

**Monday, 25th November 2024**

When?	Where?	What's on?	
08:00 to 09:00	M1 Foyer	Registration	
08:45 to 09:00	M1	Welcome	
09:00 to 10:00	M1	<b>Keynote:</b> Vision-based robotic perception: are we there yet? <b>Speaker:</b> Margarita Chli	
11:00 to 11:45	Hall 2	Poster Session 1	
11:45 to 13:00	M1	Oral Session 1 - Explainability in Vision	Session Chair: Paul Henderson
Paper ID	Title		Author(s)
11:45 12	CLIP Adaptation by Intra-Modal Overlap Reduction		Alexey Kravets, Vinay P Nambodiri
12:00 77	PT43D: A Probabilistic Transformer for Generating 3D Shapes from Single Highly-Ambiguous RGB Images		Angela Dai, Yiheng Xiong
12:15 304	Interpretable Representation Learning from Videos using Nonlinear Priors		Joao F. Henriques, Marian Longa
12:30 227	Cost-Sensitive Learning for Long-Tail Temporal Action Segmentation		Angela Yao, Fadime Sener, Shrinivas Ramasubramanian, Zhanzhong Pang
12:45 763	Horspherical Learning with Smart Prototypes		Bjorn Michele, Laetitia Chapel, Minh Tan Pham, Nicolas Courty, Paul Berg
13:00 to 14:00	Hall 2	Lunch	
14:00 to 15:45	Hall 2	Poster Session 2	

**15:45 to 17:00**
**M1**
**Oral Session 2 - Cyberphysical Vision**
**Session Chair:** Nicolas Pugeault

	Paper ID	Title	Author(s)
15:45	53	NCA-Morph: Medical Image Registration with Neural Cellular Automata	Amin Ranem, Anirban Mukhopadhyay, John Kalkhof
16:00	528	SOFI: Multi-Scale Deformable Transformer for Camera Calibration with Enhanced Line Queries	Marios Pattichis, Sebastian Janampa
16:15	663	Unsupervised Point Cloud Registration with Self-Distillation	Andre Wagner, Christian Lowens, Thorben Funke, Alexandru Paul Condurache
16:30	729	Reconstructing Spheres by Fitting Planes	Adrien Bartoli, Erol Ozgur, Mohammad Alkhatib, Youcef Mezouar
16:45	779	Outlier detection by ensembling uncertainty with negative objectness	Anja Delic, Matej Grcic, Sinisa Segvic

**17:00**
**End of the Day**
**19:00 to 21:00**
**Glasgow City Chambers**

Civic Reception hosted by the Lord Provost



**Tuesday, 26st November 2024**

When?		Where?	What's on?	
08:00 to 09:00		M1 Foyer	Registration	
09:00 to 10:00		M1	<b>Keynote:</b> Privacy Preservation and Bias Mitigation in Human Action Recognition	<b>Speaker:</b> Mubarak Shah
10:00 to 11:45		Hall 2	Poster Session 3	
11:45 to 13:00		M1	<b>Oral Session 3 - Real World Applications</b>	<b>Session Chair:</b> Carlos Moreno-Garcia
Paper ID		Title		Author(s)
11	11:45	584	ATLANTIS: A Framework for Automated Targeted Language-guided Augmentation Training for Robust Image Search	Alon Zolfi, Asaf Shabtai, Fumiyoshi Kasahara, Hisashi Kojima, Inderjeet Singh, Jonathan Brokman, Kentaro Tsuji, Omer Hofman, Roman Vainshtein, Tu Bui
12	12:00	670	Leveraging Inductive Bias in ViT for Medical Image Diagnosis	Euihyun-yoon, Jaekoo Lee, Jinkyu Kim, Jungmin Ha, Sungsik Kim
13	12:15	863	CLIP with Generative Latent Replay: a Strong Baseline for Incremental Learning	Angelo Porrello, Aniello Panariello, Emanuele Frasca, Lorenzo Bonicelli, Pietro Buzzega, Simone Calderara
14	12:30	1020	Recovering SLAM Tracking Lost by Trifocal Pose Estimation using GPU-HC++	Ahmad Abdelfattah, Benjamin Kimia, Chiang-Heng Chien
15	12:45	967	CVAM-Pose: Conditional Variational Autoencoder for Multi-Object Monocular Pose Estimation	Bogdan Matuszewski, Jianyu Zhao, Wei Quan
13:00 to 14:00		M1	Lunch	
14:00 to 14:30		M1	<b>Industrial Keynote - Technovative Solutions</b>	<b>Speaker:</b> Salauddin Sohag

14:30 to 15:45				M1	Industrial Session	Session Chair: Chaitanya Kaul
Paper ID		Title			Author(s)	
16	14:30	486	DAVINCI: A Single-Stage Architecture for Constrained CAD Sketch Inference			Ahmet Serdar Karadeniz, Anis Kacem, Dimitrios Stefanos Mallis, Djamila Aouada, Kseniya Cherenkova, Nesryne Mejri
17	14:45	787	MSA2Net: Multi-scale Adaptive Attention-guided Network for Medical Image Segmentation			Afshin Bozorgpour, Dorit Merhof, Ilker Hacihaliloglu, Moein Heidari, Reza Azad, Seyed Kamal Chaharsooghi, Sina Ghorbani Kolahi, Toktam Khatibi
18	15:00	188	A self-supervised and adversarial approach to hyperspectral demosaicking and RGB reconstruction in surgical imaging			Jonathan Shapey, Oscar MacCormac, Peichao Li, Tom Vercauteren
19	15:15	113	Text Removal In E-Commerce Images: A Comparison Of Inpainting Methods			Bjorn Stenger, Hiya Roy
20	15:30	328	DisCoM-KD: Cross-Modal Knowledge Distillation via Disentanglement Representation and Adversarial Learning			Cassio Fraga Dantas, Dino Ienco
15:45 to 17:30				Hall 2	Poster Session 4	
17:30				End of the Day		

**Wednesday, 27st November 2024**

	When?	Where?	What's on?	
	08:00 to 09:00	M1 Foyer	Registration	
	09:00 to 10:00	M1	<b>Keynote:</b> Frontiers of Video Understanding	<b>Speaker:</b> Laura Sevilla
	09:00 to 13:00	M2	<b>Doctoral Consortium</b>	
	09:00 to 18:00	M3	<b>Workshop:</b> Robust Recognition in the Open World	<a href="https://rrow2024.github.io">https://rrow2024.github.io</a>
	10:00 to 11:45	Hall 2	Poster Session 5	
	11:45 to 13:00	M1	<b>Oral Session 4 - Machine Vision in Challenging Scenarios</b>	<b>Session Chair:</b> Amey Pore
	Paper ID	Title		Author(s)
21	11:45 103	Prompting Diffusion Representations for Cross-Domain Semantic Segmentation		Han Sun, Julio Delgado Mangas, Luc Van Gool, Martin Danelljan, Nikolay Marin, Rui Gong
22	12:00 200	Towards Generative Class Prompt Learning for Fine-grained Visual Recognition		Emanuele Vivoli, Josep Lladós, Sanket Biswas, Soumitri Chattopadhyay
23	12:15 406	When Text and Images Don't Mix: Bias-Correcting Language-Image Similarity Scores for Anomaly Detection		Adam Goodge, Bryan Hooi, Wee Siong Ng
24	12:30 615	Measuring Physical Plausibility of 3D Human Poses Using Physics Simulation		Jason J Corso, Mahzad Khoshlessan, Nathan Louis
25	12:45 754	Revisiting Image Captioning Training Paradigm via Direct CLIP-based Optimization		Davide Caffagni, Lorenzo Baraldi, Marcella Cornia, Nicholas Moratelli, Rita Cucchiara
	13:00 to 14:00	Hall 2	Lunch	
	14:00 to 18:00	M2	<b>Workshop:</b> DIFA: Deep Learning-based Image Fusion and Its Applications	<a href="https://difa2024.github.io">https://difa2024.github.io</a>

**14:00 to 15:15**
**M1**
**Oral Session 5 - Image Quality Algorithms**
**Session Chair:** Jefersson A. dos Santos

		<b>Paper ID</b>	<b>Title</b>	<b>Author(s)</b>
26	14:00	14	Efficiency-preserving Scene-adaptive Object Detection	Vu Quang Truong, Zekun Zhang, Minh Hoai
27	14:15	114	Key-point Guided Deformable Image Manipulation Using Diffusion Model	Guil Jung, Hyeonmin Bae, Hyuksool Kwon, Myeong-Gee Kim, Seok-Hwan Oh, Young-Min Kim, hyeonjik lee, Sang-yun Kim
28	14:30	416	Taming the Tail: Leveraging Asymmetric Loss and Pad� Approximation to Overcome Long-Tailed Class Imbalance	Abhishek Tiwari, Kshitij Sharad Jadhav, Pankhi Kashyap, Pavni Tandon, Ritwik Kulkarni, Sunny Gupta
29	14:45	517	Interpretable Long-term Action Quality Assessment	Andrew Gilbert, Anthony Adeyemi-Ejeye, Wanqing Li, Xinran Liu, Xu Dong
30	15:00	545	Vision-Language Guidance for LiDAR-based Unsupervised 3D Object Detection	Christian Fruhwirth-Reisinger, Horst Bischof, Horst Possegger, Wei Lin, Dusan Malic

**15:15 to 17:00**
**Hall 2**
**Poster Session 6**
**18:00**
**End of the Day**
**19:00 to 00:00**
**Glasgow Science Centre** Conference Dinner

**Thursday, 28th November 2024**

When?	Where?	What's on?
08:00 to 09:00	M1 Foyer	Registration
09:00 to 10:00	M1	<b>Keynote:</b> The 3D Revolution: Neural Representations and Diffusion Models to Understand and Synthesise the 3D World <b>Speaker:</b> Federico Tombari
10:00 to 11:00	M1	<b>Town Hall</b> <b>Chair:</b> Neill Campbell
11:00 to 11:30	Hall 2	<b>WS Posters</b>
13:00 to 14:00	Hall 2	<b>Lunch</b>
14:00 to 17:00	Hall 2	<b>WS Posters</b>

## Workshops

When?	Where?	What's on?
09:00 to 13:00	M2	<b>Workshop:</b> Media authenticity in the age of artificial intelligence <a href="https://dbhowmik.github.io/MediaTrust/workshops/">https://dbhowmik.github.io/MediaTrust/workshops/</a>
09:00 to 13:00	M4	<b>Workshop:</b> Privacy, Fairness, Accountability and Transparency in Computer Vision <a href="https://sites.google.com/view/pfatcvbmv24/home">https://sites.google.com/view/pfatcvbmv24/home</a>
09:00 to 18:00	M3	<b>Workshop:</b> The 2nd Workshop in Video Understanding and its Applications <a href="https://vua-bmvc.github.io/2024/">https://vua-bmvc.github.io/2024/</a>
14:00 to 18:00	M4	<b>Workshop:</b> Workshop on Machine Vision for Earth Observation and Environment Monitoring <a href="https://mveo.github.io">https://mveo.github.io</a>
14:00 to 18:00	M1	<b>Workshop:</b> 1st Workshop on Advancing Non-invasive Human Motion Characterization in the Clinical Domain: Methods and Applications <a href="https://anima2024.sites.uu.nl/">https://anima2024.sites.uu.nl/</a>
14:00 to 18:00	M1	<b>Workshop:</b> Synthetic Realities and Biometric Security: Advances in Forensic Analysis and Threat Mitigation (SRBS) <a href="https://sites.google.com/view/srbs-bmvc2024">https://sites.google.com/view/srbs-bmvc2024</a>
18:00	End of the Day	



## Poster Session 1 - 25th November 2024

Paper ID	Title	Author(s)
12	CLIP Adaptation by Intra-Modal Overlap Reduction	Alexey Kravets, Vinay P Nambodiri
15	Sequential Amodal Segmentation via Cumulative Occlusion Learning	Jiayang Ao, Qihong Ke, Krista A. Ehinger
16	Region-based Entropy Separation for One-shot Test-Time Adaptation	Go Irie, Kodai Kawamura, Shunya Yamagami
18	MeTTA: Single-View to 3D Textured Mesh Reconstruction with Test-Time Adaptation	Hyowon Ha, Hyunwoo Ha, Jaeheung Surh, Kim Youwang, Kim Yu-Ji, Tae-Hyun Oh
19	Few-shot Multispectral Segmentation with Representations Generated by Reinforcement Learning	Dilith Jayakody, Thanuja Ambegoda
22	HDRSplat: Gaussian Splatting for High Dynamic Range 3D Scene Reconstruction from Raw Images	Aryan Garg, Kaushik Mitra, Shreyas Singh
25	AR-TTA: A Simple Method for Real-World Continual Test-Time Adaptation	Damian Sójka, Bartłomiej Twardowski, Tomasz Trzcinski, Sebastian Cygert
26	Improving Depth Gradient Continuity in Transformers: A Comparative Study on Monocular Depth Estimation with CNN	Jiawei Yao, Tong Wu, Xiaofeng Zhang
33	Self-Supervised Real-World Denoising by Jointly Learning Visible and Invisible Noise	Bolin Song, Changze Zhou, Shaoyu Wang, Yiyang Wang
38	Linear Calibration Approach to Knowledge-free Group Robust Classification	Go Irie, Ryota Ishizaki, Shunya Yamagami, Yuta Goto
41	Local Implicit Wavelet Transformer for Arbitrary-Scale Super-Resolution	Linhao Qu, Manning Wang, Minghong Duan, Shaolei Liu
43	Learning to Segment Publicly Accessible Green Spaces with Visual and Semantic Data	Jian Gao, Joanna Sara Valsen, Neil Anderson, Niall McLaughlin, Ruth Hunter
54	InterroGate: Learning to Share, Specialize, and Prune Representations for Multi-task Learning	Amelie Royer, Babak Ehteshami Bejnordi, Christos Louizos, Gaurav Kumar, Mohsen Ghafourian, Tijmen Blankevoort
64	Multi-Modal Information Bottleneck Attribution with Cross-Attention Guidance	Danilo Mandic, Emmanuelle Bourigault, Pauline Bourigault
66	Noise-Tolerant Few-Shot Unsupervised Adapter for Vision-Language Models	Eman Ali, Muhammad Haris Khan
77	PT43D: A Probabilistic Transformer for Generating 3D Shapes from Single Highly-Ambiguous RGB Images	Angela Dai, Yiheng Xiong
85	Textual Attention RPN for Open-Vocabulary Object Detection	Inug Yoon, Jong-Hwan Kim, Juyoun Park, Tae-Min Choi
101	Interactive Image Segmentation with Temporal Information Augmented	Hui Zhang, Jun-Hai Yong, Qiaoqiao Wei



142	Recovering Global Data Distribution Locally in Federated Learning	Ziyu Yao
150	AISE: Adaptive Input Sampling for Explanation of Black-box Models	Evgeny Tsykunov, Minje Park, Wonju Lee
152	Retinex-Inspired Cooperative Game Through Multi-Level Feature Fusion for Robust, Universal Image Restoration	Rongxin Cui, Ruiqi Mao
164	Synthetic-to-Real Domain Generalized Semantic Segmentation for 3D Indoor Point Clouds	Gim Hee Lee, Na Zhao, Yuyang Zhao
165	Learning Object Placement via Convolution Scoring Attention	Jianwei Zheng, Yibin Wang, Yuchao Feng
168	Topology-preserving Adversarial Training for Alleviating Natural Accuracy Degradation	Danding Wang, Fan Tang, Juan Cao, Peng Li, Sheng Tang, Xiaoyue Mi, Yang Liu, Yepeng Weng
203	S <sup>3</sup> -Match: Common-View Aligned Image Matching via Self-Supervised Keypoint Selection	DeZheng Gao, Jianru Xue, Jianwu Fang, Shizhen Li, Jingcheng Liu
207	Feature Splatting for Better Novel View Synthesis with Low Overlap	Javier Civera, Tomas Berriel Martins
210	BaseBoostDepth: Exploiting Larger Baselines For Self-supervised Monocular Depth Estimation	George Vogiatzis, Kieran Ryan Saunders, Luis J Manso
215	AttEntropy: On the Generalization Ability of Supervised Semantic Segmentation Transformers to New Objects in New Domains	Krzysztof Lis, Matthias Rottmann, Annika Mütze, Sina Honari, Pascal Fua, Mathieu Salzmann
217	GeoFormer: A Multi-Polygon Segmentation Transformer	Jes Frellsen, Maxim Khomiakov, Michael Riis Andersen
223	AUPIMO: Redefining Anomaly Localization Benchmarks with High Speed and Low Tolerance	João P. C. Bertoldo, Dick Ameln, Ashwin Vaidya, Samet Akcay
227	Cost-Sensitive Learning for Long-Tail Temporal Action Segmentation	Angela Yao, Fadime Sener, Shrinivas Ramasubramanian, Zhanzhong Pang
240	SAM Helps SSL: Mask-guided Attention Bias for Self-supervised Learning	Hironobu Fujiyoshi, Kensuke Taguchi, Takehiko Kawai, Wataru Imaeda
249	Transferable Learned Image Compression-Resistant Adversarial Perturbations	Ding Ding, Shan Liu, Xiang Pan, Xiaozhong Xu, Yang Sui, Zhenzhong Chen, Zhuohang Li
250	Deep Unfolding Network with Spatial-spectral Perception Enhanced for Pan-sharpening	Mengjiao Zhao, Mengting Ma, Siyang Song, Xiangdong Li, Ao Gao, Wei Zhang
256	IncreLM: Incremental 3D Line Mapping	Hainan Cui, Shuhan Shen, Xulong Bai
262	Toward Highly Efficient Semantic-Guided Machine Vision for Low-Light Object Detection	Junxian Zeng, Siping Wang, Xin Feng, Zhenwei He
267	Depth-Guided Privacy-Preserving Visual Localization Using 3D Sphere Clouds	Heejoon Moon, Jeonggon Kim, Jongwoo Lee, Je Hyeong Hong

290	Are Sparse Neural Networks Better Hard Sample Learners?	Boqian Wu, Christopher Neil Gadzinski, Decebal Constantin Mocanu, Lu Yin, Mykola Pechenizkiy, Qiao Xiao, Tianjin Huang
295	MxT: Mamba x Transformer for Image Inpainting	Amir Atapour-Abarghouei, Haozheng Zhang, Hubert P. H. Shum, Shuang Chen
297	Generalizing Teacher Networks for Effective Knowledge Distillation Across Student Architectures	Kuluhan Binici, Tulika Mitra, Weiming Wu
304	Interpretable Representation Learning from Videos using Nonlinear Priors	Joao F. Henriques, Marian Longa
557	Hybrid-CSR: Coupling Explicit and Implicit Reconstruction of Cortical Surface	Chenyu You, Deying Kong, Haoyu Ma, Kun Han, Pooya Khosravi, Xiangyi Yan, Xiaohui Xie, shanlin sun, Tung Le
763	Horspherical Learning with Smart Prototypes	Paul Berg, Björn Michele, Minh Tan Pham, Laetitia Chapel, Nicolas Courty

## Poster Session 2 - 25th November 2024

Paper ID	Title	Author(s)
37	DRAFT: Direct Radiance Fields Editing with Composable Operations	Dapeng Cao, Feng Chen, Kaisheng Ma, Zhihan Cai, Kailu Wu
39	HFGS: 4D Gaussian Splatting with Emphasis on Spatial and Temporal High-Frequency Components for Endoscopic Scene Reconstruction	Haoyu Zhao, Lingting Zhu, Weixi Zheng, Xingyue Zhao, Yongchao Xu
45	D <sup>3</sup> Nav: Data-Driven Driving Agents for Autonomous Vehicles in Unstructured Traffic	Gowri Srinivasa, Aditya Nalgunda Ganesh
46	FFR-UNet: Feature Filter-Refinement UNet for Medical Image Segmentation	Weixin Xu
60	Advancing Medical Image Segmentation: Morphology-Driven Learning with Diffusion Transformer	Jaeha Song, Jihie Kim, Sungmin Kang
100	Painterly Image Harmonization via Bi-Transformation with Dynamic Kernels	Hui Zhang, Zhangliang Sun
166	Syn-to-Real Unsupervised Domain Adaptation for Indoor 3D Object Detection	Gim Hee Lee, Na Zhao, Yunsong Wang
183	Hierarchical Prompt Learning for Scene Graph Generation	Ruiping Wang, Xuhan Zhu, Yaowei Wang, Yifei Xing, Xiangyuan Lan
185	Motion Avatar: Generate Human and Animal Avatars with Arbitrary Motion	Biao Wu, Ling Chen, Meng Fang, SHIYA HUANG, Shuo Chen, Yiran Wang, Zeyu Zhang, Zhiyuan Zhang, Wenbo Zhang, Yang Zhao
199	A Revisit to the Decoder for Camouflaged Object Detection	Hyung-Sin Kim, Joonseok Lee, Joopyo Hong, Nojun Kwak, Seung Woo Ko, Seungjai Bang, Sungzoon Cho, Suyoung Kim
263	Improving Object Detection via Local-global Image-translation	Ales Leonardis, Danai Triantafyllidou, Sarah Parisot, Steven McDonagh
319	Annotation by Clicks: A Point-Supervised Contrastive Variance Method for Medical Semantic Segmentation	Qing En, Yuhong Guo
342	Unsupervised Domain Adaptation for Tubular Structure Segmentation Across Different Anatomical Sources	Dongnan Liu, Weidong Cai, Yuxiang An
365	Cascade Masked Generative Distillation for Dense Prediction Tasks	Wentao Zhang, Xie Yu
392	Label Smoothing++: Enhanced Label Regularization for Training Neural Networks	Baoxin Li, Hemanth Venkateswara, Sachin Chhabra
401	Decoupling Forgery Semantics for Generalizable Deepfake Detection	Feng Ding, Wei Ye, Xinan He
417	Kernel Representation for Dynamic Networks	Teck Khim Ng, Yichen Zhou
424	RETRO: Reusing teacher projection head for efficient embedding distillation on Lightweight Models via Self-supervised Learning	Chae Jung Park, Khanh-Binh Nguyen



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472	SAM-EG: Segment Anything Model with Egde Guidance framework for efficient Polyp Segmentation	Debesh Jha, Hai-Dang Nguyen, Nguyen Ngoc Bao Tram, Quoc-Huy Trinh, Ulas Bagci, Minh-Triet Tran
480	Disparity Estimation Using a Quad-pixel Sensor	Doehyung Lee, Kazunori Yoshizaki, Masatoshi Okutomi, Yusuke Monno, Zhuofeng Wu, Zihua Liu
500	Future Does Matter: Boosting 3D Object Detection with Temporal Motion Estimation in Point Cloud Sequences	Cong Nie, Heng Wang, Rui Yu, Runkai Zhao, HuaiCheng Yan, Meng Wang
533	TraIL-Det: Transformation-Invariant Local Feature Networks for 3D LiDAR Object Detection with Unsupervised Pre-Training	Hubert P. H. Shum, Li Li, Tanqiu Qiao, Toby P. Breckon
601	Training-Free Zero-Shot Semantic Segmentation with LLM Refinement	Kazuhiro Fukui, Satoshi Iizuka, Yuantian Huang
622	The Attempt on Combining Three Talents by KD with Enhanced Boundary in Co-salient Object Detection	Shengye Yan, Wei Zheng, Ziyi Cao
630	CPDR: Towards Highly-Efficient Salient Object Detection via Crossed Post-decoder Refinement	Aggelos Katsaggelos, Hewei Wang, Yijie Li
637	3D Point Cloud Network Pruning: When Some Weights Do not Matter	Ali Cheraghian, Amrijit Biswas, Fuad Rahman, M M Lutfe Elahi, Md. Ismail Hossain, Nabeel Mohammed, Shafin Rahman
642	Revitalizing Legacy Video Content: Deinterlacing with Bidirectional Information Propagation	Christopher Schroers, Mingyang Song, Yang Zhang, Zhaowei Gao
648	3D Blur Kernel on Gaussian Splatting	Xiangdong Su, Yongchao Lin, Yuhua Yang
667	ICAF-4: An Integrated Framework of Category-level Articulated Object Perception and Manipulation for Embodied Intelligence	Li Zhang, Lin Yuanbo Wu, Liu Liu, Qi Wu, Qiankun Li, WenBo Xu
685	Boundary Contrastive Learning for Label-Efficient Medical Image Segmentation	Kazuhiro Hotta, Kota Yamashita, Satoshi Kamiya
697	Inverse Rendering of Outdoor Scenes with under Time-variant Illumination	Guyue Zhou, Hao Zhao, Xiaoxue Chen, Ya-Qin Zhang
737	Pseudo Labelling for Enhanced Masked Auto Encoders	Josef Kittler, Srinivasa Rao Nandam, Zhenhua Feng, Muhammad Awais, Sara Atito
762	Open-World Semi-Supervised Learning under Compound Distribution Shifts	Chen Gong, Guangyu Li, Jialiang Tang, Lin Zhao, Shijia Xu
797	Calibration of 2D LiDAR sensors using cylindrical target	Tamás Tófalvi, Bandó Kovács, Levente Hajder
854	CSAD: Unsupervised Component Segmentation for Logical Anomaly Detection	Shang-Hong Lai, Yu-Hsuan Hsieh
895	Self-Evolving Depth-Supervised 3D Gaussian Splatting from Rendered Stereo Pairs	Fatma Guney, Matteo Poggi, Sadra Safadoust, Fabio Tosi
897	TopK Dice Loss for Medical Image Segmentation	Seyed mohsen hosseini



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53	NCA-Morph: Medical Image Registration with Neural Cellular Automata	Amin Ranem, Anirban Mukhopadhyay, John Kalkhof
528	SOFI: Multi-Scale Deformable Transformer for Camera Calibration with Enhanced Line Queries	Marios Pattichis, Sebastian Janampa
663	Unsupervised Point Cloud Registration with Self-Distillation	Christian Löwens, Thorben Funke, André Wagner, Alexandru Paul Condurache
729	Reconstructing Spheres by Fitting Planes	Adrien Bartoli, Erol Ozgur, Mohammad Alkhatib, Youcef Mezouar
779	Outlier detection by ensembling uncertainty with negative objectness	Anja Delić, Matej Grcic, Siniša Šegvić

## Poster Session 3 - 26th November 2024

Paper ID	Title	Author(s)
9	Federated Learning for Face Recognition via Intra-subject Self-supervised Learning	Hansol Kim, Hoyeol choi, Youngjun Kwak
42	Spatial-Temporal NAS for Fast Surgical Segmentation	Danail Stoyanov, Felix John Samuel Bragman, Imanol Luengo, Matthew Lee, Ricardo Sanchez-Matilla
76	SagaGAN: Style Applied using Gram matrix Attribution based on StarGAN v2	Jong-Min Lee, Seonggyu Kim, Yongseon Yoo
136	PhysFlow: Skin tone transfer for remote heart rate estimation through conditional normalizing flows	Joaquim Comas Martínez, Antonia Alomar, Adria Ruiz, Federico Sukno
145	Privacy-preserving datasets by capturing feature distributions with Conditional VAEs	Christian Ledig, David Tafler, Francesco Di Salvo, Sebastian Doerrich
201	Infrared and Visible Image Fusion Using Multi-level Adaptive Fractional Differential	Kang Zhang, Xinnian Guo
205	From Black-box to Label-only: a Plug-and-Play Attack Network for Model Inversion	Hanting Hou, Huan Bao, Jinpeng Chen, Kaimin Wei, Yao Chen, Yongdong WU
287	A Super-pixel-based Approach to the Stable Interpretation of Neural Networks	Farzan Farnia, Jingwei Zhang, Qi Dou, Shizhan Gong
330	Towards Better Zero-Shot Anomaly Detection under Distribution Shift with CLIP	Chengxin He, Jie Zuo, Jiyao Gao, Lei Duan
339	FastForensics: Efficient Two-Stream Design for Real-Time Image Manipulation Detection	Ao Luo, Jiaran Zhou, Junyu Dong, Yuezun Li, zhangyangxiang
346	Backdoor Defense through Self-Supervised and Generative Learning	Ivan Sabolic, Ivan Grubišić, Siniša Šegvić
375	A Novel Divide and Merge Approach for Improved Classification of Functional Data	Chengdong shi, Ching-Hsun Tseng, Xiao-Jun Zeng, Yue Chang, wei zhao
420	Layout Free Scene Graph to Image Generation	A. Subramanyam, RAMESHWAR MISHRA
427	Lightweight Human Pose Estimation with Enhanced Knowledge Review	Hao Xu, Shengye Yan, Wei Zheng
440	Explaining Multi-modal Large Language Models by Analyzing their Vision Perception	Giacomo Boracchi, Loris Giulivi
457	LLM-guided Instance-level Image Manipulation with Diffusion U-Net Cross-Attention Maps	Adil Khan, Andrey Palaev, Syed M Ahsan Kazmi
492	Multimodal base distributions in conditional flow matching generative models	Shane Josias, Willie Brink
508	Semantic Image Synthesis of Anime Characters Based on Conditional Generative Adversarial Networks	Jing Wen, Xuhui Zhu, feng jiang, qiang gao, yi wang

510	ML-2SN: A Hybrid Two-Stream System for Sitting Posture Detection	Cheng Cheng, Gaorui Zhang, Guangwei Huang, Kehang Jia, Penghuan Wang, Yixuan Yang
532	Input-dependent Input-Prompts for Adapting Frozen Vision Transformers	Jochem Loedeman, Maarten C. Stol, Tengda Han, Yuki M Asano
595	A Prototype Unit for Image De-raining using Time-Lapse Data	Jaehoon Cho, Jini Yang, Minjung Yoo, Sunok Kim
606	VEMIC: View-aware Entropy model for Multi-view Image Compression	Amitabh Varshney, Christopher Metzler, Davit Soselia, Max Ehrlich, Susmija Jabbireddy
609	Guidance-base Diffusion Models for Improving Photoacoustic Image Quality	Mihoko Shimano, Ryoma Bise, Shumpei Takezaki, Takayuki Yagi, Tatsuhiro Eguchi
686	TransHuPR: Cross-View Fusion Transformer for Human Pose Estimation Using mmWave Radar	Ching-Wen Ma, Jenq-Neng Hwang, Niraj Prakash Kini, Ruey-Horng Shiue, Wen-Hsiao Peng, ryan chandra
692	Spatio-Temporal Transformer with Rotary Position Embedding and Bone Priors for 3D Human Pose Estimation	Cheng Chen, Fang Duan, Liaoyuan Zeng, Sean McGrath, Tian Dan, Jiang Liu
707	UKD: Unsupervised Knowledge Distillation for Face Recognition	Fadi Boutros, Jan Niklas Kolf, Naser Damer
736	Rectifying Shortcut Learning through Cellular Differentiation in Deep Learning Neurons	Bin Li, Feng Zhao, Guoping Wu, Hanting Li, Hongjing Niu
738	CosFairNet:A Parameter-Space based Approach for Bias Free Learning	Priyadarshini Kumari, Rajeev Ranjan Dwivedi, Vinod K. Kurmi
740	Frequency Decomposition to Tap the Potential of Single Domain for Generalization	Bin Li, Feng Zhao, Hongjing Niu, Pengfei Xia, Qingyue Yang, Wei Zhang
745	Task-Related Feature Enhancement Network for Neuronal Morphology Classification	Chunli Sun, Feng Zhao
769	Flexible Graph Convolutional Network for 3D Human Pose Estimation	Abdessamad Ben Hamza, Abu Taib Mohammed Shahjahan
828	Multi-Scale Semantic Enrichment and Dual Angular Margin Contrast for Few-Shot Class Incremental Learning	Riya Verma, Sukhendu Das
833	Anomaly Detection Based on Semi-Formula Driven Pre-training Dataset to Represent Subtle Difference and Anomaly Score	Hiroki Kobayashi, Manabu Hashimoto, Naoki Murakami, Naoto Hiramatsu, Takahiro Suzuki
853	Budget-aware Dynamic Spatially Adaptive Inference	Christos-Savvas Bouganis, Dimitris Tzovaras, Georgios Zampokas
857	Enhancing Radiology Report Generation: The Impact of Locally Grounded Vision and Language Training	Josef Kittler, Sergio Sanchez Santiesteban, Yi-Zhe Song, Muhammad Awais
865	APTPose: Anatomy-aware Pre-Training for 3D Human Pose Estimation	Cheng-Yen Yang, Jenq-Neng Hwang, Kai-Wen Duan, Kevin Lin, Lijuan Wang, Qing-Wen Yang, Shang-Hong Lai, Ting-Yi Lu
866	A Deep Belief Network Approach to Scalable Compression of Light Field Data for Auto-Stereoscopic Displays	Mansi Sharma, Sally Khaidem

902	Knowledge Distillation with Global Filters for Efficient Human Pose Estimation	Fani Deligianni, Kaushik Bhargav Sivangi
922	UnSeGArmaNet: Unsupervised Image Segmentation using Graph Neural Networks with Convolutional ARMA Filters	Kovvuri Sai Gopal Reddy, Nitin Kumar, Saran Bodduluri, Saurabh Shigwan, Snehasis Mukherjee, A. Mudit Adityaja
584	ATLANTIS: A Framework for Automated Targeted Language-guided Augmentation Training for Robust Image Search	Alon Zolfi, Asaf Shabtai, Fumiyoshi Kasahara, Hisashi Kojima, Inderjeet Singh, Jonathan Brokman, Kentaro Tsuji, Omer Hofman, Roman Vainshtein, Tu Bui
670	Leveraging Inductive Bias in ViT for Medical Image Diagnosis	Euihyun-yoon, Jaekoo Lee, Jinkyu Kim, Jungmin Ha, Sungsik Kim
863	CLIP with Generative Latent Replay: a Strong Baseline for Incremental Learning	Angelo Porrello, Aniello Panariello, Emanuele Frascaoli, Lorenzo Bonicelli, Pietro Buzzega, Simone Calderara
913	Examining the Threat Landscape: Foundation Models and Model Theft	Ankita Raj, Chetan Arora, Deepankar Varma
967	CVAM-Pose: Conditional Variational Autoencoder for Multi-Object Monocular Pose Estimation	Bogdan Matuszewski, Jianyu Zhao, Wei Quan



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## Poster Session 4 - 26th November 2024

Paper ID	Title	Author(s)
328	DisCoM-KD: Cross-Modal Knowledge Distillation via Disentanglement Representation and Adversarial Learning	Cassio Fraga Dantas, Dino Ienco
133	MonoGS++: Fast and Accurate Monocular RGB Gaussian SLAM	Emad Barsoum, Lu Tian, Ren-Wu Li, Wenjing Ke, Dong Li
787	MSA <sup>2</sup> Net: Multi-scale Adaptive Attention-guided Network for Medical Image Segmentation	Afshin Bozorgpour, Dorit Merhof, Ilker Hacihaliloglu, Moein Heidari, Reza Azad, Seyed Kamal Chaharsooghi, Sina Ghorbani Kolahi, Toktam Khatibi
188	A self-supervised and adversarial approach to hyperspectral demosaicking and RGB reconstruction in surgical imaging	Jonathan Shapey, Oscar MacCormac, Peichao Li, Tom Vercauteren
113	Text Removal In E-Commerce Images: A Comparison Of Inpainting Methods	Bjorn Stenger, Hiya Roy
486	DAVINCI: A Single-Stage Architecture for Constrained CAD Sketch Inference	Ahmet Serdar Karadeniz, Anis Kacem, Dimitrios Stefanos Mallis, Djamila Aouada, Kseniya Cherenkova, Nesryne Mejri
568	Beyond Static and Dynamic Quantization - Hybrid Quantization of Vision Transformers	Cristiano Malossi, Enrique S. Quintana-Orti, Florian Scheidegger, Piotr Kluska
597	FADE: Few-shot/zero-shot Anomaly Detection Engine using Large Vision-Language Model	Elizaveta Ivanova, Martins Bruveris, Yuanwei Li
299	RT-GS2: Real-Time Generalizable Semantic Segmentation for 3D Gaussian Representations of Radiance Fields	Adrian Munteanu, Ion Giosan, Mihnea-Bogdan Jurca, Remco Royen
303	MixMask: Revisiting Masking Strategy for Siamese ConvNets	Eric Xing, Kirill Vishniakov, Zhiqiang Shen
305	PEEKABOO: Hiding Parts of an Image for Unsupervised Object Localization	Abdessamad Ben Hamza, Hasib Zunair
317	EIANet: A Novel Domain Adaptation Approach to Maximize Class Distinction with Neural Collapse Principles	Xiaohan Yu, Yongsheng Gao, Zicheng Pan
358	Trimming the Fat: Efficient Compression of 3D Gaussian Splats through Pruning	Enzo Tartaglione, Maryam Qamar, Muhammad Salman Ali, Sung-Ho Bae
361	Seg-HGNN: Unsupervised and Light-Weight Image Segmentation with Hyperbolic Graph Neural Networks	Chandan Kumar Pandey, Debjyoti Mondal, Rahul Mishra
374	Text-Guided Mixup Towards Long-Tailed Image Categorization	Deyang Zhong, Jiawei Yao, Juhua Hu, Qi Qian, Richard Franklin
391	PatchRot: Self-Supervised Training of Vision Transformers by Rotation Prediction	Baoxin Li, Hemanth Venkateswara, Sachin Chhabra
425	GLCM-Adapter: Global-Local Content Matching for Few-shot CLIP Adaptation	Jinda Lu, Jinghan Li, Shuo Wang, Xieenlong, Yanbin Hao
437	DiffIare: Removing Image Lens Flare with Latent Diffusion Models	Qihao Duan, Tianwen Zhou, Zitong YU

452	Drone-assisted Road Gaussian Splatting with Cross-view Uncertainty	Baijun Ye, Cheng Peng, Hao Zhao, Xiaoxue Chen, Yongliang Shi, Zongzheng Zhang, Saining Zhang, Yuantao Chen
572	Multi-Scope Representation Learning for Causal Relation Discovery with new Challenging Datasets	Hanchen Xie, Jiageng Zhu, Jianhua Wu, Jiazhi Li, Mahyar Khayatkhoei, Mohamed E. Hussein, Wael AbdAlmageed
577	AtomGS: Atomizing Gaussian Splatting for High-Fidelity Radiance Field	Andrew Feng, Meida Chen, Rong Liu, Rui Xu, Yue Hu
650	Drawing Insights: Sequential Representation Learning in Comics	Nanne Van Noord, Neil Cohn, Sam Titarsolej
775	SAE: Single Architecture Ensemble Neural Networks	Hongxiang Fan, Martin Ferienc, Miguel R. D. Rodrigues
859	Extract More from Less: Efficient Fine-Grained Visual Recognition in Low-Data Regimes	Abduragim Shtanchaev, Dmitry Demidov, Mihail Minkov Mihaylov, Mohammad Almansoori
878	Learning conditionally untangled latent spaces using Fixed Point Iteration	Hichem Sahbi, Victor Enescu
945	Gaussian Splatting in Mirrors: Reflection-aware Rendering via Virtual Camera Optimization	Juho Kannala, Junyuan Fang, Matias Turkulainen, Shuzhe Wang, Zihan Wang
949	On Partial Prototype Collapse in the DINO Family of Self-Supervised Methods	Hariprasath Govindarajan, Per Sidén, Jacob Roll, Fredrik Lindsten
212	InPer: Whole-Process Domain Generalization via Intervention and Perturbation	Chaoqi Chen, Luyao Tang, Xinghao Ding, Yue Huang, Yuxuan Yuan
933	SceneSAM: Integrating 2D Labels for Weakly Supervised 3D Scene Understanding	David Rozenberszki, Dogu Tamgac, Julius Koerner
936	PV-SLAM: Panoptic Visual SLAM with Loop Closure and Online Bundle Adjustment	Arijit Sur, Ashok Bandyopadhyay, Pranjal Baranwal, Rajeev UP
957	Putting the Segment Anything Model to the Test with 3D Knee MRI - A Comparison with State-of-the-Art Performance	Nishant Ravikumar, Oliver Mills, Philip G Conaghan, Samuel D Relton
998	MV-Match: Multi-View Matching for Domain-Adaptive Identification of Plant Nutrient Deficiencies	Gabriel Schaaf, Jinhui Yi, Juergen Gall, Marion Deichmann, Yanan Luo
929	TrakAthlete4D: Multi-View On-Field Player Position Tracking in Sports	Nitish Agarwal, Steven Cadavid
932	Spatiotemporal Vision Transformer for Weakly Supervised Dense Prediction of Dynamic Brain Maps	Armin Iraj, Behnam Kazemivash, Sergey Plis, Vince Calhoun
939	Deep Learning for GPS-Denied SAR Image Focusing and Vehicle Trajectory Estimation	Andrew R. Willis, Christopher Beam, Kevin M Brink
947	Layer-wise Learning of CNNs by Self-tuning Learning Rate and Early Stopping at Each Layer	Ahmad Kalhor, Ali Karimi, Babak N Araabi, Melika Sadeghi Tabrizi, Mona Ahmadian
954	Beyond Face Matching: A Facial Traits based Privacy Score for Synthetic Face Datasets	Andrew Elliott, Dr Gregory Epiphaniou, Praveen Selvaraj, Roberto Leyva, carsten maple

986	Adaptive Weighted Co-Learning for Cross-Domain Few-Shot Learning	Abdullah Alchihabi, Marzi Heidari, Yuhong Guo
991	iHAST: Integrating Hybrid Attention for Super-Resolution in Spatial Transcriptomics	Jing Zhang, Siwei Xu, Yi Dai, Ziheng Duan, Xi Li
1020	Recovering SLAM Tracking Lost by Trifocal Pose Estimation using GPU-HC++	Ahmad Abdelfattah, Benjamin Kimia, Chiang-Heng Chien
927	GazeHELL: Gaze Estimation with Hybrid Encoders and Localised Losses with weighing	Shuaib Ahmed, Shubham Dokania, Vasudev Singh
977	Improving Multimodal Learning with Multi-Loss Gradient Modulation	Christos Chatzichristos, Konstantinos Kontras, Maarten De Vos, Matthew B. Blaschko
987	Guided Attention for Interpretable Motion Captioning	Andon Tchechmedjiev, Julien Lagarde, KARIM RADOUANE, Sylvie RANWEZ
213	Enabling Local Editing in Diffusion Models by Joint and Individual Component Analysis	Emmanouil Plitsis, Mihalis Nicolaou, Theodoros Kouzelis, Yannis Panagakis
959	SR+Codec: a Benchmark of Super-Resolution for Video Compression Bitrate Reduction	Dmitriy S. Vatolin, Evgeney Bogatyrev, Ivan Molodetskikh
1013	Open-Vocabulary Temporal Action Localization using Multimodal Guidance	Aditya Arora, Akshita Gupta, Fahad Shahbaz Khan, Salman Khan, Sanath Narayan, Graham W. Taylor

## Poster Session 5 - 27th November 2024

Paper ID	Title	Author(s)
28	SciPostLayout: A Dataset for Layout Analysis and Layout Generation of Scientific Posters	Hao Wang, Shohei Tanaka, Yoshitaka Ushiku
31	COSMo: CLIP Talks on Open-Set Multi-Target Domain Adaptation	Ankit Jha, Biplab Banerjee, Jocelyn Chaussonot, Mainak Singha, Munish Monga, Sachin Kumar Giroh
32	Can CLIP help CLIP in learning 3D?	Cristian Sbrolli, Matteo Matteucci
70	Advancing Anomaly Detection: The IDW dataset and MC algorithm	Jonathan James Morrison, Phillip Tregidgo, Alexander D. J. Taylor, Neill D. F. Campbell
104	MMPrune4U: Regularizing Multimodal Feature Distortion in Weight Pruning for Deep Neural Network Compression	Arindam Das, Kaixin Xu, Nushrat Hussain, Sudip Das, Ujjwal Bhattacharya, Weisi Lin, Ziyuan Zhao
111	Projected Stochastic Gradient Descent with Quantum Annealed Binary Gradients	Frances Fengyi Yang, Juho Kannala, Maximilian Krahn, Michele Sasdelli, Tolga Birdal, Vladislav Golyanik, Tat-Jun Chin
115	Multi-modal Crowd Counting via Modal Emulation	Chenhao Wang, Xiaopeng Fan, Xiaopeng Hong, Yabin Wang, Yupeng Wei, Zhiheng Ma
135	Acoustic-based 3D human pose estimation robust to human position	Akisato Kimura, Go Irie, Mariko Isogawa, Yoshimitsu Aoki, Yusuke Oumi, Yuto Shibata
137	InSpaceType: Dataset and Benchmark for Reconsidering Cross-Space Type Performance in Indoor Monocular Depth	Chin-Cheng Hsu, Cho-Ying Wu, Jing-Wen Chen, Quankai Gao, Te-Lin Wu, Ulrich Neumann
216	Erasing Concepts from Text-to-Image Diffusion Models with Few-shot Unlearning	Masane Fuchi, Tomohiro Takagi
218	RISSOLE: Parameter-efficient Diffusion Models via Block-wise Generation and Retrieval-Guidance	Avideep Mukherjee, Piyush Rai, Soumya Banerjee, Vinay P Namboodiri
228	Learning Scene-Goal-Aware Motion Representation for Trajectory Prediction	Haowen Tang, Huan Li, Jin Yang, Ping Wei, Ziyang Ren
257	Motion Tracking with Rotated Bounding Boxes on Overhead Fisheye Imagery	Jordan Lam
308	Effective Message Hiding with Order-Preserving Mechanisms	Gao Yu, Xuchong QIU, Zihan Ye
329	Uni-Mlip: Unified Self-Supervision for Medical Vision Language Pre-training	Kebin Wu, Wenbin Li, Ameera Ali Bawazir
362	Into the Fog: Evaluating Robustness of Multiple Object Tracking	Horst Bischof, Horst Possegger, Muhammad Jehanzeb Mirza, Nadezda Kirillova
369	Benchmarking and Optimizing Federated Learning with Hardware-related Metrics	Kai Pan, Yapeng Tian, Yiming Gan, Yinhe Han
432	Channel-Partitioned Windowed Attention And Frequency Learning for Single Image Super-Resolution	Dao Duy Hung, Dinh Phu Tran, Daeyoung Kim

482	Unsupervised Hashing Network with Hyper Quantization Tree	Jongbin Ryu, Sungeun Kim
534	Enhancing Cardiovascular Disease Prediction through Multi-Modal Self-Supervised Learning	Francesco Girlanda, Neda Davoudi, Olga V. Demler, bjoern menze
546	Balancing Calibration and Performance: Stochastic Depth in Segmentation BNNs	Andromachi Maria Delfaki, Brooks Paige, Denis Hadjvelichkov, Dimitrios Kanoulas, Linghong Yao, Yuanchang Liu
563	As Firm As Their Foundations: Creating Transferable Adversarial Examples Across Downstream Tasks with CLIP	Anjun Hu, Francesco Pinto, Jindong Gu, Konstantinos Kamnitsas, Philip Torr
566	SuperLoRA: Parameter-Efficient Unified Adaptation of Large Foundation Models	Guanghui Wang, Jing Liu, Matthew Brand, Toshiaki Koike-Akino, Xiangyu Chen, Ye Wang, Pu Perry Wang
579	Neural Collapse Inspired Contrastive Continual Learning	Antoine Montmaur, Ngoc-Son Vu, Nicolas Larue
611	STPose: 6D object pose estimation network based on sparse attention and cross-layer connection	Dongxu Gao, Keduo Yan, Shihao Chen, Xiaobing Li, Yong Li
619	Prompt-guided Multi-modal contrastive learning for Cross-compression-rate Deepfake Detection	Chia-Wen Lin, Chih-Chung Hsu, Ching-Yi Lai, Chiou-ting Hsu
627	GLPI: A Global Layered Prompt Integration approach for Explicit Visual Prompt	Bin Fu, Chengming Liu, Lei Shi, Yufei Gao, yucheng shi
659	GN-FR: Generalizable Neural Radinace Fields for Flare Removal	Gopi Raju Matta, Kaushik Mitra, RONGALI SIMHACHALA VENKATA GIRISH, Sumit Sharma, Rahul Siddartha
678	Content and Style Aware Audio-Driven Facial Animation	Gaurav Bharaj, Hyeongwoo Kim, QINGJU LIU
680	May the Forgetting Be with You: Alternate Replay for Learning with Noisy Labels	Angelo Porrello, Jacopo Credi, Lorenzo Bonicelli, Monica Millunzi, Petter N. Kolm, Simone Calderara
681	On Evaluating Adversarial Robustness of Volumetric Medical Segmentation Models	Asif Hanif, Fahad Shahbaz Khan, Hashmat Shadab Malik, Mohammad Yaqub, Muzammal Naseer, Numan Saeed, Salman Khan
689	AggSS: An Aggregated Self-Supervised Approach for Class Incremental Learning	Jayateja Kalla, Soma Biswas
695	Detecting Audio-Visual Deepfakes with Fine-Grained Inconsistencies	Djamila Aouada, Enjie Ghorbel, Marcella Astrid
721	Sign Stitching: A Novel Approach to Sign Language Production	Ben Saunders, Harry Walsh, Richard Bowden
731	AutoDOM: Automated Dimension Overlay for Enhanced Measurement-Guidance	Aniket Joshi, Promod Yenigalla, Pushpendu Ghosh, Soumyajit Chowdhury
753	Box for Mask and Mask for Box: weak losses for multi-task partially supervised learning	Hoàng-Ân Lê, Paul Berg, Minh Tan Pham
882	A Multimodal Network on Handwritten Chinese Character Error Correction	Chuang Zhang, Haizhao Sun, Ming Wu, Yu Ning, jixv



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885	Efficient Data Source Relevance Quantification for Multi-Source Neural Networks	Jakob Gawlikowski, Nina Maria Gottschling
887	Blocks as Probes: Dissecting Categorization Ability of Large Multimodal Models	Bin Fu, Jialin Li, Qiyang Wan, Ruiping Wang, Xilin Chen
103	Prompting Diffusion Representations for Cross-Domain Semantic Segmentation	Han Sun, Julio Delgado Mangas, Luc Van Gool, Martin Danelljan, Nikolay Marin, Rui Gong
200	Towards Generative Class Prompt Learning for Fine-grained Visual Recognition	Emanuele Vivoli, Josep Lladós, Sanket Biswas, Soumitri Chattopadhyay
406	When Text and Images Don't Mix: Bias-Correcting Language-Image Similarity Scores for Anomaly Detection	Adam Goodge, Bryan Hooi, Wee Siong Ng
615	Measuring Physical Plausibility of 3D Human Poses Using Physics Simulation	Jason J Corso, Mahzad Khoshlessan, Nathan Louis
754	Revisiting Image Captioning Training Paradigm via Direct CLIP-based Optimization	Davide Caffagni, Lorenzo Baraldi, Marcella Cornia, Nicholas Moratelli, Rita Cucchiara

## Poster Session 6 - 27th November 2024

Paper ID	Title	Author(s)
14	Efficiency-preserving Scene-adaptive Object Detection	Vu Quang Truong, Zekun Zhang, Minh Hoai
114	Key-point Guided Deformable Image Manipulation Using Diffusion Model	Guil Jung, Hyeonmin Bae, Hyuksoo Kwon, Myeong-Gee Kim, Seok-Hwan Oh, Young-Min Kim, hyeonjik lee, Sang-yun Kim
416	Taming the Tail: Leveraging Asymmetric Loss and Pad� Approximation to Overcome Long-Tailed Class Imbalance	Abhishek Tiwari, Kshitij Sharad Jadhav, Pankhi Kashyap, Pavni Tandon, Ritwik Kulkarni, Sunny Gupta
517	Interpretable Long-term Action Quality Assessment	Andrew Gilbert, Anthony Adeyemi-Ejeye, Wanqing Li, Xinran Liu, Xu Dong
545	Vision-Language Guidance for LiDAR-based Unsupervised 3D Object Detection	Christian Fruhwirth-Reisinger, Wei Lin, Du�an Mali�, Horst Bischof, Horst Possegger
23	Alignment-aware Patch-level Routing for Dynamic Video Frame Interpolation	Ban Chen, Cheul-hee Hahm, Ilhyun Cho, Jie Chen, LONG HAI WU, Xin Jin
34	TalkLoRA: Low-Rank Adaptation for Speech-Driven Animation	Jack Saunders, Vinay P Namboodiri
47	Group Activity Recognition via Spatio-Temporal Reasoning of Key Instances	Gaojie Li, Haoting He, Runlin Zou, Wei Guo, Yaochen Li, Yutong Wang
74	ControlDreamer: Stylized 3D Generation with Multi-View ControlNet	Chaehun Shin, Jooyoung Choi, Minjun Park, Sungroh Yoon, Yeongtak Oh, Yongsung Kim
102	Distribution-Aware Calibration for Object Detection with Noisy Bounding Boxes	Bin-Bin Gao, Donghao Zhou, Guangyong Chen, Jialin Li, Jiancheng Huang, Jinpeng Li, Pheng-Ann Heng, Qiang Nie, Qiong Wang, Yong Liu
108	MoManifold: Learning to Measure 3D Human Motion via Decoupled Joint Acceleration Manifolds	Boming Zhao, Guofeng Zhang, Tianxing Fan, Zhaopeng Cui, Ziqiang Dang, ������, Xujie Shen
140	Scalable Frame Sampling for Video Classification: A Semi-Optimal Policy Approach with Reduced Search Space	Jeongwoo Shin, Joonseok Lee, Junho Lee, Seongsu Ha, Seung Woo Ko
147	MCDS-VSS: Moving Camera Dynamic Scene Video Semantic Segmentation by Filtering with Self-Supervised Geometry and Motion	Angel Villar-Corrales, Moritz Austermann, Sven Behnke
180	JEAN: Joint Expression and Audio-guided NeRF-based Talking Face Generation	Aggelina Chatziagapi, Dimitris Samaras, Sai Tanmay Reddy Chakkera
184	Reclaiming Residual Knowledge: A Novel Paradigm to Low-Bit Quantization	Alexandru Drimborean, Colm O'Riordan, James McDermott, Roisin Luo
211	Align-DETR: Enhancing End-to-end Object Detection with Aligned Loss	Di Huang, Guodong Wang, Songtao Liu, Xiangyu Zhang, Zeming Li, Zheng Ge, Zhi Cai
245	Enhancing 3D Hand Pose Estimation via Dense Ordinal Regression Network	Qiang Wang, SoonYong Cho, Weiming Li, Xiaoshuai Hao, Yamin Mao, Zhihua Liu
288	PawFACS: Leveraging Semi-Supervised Learning for Pet Facial Action Recognition	Aman Bahuguna, Anandavardhan Hegde, Ankit Raja, Apnesh Rawat, Hema Sathiamurthy, Narayan Kothari, Sudha Velusamy

307	Discovering an Image-Adaptive Coordinate System for Photography Processing	Lin Gu, Tatsuya Harada, Ziteng Cui
318	Mumpy: Multilateral Temporal-view Pyramid Transformer for Video Inpainting Detection	Bo Peng, Huiyu Zhou, Jiaran Zhou, Junyu Dong, Ying Zhang, Yuezun Li
323	Complete the Feature Space: Diffusion-Based Fictional ID Generation for Face Recognition	DongJae Lee, Myeong-Yeon Yi, Naeun Ko, Sang-goo Lee, Seunggyu Chang, Yonghyun Jeong
335	SignVTCL: Multi-Modal Continuous Sign Language Recognition Enhanced by Visual-Textual Contrastive Learning	Bian Wu, Chenyong Guan, Donghao Zhou, Guangyong Chen, Hao Chen, Jiaze Wang, Jinpeng Li, Pheng-Ann Heng, Ziyu Guo
352	DiffusedWrinkles: A Diffusion-Based Model for Data-Driven Garment Animation	Dan Casas, Elena Garces, Raquel VIDAURRE
384	Few-Shot Classification of Interactive Activities of Daily Living (InteractADL)	Edward Vendrow, Ehsan Adeli, Kazuki Kozuka, Li Fei-Fei, Robathan Harries, Yuta Kyuragi, Zane Durante, Zelun Luo
388	ACIL: Active Class Incremental Learning for Image Classification	Aditya Bhattacharya, Debanjan Goswami, Shayok Chakraborty
414	NSSR-DIL: Null-Shot Image Super-Resolution Using Deep Identity Learning	Sree Rama Vamsidhar S, Gorthi Rama Krishna Sai Subrahmanyam
421	Rethinking Domain Adaptive Optic Disc and Cup Segmentation in Fundus Image through Dynamic Diffusion Flow	Canran Li, Dongnan Liu, Weidong Cai
426	Unified Compositional Query Machine with Multimodal Consistency for Video-based Human Activity Recognition	Duy Hung Tran, Thao Minh Le, Truyen Tran, Tuyen Tran
433	Separated and Independent Contrastive Learning on Labeled and Unlabeled Samples: Boosting Performance on Long-tail Semi-supervised Learning	Dongyoung Kim, Jeong-Gun Lee, WonSook Lee
448	Learning to Project for Cross-Task Knowledge Distillation	Benedikt Kolbeinsson, Dylan Auty, Krystian Mikolajczyk, Roy Miles
493	Spike-SLR: An Energy-efficient Parallel Spiking Transformer for Event-based Sign Language Recognition	Hong Chen, Mingxuan Liu, Xinxu Lin, Kezhao Liu
499	MotionMAE: Self-supervised Video Representation Learning with Motion-Aware Masked Autoencoders	Bin Wen, Deng Huang, Haosen Yang, Hongxun Yao, Jiannan Wu, Xiatian Zhu, Yi Jiang, Zehuan Yuan
505	FLARE up your data: Diffusion-based Augmentation Method in Astronomical Imaging	Fakhri Karray, Mohammed Talha Alam, Mohsen Guizani, Raza Imam
524	A self-supervised cyclic neural-analytic approach for novel view synthesis and 3D reconstruction	Alina Marcu, Dragos Costea, Marius Leordeanu
537	Out-Of-Distribution Detection for Audio-visual Generalized Zero-Shot Learning: A General Framework	Liuyuan Wen
599	VLAVAD: Vision-Language Models Assisted Unsupervised Video Anomaly Detection	Changkang Li, Yalong Jiang
657	G3FA: Geometry-guided GAN for Face Animation	Alain Pagani, Alireza Javanmardi, Didier Stricker



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723	\$ControlEdit: A MultiModal Local Clothing Image Editing Method\$	Di Cheng, JiaFu Zhang, YULiu, Yingjie Shi, sun shixin, weijing wang
727	Optimising Diffusion Models for Histopathology Image Synthesis	Jacqueline James, Richard Gault, Stephanie G Craig, Victoria Porter
746	Adapting MIMO video restoration networks to low latency constraints	Valéry Dewil, Zhe Zheng, Arnaud Barral, Lara Raad, Nao Nicolas, Ioannis Cassagne, Jean-michel Morel, Gabriele Facciolo, Bruno Galerne, Pablo Arias
755	PlainMamba: Improving Non-Hierarchical Mamba in Visual Recognition	Chenhongyi Yang, Elliot J. Crowley, Jiaming Liu, Linus Ericsson, Miguel Espinosa, Zehui Chen, Zhenyu Wang
790	FILS: Self-Supervised Video Feature Prediction In Semantic Language Space	Andrew Gilbert, Frank Guerin, Mona Ahmadian
900	Direct-Sum Approach to Integrate Losses Via Classifier Subspace	Takumi Kobayashi
911	A simple Color Correction Matrix for RAW Reconstruction	Anqi Liu, Shugong Xu, Shiyi Mu