

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	Keynote: Vision-based robotic perception: are we there yet? Speaker: 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	Horospherical 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	Keynote: Privacy Preservation and Bias Mitigation in Human Action Recognition	Speaker: Mubarak Shah
10:00 to 11:45		Hall 2	Poster Session 3	
11:45 to 13:00		M1	Oral Session 3 - Real World Applications	Session Chair: 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 Frascaoli, 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	Industrial Keynote - Technovative Solutions	Speaker: 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	Keynote: Frontiers of Video Understanding	Speaker: Laura Sevilla
	09:00 to 13:00	M2	Doctoral Consortium	
	09:00 to 18:00	M3	Workshop: Robust Recognition in the Open World	https://rrow2024.github.io
	10:00 to 11:45	Hall 2	Poster Session 5	
	11:45 to 13:00	M1	Oral Session 4 - Machine Vision in Challenging Scenarios	Session Chair: 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	Workshop: DIFA: Deep Learning-based Image Fusion and Its Applications	https://difa2024.github.io

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

		Paper ID	Title	Author(s)
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, Hyuksoo 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	Keynote: The 3D Revolution: Neural Representations and Diffusion Models to Understand and Synthesise the 3D World Speaker: Federico Tombari
10:00 to 11:00	M1	Town Hall Chair: Neill Campbell
11:00 to 11:30	Hall 2	WS Posters
13:00 to 14:00	Hall 2	Lunch
14:00 to 17:00	Hall 2	WS Posters

Workshops

When?	Where?	What's on?
09:00 to 13:00	M2	Workshop: Media authenticity in the age of artificial intelligence https://dbhowmik.github.io/MediaTrust/workshops/
09:00 to 13:00	M4	Workshop: Privacy, Fairness, Accountability and Transparency in Computer Vision https://sites.google.com/view/pfatcvbmvc24/home
09:00 to 18:00	M3	Workshop: The 2nd Workshop in Video Understanding and its Applications https://vua-bmvc.github.io/2024/
14:00 to 18:00	M4	Workshop: Workshop on Machine Vision for Earth Observation and Environment Monitoring https://mveo.github.io
14:00 to 18:00	M1	Workshop: 1st Workshop on Advancing Non-invasive Human Motion Characterization in the Clinical Domain: Methods and Applications https://anima2024.sites.uu.nl/
14:00 to 18:00	M1	Workshop: Synthetic Realities and Biometric Security: Advances in Forensic Analysis and Threat Mitigation (SRBS) https://sites.google.com/view/srbs-bmvc2024
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 ³ -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 ³ 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	Direct-Sum Approach to Integrate Losses Via Classifier Subspace	Seyed mohsen hosseini



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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	Adria Ruiz, Antonia Alomar, Federico Sukno, Joaquim Comas Mart��nez
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 Grubi��i?, Sini��a ��egvi?
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



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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
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