location: Hallways near Oak Ball Room

SMILE: Spiking Multi-modal Interactive Label-guided Enhancement Network for Emotion Recognition [39A]

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Location: Hallways near Oak Ball Room

Bilevel Relational Graph Representation Learning-based Multimodal Emotion Recognition in Conversation [39B]

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Location: Hallways near Oak Ball Room

SMAE: A Split Masked Graph Autoencoder [40A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Enhancing Multimodal Sentiment Analysis via Learning from Large Language Model [40B]

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Location: Hallways near Oak Ball Room

Unsupervised Online Cross-modal Hashing With Multiple Association Exploitation [41A]

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Location: Hallways near Oak Ball Room

Enhancing Human Action Recognition with Fine-grained Body Movement Attention [41B]

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Location: Hallways near Oak Ball Room

Prompt-Guided Generation of Structured Chest X-Ray Report Using a Pre-trained LLM [42A]

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Location: Hallways near Oak Ball Room

Modeling Scene-Agent Interaction for Pedestrian Trajectory Prediction [42B]

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Location: Hallways near Oak Ball Room

Unknown Instance Learning for Person Search [43A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Consensus Co-teaching for Dynamically Learning with Noisy Labels [43B]

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Location: Hallways near Oak Ball Room

DrivingGen: Efficient Safety-Critical Driving Video Generation with Latent Diffusion Models [44A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

CUS3D: CLIP-based Unsupervised 3D Segmentation via Object-level Denoise [44B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

VG-Annotator: Vision-Language Models as Query Annotators for Unsupervised Visual Grounding [45A]

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Location: Hallways near Oak Ball Room

Sal-Guide Diffusion: Saliency Maps Guide Emotional Image Generation through Adapter [45B]

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Location: Hallways near Oak Ball Room

TBU: A LARGE-SCALE MULTI-TASK VIDEO DATASET FOR TEACHER BEHAVIOR UNDERSTANDING [46A]

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Location: Hallways near Oak Ball Room

A Multi-View Double Alignment Hashing Network with Weighted Contrastive Learning [46B]

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Location: Hallways near Oak Ball Room

Inferring the effectiveness of epidemic prevention measures based on spatial heterogeneity modeling [47A]

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Location: Hallways near Oak Ball Room

Multi-modal Intent Detection with LVAMoE: the Language-Visual-Audio Mixture of Experts [47B]

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Location: Hallways near Oak Ball Room

FEDCL: DETECTING BACKDOOR ATTACKS IN FEDERATED LEARNING WITH CONFIDENCE LEVELS [48A]

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Location: Hallways near Oak Ball Room

Enhancing Vital Sign Monitoring with Reinforcement Learning and Wavelet Analysis in Sleep Disorders [48B]

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Location: Hallways near Oak Ball Room

KDAS: Knowledge distillation Framework via Attention Supervision for Polyp Segmentation [49A]

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Location: Hallways near Oak Ball Room

Unsupervised Object Discovery via Object-centric representation [49B]

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Semantic-Visual Graph Reasoning for Visual Dialog [50A]

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PortraitNeRF: A Single Neural Radiance Field for Complete and Coordinated Talking Portrait Generation [50B]

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Location: Hallways near Oak Ball Room

Mining Similarity Relationships for Unsupervised Cross modal Hashing [51A]

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Temporal Self-Paced Proposal Learning for Weakly-Supervised Video Moment Retrieval and Highlight Detection [51B]

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RISC: Boosting High-quality Referring Image Segmentation via Foundation Model CLIP [52A]

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Best of all worlds: Efficient and effective multi-task model to obtain comprehensive understanding of individuals' vital characteristics [52B]

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Location: Hallways near Oak Ball Room

Uncertainty-Debiased Multimodal Fusion: Learning Deterministic Joint Representation for Multimodal Sentiment Analysis [53A]

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Distinguishing Visually Similar Images: Triplet Contrastive Learning Framework for Image-text Retrieval [53B]

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Location: Hallways near Oak Ball Room

MULTIMEDIA GENERATIVE MODELLING WITH HIGH-ORDER LANGEVIN DYNAMICS [54A]

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Visual Feature Disentanglement for Zero-Shot Learning [54B]

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Voice-to-Face Generation: Couple of Self-Supervised Representation Learning with Diffusion Model [55A]

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Exploring Iterative Refinement with Diffusion Models for Video Grounding [55B]

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Location: Hallways near Oak Ball Room

Analyzing Behavior and Intention in Multi-agent Systems using Graph Neural Networks [56A]

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Location: Hallways near Oak Ball Room

Progressive Multi-Modality Learning for Inverse Protein Folding [56B]

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Common-Memory Bridged Cross-Modal Adaptive Graph Embedding for Image-Text Retrieval [57A]

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Location: Hallways near Oak Ball Room

Adaptive Prompt Learning with Negative Textual Semantics and Uncertainty Modeling for Universal Multi-Source Domain Adaptation [57B]

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Location: Hallways near Oak Ball Room

Brain Waves Unleashed: Illuminating Neonatal Seizure Detection via Multi-scale Hierarchical Modeling [58A]

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Location: Hallways near Oak Ball Room

Learning Multimodal Attention Mixed with Frequency Domain Information as Detector for Fake News Detection [58B]

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Location: Hallways near Oak Ball Room

STTCNERF: STYLE TRANSFER OF NEURAL RADIANCE FIELDS FOR 3D SCENE BASED ON TEXTURE CONSISTENCY CONSTRAINT [59A]

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Location: Hallways near Oak Ball Room

DPP-Net: Difficulty Perception-Processing Heterogeneous Network for Semi-supervised Medical Image Segmentation [59B]

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Location: Hallways near Oak Ball Room

Temporal sentence grounding with temporally global textual knowledge [60A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

DomainVoyager: Embracing the Unknown domain by prompting for automatic augmentation [60B]

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Location: Hallways near Oak Ball Room

Orthogonal Hyper-category Guided Multi-interest Elicitation for Micro-video Matching [61A]

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Location: Hallways near Oak Ball Room

CGCUT: Unpaired Image-to-Image Translation via Cluster-Guided Contrastive Learning [61B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Information Aggregate and Sentiment Enhance Network to Handle Missing Modalities for Multimodal Sentiment Analysis [62A]

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Location: Hallways near Oak Ball Room

DIRICHLET-BASED COARSE-TO-FINE EXAMPLE SELECTION FOR OPEN-SET ANNOTATION [62B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

FedRMS: Privacy-Preserving Federated Knowledge Graph Embedding through Randomization [63A]

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Location: Hallways near Oak Ball Room

BFMEF: Brightness-Free Multi-exposure Image Fusion via Adaptive Correction [63B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Dual Space Embedding Learning for Weakly Supervised Audio-Visual Violence Detection [64A]

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Location: Hallways near Oak Ball Room

Synthetic Data Augmentation for Infrared Small Target Detection via Exploring

Frequency Components and Targets Prior [64B]

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Location: Hallways near Oak Ball Room

AM2-EMOJE: Adaptive Missing-Modality EMOfion recognition in conversations via Joint-Embedding [65A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Distinguishing Textual Prompt Importance: Image-Guided Text Weighting for CLIP-Based Few-shot learning [65B]

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Location: Hallways near Oak Ball Room

LayoutDM: Precision Multi-Scale Diffusion for Layout-to-Image [66A]

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Location: Hallways near Oak Ball Room

Language-Guided Semantic Alignment for Co-saliency Detection [66B]

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Location: Hallways near Oak Ball Room

Agent-oriented Joint Decision Support for Data Owners in Auction-based Federated Learning [67A]

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Location: Hallways near Oak Ball Room

The Prospect of Enhancing Large-Scale Heterogeneous Federated Learning with Foundation Models [67B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Enhancing Sequential Recommendation Modeling via Adversarial Training [68A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Cross-Modality Consistency Mining for Continuous Sign Language Recognition with Text-domain Equivalents [68B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Landmark-guided Diffusion Model for High-fidelity and Temporally Coherent Talking Head Generation [69A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Fast Multi-view Clustering with Binary Anchor Graph [69B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

MRFER: Multi-channel Robust Feature Enhanced Fusion For Multi-modal Emotion Recognition [70A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Knowledge-Enhanced Multi-perspective Incongruity Perception Network for Multimodal Sarcasm Detection [70B]

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Location: Hallways near Oak Ball Room

M2Depth: A Novel Self-Supervised Multi-Camera Depth Estimation with Multi-Level Supervision [71A]

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Location: Hallways near Oak Ball Room

Person Re-identification utilizing Text to Search Video [71B]

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Location: Hallways near Oak Ball Room

Multi-modal Fusion and Query Refinement Network for Video Moment Retrieval and Highlight Detection [72A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Decoupled Federated Learning on Long-Tailed and Non-IID data with Feature Statistics [72B]

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Location: Hallways near Oak Ball Room

Cross-Modal Adapter: Parameter-Efficient Transfer Learning Approach for Vision-Language Models [73A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

ScribbleEditor: Guided Photo-realistic and Identity-preserving Image Editing with Interactive Scribble [73B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Joint Edge Detection Learning for Recurrent Homography Estimation [74A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

ELIMINATING THE LANGUAGE BIAS FOR VISUAL QUESTION ANSWERING WITH FINE-GRAINED CAUSAL INTERVENTION [74B]

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Location: Hallways near Oak Ball Room

Facial Action Unit Detection with the Semantic Prompt [75A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

When Skeleton Meets Motion: Adaptive Multimodal Graph Representation Fusion for Action Recognition [75B]

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Location: Hallways near Oak Ball Room

BOOSTING NODE INJECTION ATTACK WITH GRAPH LOCAL SPARSITY [76A]

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Location: Hallways near Oak Ball Room

WI-FI BASED GAIT RECOGNITION USING SPECTROGRAM AND PHASE [76B]

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Location: Hallways near Oak Ball Room

Unbiased Image Synthesis via Manifold Guidance in Diffusion Models [77A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

LAIP: Learning Local Alignment from Image-Phrase Modeling for Text-based Person Search [77B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Multi-domain Probability Estimation Network for Forgery Detection over Online Social Network Shared Images [78A]

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Location: Hallways near Oak Ball Room

DUAL-VIEW MULTIMODAL INTERACTION IN MULTIMODAL SENTIMENT ANALYSIS [78B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

CoVLR: Coordinating Cross-Modal Consistency and Intra-Modal Relations for Vision-Language Retrieval [79A]

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Location: Hallways near Oak Ball Room

Leveraging hybrid referring expressions for referring video object segmentation [79B]

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Location: Hallways near Oak Ball Room

Towards Efficient Resume Understanding: A Multi-Granularity Multi-Modal Pre-Training Approach [80A]

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Location: Hallways near Oak Ball Room

A dataset WITH Multi-modal information and Multi-granularity descriptions for video captioning [80B]

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Location: Hallways near Oak Ball Room

Single RGBD to Multilayer 3D Display Pipeline [81A]

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Location: Hallways near Oak Ball Room

DNAF: Diffusion with Noise-Aware Feature for Pose-Guided Person Image Synthesis [81B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

A novel Decoupled Prototype Completion Network for Incomplete Multimodal Emotion Recognition [82A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

MULTI-SCALE POSITION-AWARE CELL NUCLEUS MASK ATTENTION FOR TUMOR BUDDING DETECTION [82B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Mutual Compromised Multi-feature Fusion Method for Cross-modal Hashing Retrieval [83A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

FUSIONDREAMER: CONSISTENT IMAGES GENERATION FROM SPARSE-VIEW IMAGES [83B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

ClipComb: Global-Local Composition Network based on CLIP for Composed Image Retrieval [84A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Local-to-Global Self-Consistency Learning for Temporal Action Localization [84B]

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Location: Hallways near Oak Ball Room

RNG: Reducing Multi-level Noise and Multi-grained Semantic Gap for Joint Multimodal Aspect-Sentiment Analysis [85A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Memory-Augmented Transformer for Efficient End-to-End Video Grounding [85B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Focusing on All Refined Attention Regions for Noisy Label Facial Expression Recognition [86A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

HQ-Avatar: Towards High-Quality 3D Avatar Generation via Point-based Representation [86B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

SIAM: A SIMPLE ALTERNATING MIXER FOR VIDEO PREDICTION [87A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Structural Highlight Network for Camouflaged Object Detection [87B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

IPC: Intra-Inter Patch Correlations for Garment Collision Handling [88A]

10:30 AM - 4:30 PM

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HctMAE:Hybrid Convolution-Transformer Meets Masked Autoencoder for Plant Recognition [88B]

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Location: Hallways near Oak Ball Room

ROBUST VISUAL QUESTION ANSWERING WITH CONTRASTIVE-ADVERSARIAL CONSISTENCY CONSTRAINTS [89A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Rumor Detection Framework Based on Multi-source Knowledge Adaptation [89B]

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Location: Hallways near Oak Ball Room

FedCA:Federated learning based on classification layer alignment [90A]

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SingAvatar: High-fidelity Audio-driven Singing Avatar Synthesis [90B]

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Location: Hallways near Oak Ball Room

TWO-STAGE FACIAL EXPRESSION SPOTTING WITH SPECTRUM-BASED POST-PROCESSING [91A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Automatic Fusion for Multimodal Entity Alignment: a New Perspective from Automatic Architecture Search [91B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Lightweight Camouflaged Object Detection Network Based on Feature Complementation and Enhancement [92A]

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Location: Hallways near Oak Ball Room

NOISE DIMENSION OF GAN: AN IMAGE COMPRESSION PERSPECTIVE [92B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

MTDM-MS: A MALICIOUS TRAFFIC DETECTION MODEL BASED ON MULTI-CATEGORY SIGNALS [93A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

An Empirical Study of Parameter Efficient Fine-tuning on Vision-Language Pre-train Model [93B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

COCO is "ALL" You Need for Visual Instruction Fine-tuning [94A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

TEAdapter: Supply Vivid Guidance For Controllable Text-to-Music Generation [94B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

Multi-source Knowledge Enhanced Graph Attention Networks for Multimodal Fact Verification [95A]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

PROMPT FUSION INTERACTION TRANSFORMER FOR ASPECT-BASED MULTIMODAL SENTIMENT ANALYSIS [95B]

10:30 AM - 4:30 PM

Location: Hallways near Oak Ball Room

TEXT AND EDGE GUIDED THANGKA IMAGE INPAINTING WITH DIFFUSION MODEL [96A]

10:30 AM - 4:30 PM
Location: Hallways near Oak Ball Room

Causal Denoising Framework for Generalizable Recommendation System using Graph Neural Network [96B]

10:30 AM - 4:30 PM
Location: Hallways near Oak Ball Room

Single Free-hand Sketch Guided Free-Form Deformation for 3D Shape Generation [97A]

10:30 AM - 4:30 PM
Location: Hallways near Oak Ball Room

PartCLIP: How does CLIP assist mechanical part image retrieval? [97B]

10:30 AM - 4:30 PM
Location: Hallways near Oak Ball Room

Low-Complexity Video PSNR Measurement in Real-time Communication Products [98A]

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Location: Hallways near Oak Ball Room

Learning to Learn Multiview Detection by Camera-Aware Attention [98B]

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Location: Hallways near Oak Ball Room

An Intra- and Inter-frame Sequence Model with Discrete Cosine Transform for Streaming Speech Enhancement [99A]

10:30 AM - 4:30 PM
Location: Hallways near Oak Ball Room

Multimodal Guidance Network for Missing-Modality Inference in Content Moderation [99B]

10:30 AM - 4:30 PM
Location: Hallways near Oak Ball Room

CMSCL: Cross-Modal Spatial Contrastive Learning for 3D Medical Image Classification [100A]

10:30 AM - 4:30 PM
Location: Hallways near Oak Ball Room

Temporal Feature Aggregation for Efficient 2D Video Grounding [100B]

10:30 AM - 4:30 PM
Location: Hallways near Oak Ball Room

2:00 PM - 4:30 PM

ORAL: Deep Learning for Multimedia 3

Location: Salon A 3F

Exposing Lip-syncing Deepfakes from Mouth Inconsistencies

2:00 PM - 2:20 PM
Location: Salon A 3F

Vision Transformer based Random Walk for Group Re-Identification

2:20 PM - 2:40 PM
Location: Salon A 3F

UNSUPERVISED MULTI-MODAL MEDICAL IMAGE REGISTRATION VIA QUERY-SELECTED ATTENTION AND DECOUPLED CONTRASTIVE LEARNING

2:40 PM - 3:00 PM
Location: Salon A 3F

FUSION OF SHORT-TERM AND LONG-TERM ATTENTION FOR VIDEO MIRROR DETECTION

3:00 PM - 3:20 PM
Location: Salon A 3F

A Weakly Supervised and Globally Explainable Learning Framework for Brain Tumor Segmentation

3:40 PM - 4:00 PM
Location: Salon A 3F

Adaptive Feature Fusion Network for Infrared Small Target Detection

4:00 PM - 4:20 PM
Location: Salon A 3F

2:00 PM - 4:30 PM

ORAL: High Level Visual Information Understanding

Location: Hennepin Ballroom 1F

BezierFormer: A Unified Architecture for 2D and 3D Lane Detection

2:00 PM - 2:20 PM

Location: Hennepin Ballroom 1F

Intensity Confusion Matters: An Intensity-Distance Guided Loss for Bronchus Segmentation

2:20 PM - 2:40 PM

Location: Hennepin Ballroom 1F

MULTI-CANDIDATE MOTION MODELING FOR 3D HUMAN POSE AND SHAPE ESTIMATION FROM MONOCULAR VIDEO

2:40 PM - 3:00 PM

Location: Hennepin Ballroom 1F

From 3D to 4D: Fixing the Erroneous Coupling Between IoU and Angle for Optimizing 3D Object Detection

3:00 PM - 3:20 PM

Location: Hennepin Ballroom 1F

Spot the Difference! Temporal Coarse to Fine to Finer Difference Spotting for Action Recognition in Videos

3:40 PM - 4:00 PM

Location: Hennepin Ballroom 1F

Exploring Warping-Guided Features via Adaptive Latent Diffusion Model for Virtual Try-On

4:00 PM - 4:20 PM

Location: Hennepin Ballroom 1F

2:00 PM - 4:30 PM

ORAL: High Level Visual Information Understanding and Processing 2

Location: Peninsula 1F

Slow-Fast Adaptation for Source-Free Object Detection

2:00 PM - 2:20 PM

Location: Peninsula 1F

Multimodal Image-Text Representation Learning for Sketch-Less Facial Image Retrieval

2:20 PM - 2:40 PM

Location: Peninsula 1F

Joint Visual-Textual Reasoning and Visible-Infrared Modality Alignment for Person Re-Identification

2:40 PM - 3:00 PM

Location: Peninsula 1F

Learning Efficient Interaction Anchor for HOI Detection

3:00 PM - 3:20 PM

Location: Peninsula 1F

3D Point Cloud Pre-training with Knowledge Distilled from 2D Images

3:40 PM - 4:00 PM

Location: Peninsula 1F

2:00 PM - 4:30 PM

ORAL: Low Level Visual Information Processing 2

Location: Niagara 3F

UNPAIRED IMAGE DESPECKLING BASED ON ADVERSARIAL SPECKLE GENERATION

2:00 PM - 2:20 PM

Location: Niagara 3F

HURDNet: Heterogeneous UNet Structure With Range-Null Space Decomposition for Hyperspectral Image Reconstruction

2:20 PM - 2:40 PM

Location: Niagara 3F

Lightweight Video Denoising Using a Classic Bayesian Backbone

2:40 PM - 3:00 PM

Location: Niagara 3F

Improving Image Reconstruction and Synthesis by Balancing the Optimization from Frequency Perspective

3:00 PM - 3:20 PM

Location: Niagara 3F

2:00 PM - 4:30 PM

ORAL: Multimodal Data Understanding and Processing 3

Location: Ontario 3F

NeRVA: Joint Implicit Neural Representations for Videos and Audios

2:00 PM - 2:20 PM

Location: Ontario 3F

Common Sense Language-Guided Exploration and Hierarchical Dense Perception for Instruction Following Embodied Agents

2:20 PM - 2:40 PM

Location: Ontario 3F

GaitMA: Pose-guided Multi-modal Feature Fusion for Gait Recognition

2:40 PM - 3:00 PM

Location: Ontario 3F

AsCL: An Asymmetry-sensitive Contrastive Learning Method for Image-Text Retrieval with Cross-Modal Fusion

3:00 PM - 3:20 PM

Location: Ontario 3F

MISTA: A Large-Scale Dataset for Multi-Modal Instruction Tuning on Aerial Images

3:40 PM - 4:00 PM

Location: Ontario 3F

The Balanced Multi-Modal Spiking Neural Networks with Online Loss Adjustment and Time Alignment

4:00 PM - 4:20 PM

Location: Ontario 3F

3:20 PM - 3:40 PM

Coffee Break

Fri, Jul 19, 2024