

ICPR-2024 TECHNICAL PROGRAM

December 01, 2024 - DAY 1 (Pre-Conference at Presidency University, Newtown Campus)

08:00 - 09:30 HRS

Registration
(Venue: Lobby of Presidency University, Newtown Campus)

09:30 - 17:30 HRS

**Workshops
Tutorials &
Doctoral Consortium**
(Venue: Presidency University, Newtown Campus)

Location:
<https://maps.app.goo.gl/8Y8Fz1H6zUGXvSEZ8>

Details about the Pre-Conference Events is provided in this link:
<https://icpr2024.org/pdf/Pre-conference-events-website.pdf>

17:30 - 18:30 HRS

Registration
(Venue: Café Ekante, Eco Park, Eco Island)

18:30 - 22:00 HRS

Welcome Dinner
<https://maps.app.goo.gl/8Y8Fz1H6zUGXvSEZ8>

December 02, 2024 - DAY 1 (Main Conference at BBCC)

08:00 - 09:00 HRS

Registration
(Venue: 2nd Floor Foyer)

09:00 - 09:30 HRS

Inauguration
(Venue: HALL 1 - 5th Floor)

09:30 - 10:30 HRS

Keynote Talk 1

Session Chair	Speaker Name(s)	Talk Title
Arjan Kuijper	Tin Kam Ho (IAPR King-Sun Fu Prize Winner) IBM Research, New York, USA	Learnability Studies in Pattern Recognition

10:30 - 11:00 HRS

Tea/Coffee
(Venue: Ground Floor Foyer)

11:00 - 12:30 HRS

Oral Session 1

Session Number & Venue	Session Chair	Paper Category	Authors	Paper Title
1-A (HALL 1 - 5th Floor)	Andreas Fisher	Classification	Akhmedova, Shakhnaz; Körber, Nils	Next Generation Loss Function for Image Classification
			Xia, Yulong; Zhang, Jianwei	ORA-Trans: Object region attention transformer based on key tokens selector with structure feature modeling for fine-grained visual
1-B (HALL 5 - Ground Floor)	Subhasis Chaudhuri	Representation Learning	Srivastava, Adit ; Ramagiri, Aravind; Gupta, Puneet; Gupta, Vivek	SANGAM: Synergizing Local and Global Analysis for simultaneous WBC Classification and Segmentation
			Cao, Zongjing; Li, Yan; Shin, Byeong-Seok	Attention-Guided Energy-based Model for Out-of-Distribution Data Detection
1-C (HALL 6 - 1st Floor)	Sebastiano Battiato	Human behavior from images and videos	Yang, Chuhong; Li, Bin; Wu, Nan	DSParsE: Dynamic Sparse Embedding for Knowledge Graph Completion
			Chen, Shangyu; Yang, Xiaohao; Fang, Pengfei; Harandi, Mehrtash; Phung, Dinh Q.; Cai, Jianfei	Stereographic Projection for Embedding Hierarchical Structures in Hyperbolic Space
1-D (HALL 7 - 1st Floor)	Larry Ogorman	Text detection and recognition	Cheng, Zhen; Zhu, Fei; Zhang, Xu-Yao; Liu, Cheng-Lin	Delving into Feature Space: Improving Adversarial Robustness by Feature Spectral Regularization
			Huang, Zhixin; He, Yujiang; Nivarthi, Chandana Priya; Sick, Bernhard; Gruhl, Christian	Time-Series Representation Learning via Heterogeneous Spatial-Temporal Contrasting for Remaining Useful Life Prediction
1-C (HALL 6 - 1st Floor)	Sebastiano Battiato	Human behavior from images and videos	Kim, Hye-Geun; Na, You-Kyoung; Joe, Hae-Won; Moon, Yong-Hyuk; Cho, Yeong-Jun	Re-identification Based on the Spatial-temporal Fusion Network
			Hasan, Kazi Reyazul; Adnan, Muhammad Abdullah	EMPATH: MediaPipe-aided Ensemble Learning with Attention-based Transformers for Accurate Recognition of Bangla Word-Level Sign
1-D (HALL 7 - 1st Floor)	Larry Ogorman	Text detection and recognition	Lee, Ming-Han; Zhang, Yu Chen; WU, KUN-RU; Tseng, Yu-Chee	GolfPose: From Regular Posture to Golf Swing Posture
			Xu, Jingwen; Wei, Xiaoge; Yuen, PongChi	Multi-Scale Value-Density Transformer with Medical Semantic Guidance for Disease Risk Prediction based on Clinical Time Series
1-D (HALL 7 - 1st Floor)	Larry Ogorman	Text detection and recognition	Muth, Markus; Sablatnjig, Robert; Peer, Marco; Kleber, Florian	Advancing Handwritten Text Detection by Synthetic Text
			Mathew, Minesh; Mondal, Ajoy; Jawahar, C.V.	Towards Deployable OCR Models for Indic Languages
1-D (HALL 7 - 1st Floor)	Larry Ogorman	Text detection and recognition	Xu, Shuo; Zhuang, Zeming; Li, Mingjun; Su, Feng	Arbitrary-Shaped Scene Text Recognition with Deformable Ensemble Attention
			Han, Zhiwang; Yadikar, Nurbiya; Xuebin, Xu; Aysa, Alimjan ; Ubul, Kurban	Oracle Character Recognition Based on Attention Enhancement and Multi-scale Feature Fusion

12:30 - 13:30 HRS

Keynote Talk 2

Session Chair	Speaker Name(s)	Talk Title
Anil Jain	Timothy Hospedales University of Edinburgh, UK.	On the Importance and Difficulty of Evaluating AI

13:30 - 14:30 HRS

Lunch
(Venue: 2nd Floor Foyer)

14:30 - 16:00 HRS

Poster Session 1 (with tea/coffee)
(Venue: 4th Floor Foyer)

Please find the poster paper details at the end of the schedule

16:00 - 18:00 HRS

Oral Session 2

Session Number & Venue	Session Chair	Category	Authors	Paper Title
2-A (HALL 1 - 5th Floor)	Joao Paulo Papa	Classification and adaptation	Vavilthota, Venkata R; Ramanathan, Ranjith; Aakur, Sathyanarayanan N	Capturing Temporal Components for Time Series Classification
			Gupta, Ravi Kant; Das, Shounak ; Sethi, Amit	IDAL: Improved Domain Adaptive Learning for Natural Images Dataset
2-B (HALL 4 - Ground Floor)	Keiji Yanai	Neural networks and deep learning - I	Gupta, Ravi Kant; P. Chirag; Wagle, Mukta G; Jeevan P, Pranav ; Sethi, Amit	CHATTY: Coupled Holistic Adversarial Transport Terms with Yield for Unsupervised Domain Adaptation
			Makhija, Shradha; Mandal, Srimita; Pandya, Utkarsh; Chirakkal, Sanid; Putevru, Deepak	PoSAR Image Classification Using Complex-Valued Squeeze and Excitation Network
2-B (HALL 4 - Ground Floor)	Keiji Yanai	Neural networks and deep learning - I	Mahmud, Hasanul I; Desai, Kevin; Lama, Palden; Prasad, Sushil	EncodeNet: A Framework for Boosting DNN Accuracy with Entropy-driven Generalized Converting Autoencoder
			Jiu, Mingyuan; zhu, hailong; Sahbi, Hichem	Deep Multi-order Context-aware Kernel Network for Multi-label Classification
2-B (HALL 4 - Ground Floor)	Keiji Yanai	Neural networks and deep learning - I	chen, qiyan; diao, bowu; Yang, Yu; xu, yongjun	SCP: A Structure Combination Pruning method via Structured Sparse for Deep Convolutional Neural Networks
			jarraya, zakaria; Rousseau, Francois; Benaichouche, Simon; Drumetz, Lucas; Ben Salem, Douraied	On divergence-free neural ODE for classification
2-B (HALL 4 - Ground Floor)	Keiji Yanai	Neural networks and deep learning - I	Becker, Marlon; Butz, Marco; Lemli, David; Schuck, Carsten; Risse, Benjamin	Learning Proposal Distributions in Simulated Annealing via Template Networks: A Case Study in Nanophotonic Inverse Design
			Bennabhaktula, Guru Swaroop; Alegre, Enrique; Strisciuglio, Nicola; Azzopardi, George	PushPull-Net: Inhibition-driven ResNet robust to image corruptions

			Zhou, Xuan; Kundu, Souvik; Chen, Dake; Huang, Jie; A. Beereel, Peter	What makes vision transformers robust towards bit-flip attack?
			Liu, Yunfeng; Jung, Cheolkon	DWT-SALF: Subband Adaptive Neural Network Based In-Loop Filter for VVC Using Cyclic DWT
2-C (HALL 5 - Ground Floor)	In Kyu Park	Motion and video analysis	Benaglia, Riccardo; Porrello, Angelo; Buzzega, Pietro; CALDERARA, SIMONE; Cucchiara, Rita	Trajectory Forecasting through Low-Rank Adaptation of Discrete Latent Codes
			Hannan, Tanveer; Koner, Rajat; Bernhard, Maximilian; Shit, Suprosanna; Menze, Bjoern; Tresp, Volker; Schubert, Matthias; Seidl, Thomas	GRAIt-VIS: Gated Residual Attention for Video Instance Segmentation
			Liao, Bor-Chen; Wu, Jie-Syuan; Hsu, Gee-Sern; Kang, Jiunn-Hong; Tang, Chen-Lung	3D Pose-based Evaluation of the Risk of Sarcopenia
			Zang, Han; Xu, Tianyang; Zhu, Xue-Feng; Song, Xiaoning; Wu, Xiao-Jun; Kittler, Josef	Attention-based Patch Matching and Motion-driven Point Association for Accurate Point Tracking
			Guo, Song; Liu, Ruijie; Narishige, Abe	RTAT: A Robust Two-stage Association Tracker for Multi-Object Tracking
			Roy, Debaditya; Fernando, Basura	Predicting the Next Action by Modeling the Abstract Goal
2-D (HALL 6 - 1st Floor)	Jayanta Mukhopadhyay	Image and video processing	Ko, Seongwan; Cho, Donghyeon	CSSR: Cross-and Self-Feature Transformer with High-Frequency Feature Alignment for Reference-Based Super-Resolution
			Li, Bing; Yu, Wei; Zheng, Naishan; Huang, Jie; Zhao, Feng	Unsupervised Low-light Image Enhancement via Spectral Consistency
			Li, Tianyi; Tian, Ming; Gao, Changxin; Sang, Nong	Self-Distilled Dual-Network with Pixel Screening Loss for Blind Image Deblurring
			Mo, Fanbin; Huang, Yixiang; Wu, Ming; Zhu, Xun; Zhang, Chuang	MMSISP: A Satellite Image Sequence Prediction Network with Multi-Factor Decoupling and Multi-Modal Fusion
			He, Runlin; Zhou, Gang; Xue, Tianhao; Liu, Zhaoxi; Jia, Zhenhong	Deformable Multi-Scale Network for Snow Removal in Video
			Li, Mingjun; Zhuang, Zeming; Xu, Shuo; Su, Feng	MPGTSRN: Scene Text Image Super-Resolution Guided by Multiple Visual-Semantic Prompts

Special Session on 50 year of ICPR
(Venue: HALL 7 - 1st Floor)

Sl. No.	Speaker Name(s)
1	Anil Jain
2	Josef Kittler
3	Ingela Nystrom

December 03, 2024 - DAY 2 (Main Conference)

08:00 - 09:00 HRS

Registration

(Venue: 2nd Floor Foyer)

09:00 - 10:00 HRS

Keynote Talk 3

(Venue: HALL 1 - 5th Floor)

Session Chair	Speaker Name(s)	Talk Title
Josef Kittler	Xiaolong Wang (IAPR J.K. Aggarwal Prize Winner) University of California San Diego, USA	

10:00 - 11:00 HRS

Oral Session 3

Session Number	Session Chair	Category	Authors	Paper Title
3-A (HALL 1 - 5th Floor)	Mayank Vatsa	Clustering	Cui, Jianbin; Chu, Lingyang	Interpretable Deep Graph-level Clustering: A Prototype-based Approach
			Bangde, Yashwant; Saini, Naveen	Multi-view Ensemble Clustering-based Podcast Recommendation in Indian Regional Setting
3-B (HALL 5 - Ground Floor)	Guoying Zhao	Online and continual learning	Lin, Houshen; Hou, Jian; Yuan, Huaqiang	Adaptive Nearest Neighbor Density Peak Clustering Based On Fuzzy Logic
			Kim, Minha; Bhaumik, Kishor Kumar; Ahsan Ali, Amin; Woo, Simon S	MIXAD: Memory-Induced Explainable Time Series Anomaly Detection
3-C (HALL 6 - 1st Floor)	Arpan Pal	Action and behavior recognition	Mosconi, Matteo; Sorokin, Andriy; Panariello, Aniello; Porrello, Angelo; Bonato, Jacopo; Cotogni, Marco; Sabetta, Luigi; CALDERARA, SIMONE; Cucchiara, Rita	Efficient Continual Human Action Recognition using Skeletons
			Feillet, Eva; Popescu, Adrian; Hudelot, Céline	Recommendation of data-free class-incremental learning algorithms by simulating future data
3-D (HALL 7 - 1st Floor)	Shang Hong Lai	Computer aided diagnostics	Zou, Yishan; Nugent, Chris; Burns, Matthew; Xi, Xiaoming; Liu, Meng	Towards Open-set Egocentric Action Recognition with Uncertainty Estimation
			SURESH DASS, SHARANA DHARSHIKGAN; Barua, Hrishav Bakul; Krishnasamy, Ganesh; Paramesran, Raveendran; Phan, Raphael CW	ActNetFormer: Transformer-ResNet Hybrid Method for Semi-Supervised Action Recognition in Videos
3-D (HALL 7 - 1st Floor)	Shang Hong Lai	Computer aided diagnostics	Shin, Jongmin; Maiti, Abhishek; Zou, Yuliang; Choi, Jinwoo	Multi-Teacher Invariance Distillation for Domain-Generalized Action Recognition
			Yang, Ge; Qing, Linbo; Zhang, Yanteng; Gao, Feng; Gao, Li; He, Xiaohai; Peng, Yonghong	An attention transformer-based method for the modelling of functional connectivity and the diagnosis of autism spectrum disorder
			Wang, Shiyun; Xu, Yongchao	Auxiliary Information Guided Segmentation for the Clinical Target Volume of Cervical Cancer
			Macias, Eric Macias; Morales, Aythami; Pruenza, Cristina; Fierrez, Julian	Privacy-Preserving Statistical Data Generation: Application to Sepsis Detection

11:00 - 11:30 HRS

Tea/Coffee

(Venue: Ground Floor Foyer)

11:30 - 12:30 HRS

Oral Session 4

Session Number & Venue	Session Chair	Paper Category	Authors	Paper Title
4-A (HALL 1 - 5th Floor)	Michal Haindl	Graph models	Wang, Yongyu; Zhuang, Xiaotian	Mitigating the Impact of Noisy Edges on Graph-Based Algorithms via Adversarial Robustness Evaluation
			Yin, Naiyu; Yu, Yue; Gao, Tian; Ji, Qiang	Efficient Nonlinear DAG Learning under Projection Framework
4-B (HALL 5 - Ground Floor)	Vishal Patel	Few-shot and zero-shot learning	Wu, Qi; Yang, Yingguang; He, Buyun; Liu, hao; Yang, Rennyu; Liao, Yong; Zhou, Pengyuan	BotSCL: Heterophily-aware Social Bot Detection with Supervised Contrastive Learning
			Nair, Nilah Ravi; Matei, Arthur; Krön, Dennis; Moya Rueda, Fernando; Reining, Christopher; Fink, Gernot A.	Augmentation of Human Activity Data: Convert, Generate, Transform
4-C (HALL 6 - 1st Floor)	Ross Whitaker	Fine-grained recognition	Chen, Liangyuan; He, Zhenan; Zhang, Hai	Image Domain Translation for Few-Shot Learning
			Sinha, Abhishek Kumar; Mishra, Deepak; S, Manthira Moorthi	Towards Adversarial Robustness and Reducing Uncertainty Bias through Expert Regularized Pseudo-Bidirectional Alignment in Transductive Zero Shot Learning
4-D (HALL 7 - 1st Floor)	Bob Fisher	3D vision	Zhou, Beichen; Bi, Qi; Ding, Jian; Xia, Gui-Song	Boosting Fine-Grained Oriented Object Detection via Text Features
			Moratelli, Nicholas; Cornia, Marcella; Baraldi, Lorenzo; Cucchiara, Rita	Fluent and Accurate Image Captioning with a Self-Trained Reward Model
4-D (HALL 7 - 1st Floor)	Bob Fisher	3D vision	Frank, Hannah; Vetter, Karl; Varga, Leon; Wolff, Lars; Zell, Andreas	Hyperspectral Imaging for Characterization of Construction Waste Material in Recycling Applications
			Wan, Junkang; Miao, Yubin; Wu, Hang	Multimodal Point Cloud Completion via Residual Attention Feature Fusion
			Pathak, Stuti; McDonald, Thomas M; Sels, Sepp; Penne, Rudi	GP-PCS: One-shot Feature-Preserving Point Cloud Simplification with Gaussian Processes on Riemannian Manifolds
			Nakano, Gaku	Inverse DLT method for One-sided Radially Distortion Homography

12:30 - 13:30 HRS

Keynote Talk 4

Session Chair	Speaker Name(s)	Talk Title
Umapada Pal	Shuicheng Yan Skywork AI, 2 Science Park Drive, Singapore	Foundations of Foundation Models

13:30 - 14:30 HRS

Lunch

(Venue: 2nd Floor Foyer)

14:30 - 16:00 HRS

Poster Session 2 (with tea/coffee)

(Venue: 4th Floor Foyer)

Please find the poster paper details at the end of the schedule

Women at ICPR Workshop (with tea/coffee)

(Venue: HALL 5 - Ground Floor)

16:00 - 18:00 HRS

Oral Session 5

Session Number & Venue	Session Chair	Paper Category	Authors	Paper Title
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5-A (HALL 1 - 5th Floor)	Marwan Torki	Deep learning - I	Liu, Zhoufeng; Li, Bingrui; Ding, Shumin; Xi, Jiangtao; Li, Chunlei	Cross-Domain Calibration and Boundary Denoising Network for Weakly Supervised Semantic Segmentation
			Yang, Jie; Jing, LiWei; Xu, Yuanzhuo; Wu, Shaowu; Drew, Steve; Niu, Xiaoqiang	Label-expanded Feature Debiasing for Single Domain Generalization
			Oehri, Sven; Ebert, Nikolas; Abdullah, Ahmed; Stricker, Didier; Wasenmüller, Oliver	GenFormer - Generated Images are All You Need to Improve Robustness of Transformers on Small Datasets
			Lu, GuangTong; Du, Weidong; Li, Fanzhang	EFLD-NET: Enhancing Few-Shot Learning With Local Descriptors
			Bylander, Karf; Nyström, Ingela; Bengtsson Bernander, Karl	Equivariant Neural Networks for TEM Virus Images Improves Data Efficiency
5-B (HALL 5 - Ground Floor)	Santanu Chaudhuri	Weakly supervised and partial label learning	Liu, Jie; Li, QILIN; An, Senjian; Ezard, Brad; Li, Ling	EdgeConvFormer: an unsupervised anomaly detection method for multivariate time series
			Iqbal, Owais; Chakraborty, Omprakash; Hussain, Aftab; Panda, Rameswar; Das, Abir	SITAR: Semi-Supervised Image Transformer for Action Recognition
			Hirner, Dominik; Fraundorfer, Friedrich	SAda-Net: A Self-Supervised Adaptive Stereo Estimation CNN for Remote Sensing Image Data
			Jiang, Xiaoheng; Xiao, Penghui; Yan, Feng; Lu, Yang; Jin, Shaohui; Xu, Mingliang	Context Mutual Evolution Network for Weakly Supervised Surface Defect Detection
			Borah, Parashjyoti; Dutta, Aparajita	Conditional Probability-based Feature Embedding for Genomic Sequence Data
5-C (HALL 6 - 1st Floor)	Bertrand Kerautret	Object detection and recognition	Xu, Fankang; Qian, Wenbin; Cai, Xingxing; Huang, Jintao; CHEUNG, Yiu-ming; Ding, Weiping	Label Disambiguation-based Feature Selection for Partial Multi-Label Learning
			Wang, Naihao; Yang, Yukun; Yang, Haixin; Li, Ruirui	Enhancing Fairness and Robustness in Label-Noise Learning through Advanced Sample Selection and Adversarial Optimization
			Marichal, Henry; Passarella, Diego N.; Randall, Gregory	Automatic Wood Pith Detector: Local Orientation Estimation and Robust Accumulation
			Maglo, Adrien; Audigier, Romaric	Early Features Distributions Alignment in Visible-to-thermal Unsupervised Domain Adaptation for Object Detection
			Purkayastha, Kunal; Sarkar, Shashwat; Palaiahnakote, Shivakumara; Pal, Umopada; Ghosal, Palash	DATR: Domain Agnostic Text Recognizer
5-D (HALL 7 - 1st Floor)	Ajay Kumar	Biometrics and benchmarking	Wang, Jinzong; Tian, Xuetao; Dai, Shun; Zhuo, Tao; Zeng, Haorui; Liu, Hongjuan; Liu, Jiaqi; Zhang, Xiwei; Zhang, Yaning	RGB-T Object Detection via Group Shuffled Multi-receptive Attention and Multi-modal Supervision
			Zhong, WenLong; Zhang, Yunfei; Wu, Si	Environment-Independent Fusion for Robust Object Detection in Adverse Environments
			Quan, Yitong; Kiefer, Benjamin; Messmer, Martin; Akupati, Charan; Graser, Rainer; Zell, Andreas	Robust Single-Cam Surround View Object Detection and Localization Using Memory Maps
			Pandey, Anurag; Singh, Pushap; Bhavsar, Arnab; Nigam, Aditya; Acharya, Dr. Divya; Verma, Basu	SIGN-Diffusion: Generating User Specific Online Signature For Digital Verification
			Chen, Hongxu; Xiong, Jianghao; Huang, YuHeng; Xie, Xiaohua; Lai, Jian-Huang	Visible-Infrared Person Search: A Novel Benchmark and Solution
Solano Martinez, Imanol; Peña, Alejandro; Morales, Aythami; Fierrez, Julian; Tolsana, Ruben; Zamora Martinez, Francisco; San Agustín, Javier	Comprehensive Equity Index (CEI) with Application to Measure Bias in Operational Face Recognition Systems			
Bowditch, Margaux; van der Haar, Dustin T	AnnChor: A Video Dataset for Temporal Action Localization in Classical Ballet Choreography			
Che, Hekuangyi; Zhu, Dongchen; Shi, Wenjun; Zhang, Guanghui; Li, Hang; Wang, Lei; Li, Jiamao	IPHaze: Image Pyramid Gaze Estimation with Head Pose Guidance			
Zhang, Ruoji; Shen, Peisong; Lv, Kewei; Chen, Chi	One-factor Cancelable Biometric Template Protection Scheme for Real-valued Features			

December 04, 2024 - DAY 3 (Main Conference)

08:00 - 09:00 HRS

Registration
(Venue: 2nd Floor Foyer)

09:00 - 10:00 HRS

Keynote Talk 5
(Venue: HALL 1 - 5th Floor)

Session Chair	Speaker Name(s)	Talk Title
Ingela Nyström	Guoying Zhao (IAPR Maria Petrou Prize Winner) University of Oulu, Finland	Visual Intelligence with Emotion Perception

10:00 - 11:00 HRS

Oral Session 6

Session Number & Venue	Session Chair	Category	Authors	Paper Title
6-A (HALL 1 - 5th Floor)	Ida-Maria Sintorn	Neural networks and deep learning - II	TURINICI, Gabriel teng, sun; Xiao, Xiaoqiang; Zhang, Xu; Ning, Weixun Wang, Yu; Du, Bo; Wu, Shufan; Yang, Xingli	Optimal time sampling in physics-informed neural networks HeFormer: A Lightweight Transformer Combining Hash Estimation for Link Prediction A Hyperparameter Optimization Method Based on Statistical Orthogonal Design for Neural Network Models
6-B (HALL 5 - Ground Floor)	JENNY BENOIS-PINEAU	Multimodal and multi-label learning	Menadil, Rafael Edy; Georgescu, Mariana-Iuliana; Ionescu, Radu Tudor	Learning Using Generated Privileged Information by Text-to-Image Diffusion Models
6-C (HALL 6 - 1st Floor)	Maria De Marsico	Learning for vision	Chen, Wei; Li, Xiaofei; Long, Sheng; Lei, Jun; Li, Shuohao; Zhang, Jun	Feature Balance Method for Multi-modal Entity Alignment
			Rawlekar, Samyak; Bhatnagar, Shubhang; Srinivasulu, Vishnuvardhan Pogunulu; Ahuja, Narendra	Improving Multi-label Recognition using Class Co-Occurrence Probabilities
6-D (HALL 7 - 1st Floor)	Gernot Fink	Document understanding	Liu, Mingxuan; Roy, Subhankar; Zhong, Zhun; Sebe, Nicu; Ricci, Elisa	A Frustratingly Simple Baseline for Incremental Novel Class Discovery
			Li, Guonan; Yao, Meibao; Xiao, Xueming	Layer-wise Pruning Ratios Auto-configuration: a One-Shot Channel Pruning through Sensitivity and Spatial Analysis
6-D (HALL 7 - 1st Floor)	Gernot Fink	Document understanding	Bravo-Rocca, Gusseppe; Liu, Peini; Guitart, Jordi; Dholakia, Ajay; Ellison, David D	TADIL: Task-Agnostic Domain-Incremental Learning through Task-ID Inference using Transformer Nearest-Centroid Embeddings
			Roy, Ayush; Palaiahnakote, Shivakumara; Pal, Umopada; Antonacopoulos, Apostolos; Blumenstein, Michael	XLSI: A New Xception and Log Polar Transform-based Approach for Scene Text Script Identification
			Li, shuai; Li, Xiao-Hui; Yin, Fei; Huang, Linlin	Region-Level Layout Generation for Multi-Level Pre-trained Model based Visual Information Extraction
Goswami, Shreya; Saini, Naveen; Shukla, Saurabh				

Industry paper award
(Venue: HALL 4 - Ground Floor)

11:00 - 12:00 HRS

Poster Session 3 (with tea/coffee)
(Venue: 4th Floor Foyer)

Please find the poster paper details at the end of the schedule

12:00 - 13:00 HRS

Keynote Talk 6
(Venue: HALL 1 - 5th Floor)

Session Chair	Speaker Name(s)	Talk Title
Apostolos Antonacopoulos	Venu Govindaraju University at Buffalo, State University of New York, USA	The Evolution of AI in Handwriting Recognition: Insights and Innovations

13:00 - 14:00 HRS

Lunch

14:00 - 15:30 HRS

Poster Session 4 (with tea/coffee)
(Venue: 4th Floor Foyer)

Please find the poster paper details at the end of the schedule

Technical Committee Meeting
(Venue: HALL 2 - 2nd Floor)

15:30 - 17:30 HRS

Oral Session 7

Session Number & Venue	Session Chair	Paper Category	Authors	Paper Title
7-A (HALL 4 - Ground Floor)	Jean Marc Ogier	Deep learning - II	Jena, Sushovan; Saini, Vishwas; Shaw, Ujjwal; Jain, Pavitra; Raihal, Abhay Singh; Banerjee, Anoushka; Joshi, Sharad; Ganesh, Ananth; Bhavsar, Arnab	Attend, Distill, Detect: Attention-aware Entropy Distillation for Anomaly Detection
			Shi, Xiaodan; Zhang, Haoran; Shibasaki, Ryosuke; Yan, Jerry	Learning Social and Physical Compliant Multi-Modal Futures
			Saha, Surojit; Joshi, Sarang; Whitaker, Ross	Matching aggregate posteriors in the variational autoencoder
			Ye, Zhengming; Hua, Yang; Zhang, Wenjie; Song, Xiaoning; Feng, Zhenhua; Wu, Xiao-Jun	A Novel Loss for Contrastive Deep Supervision

			Vemuri, Sai Karthikeya; Büchner, Tim; Niebling, Julia; Denzler, Joachim	Functional Tensor Decompositions for Physics-Informed Neural Networks
			Iwase, Shun; Maeda, Eisaku; Inoue, Nakamasa; Kataoka, Hirokatsu; Nakamura, Ryo; Yokota, Rio; Takahashi, Shuya	On the Relationship Between Double Descent of CNNs and Shape/Texture Bias Under Learning Process
7-B (HALL 5 - Ground Floor)	XiaoJun Wu	Image analysis and recognition	Kottler, Benedikt; Oiu, Kevin Y; Häufel, Gisela; Bulatov, Dimitri	A Stratified Pipeline for Vehicle Inpainting in Orthophotos
			Zhang, Shizhou; Dang, Kairui; Cheng, De; Xing, Yinghui; Wu, Qirui; Kong, Dexuan; Zhang, Yanning	Dual-Branch Task Residual Enhancement With Parameter-free Attention for Zero-Shot Multi-Label Image Recognition
			Ray, Lala Shakti Swarup; Zhou, Bo; Krupp, Lars; Suh, Sungho; Lukowicz, Paul	A Synthetic Benchmarking Pipeline to Compare Camera Calibration Algorithms
			Lee, Keuntek; Park, JaeHyun; Cho, Nam Ik	Enhancing Multi-Exposure High Dynamic Range Imaging with Overlapped Codebook for Improved Representation Learning
			Yu, Huiyuan; He, Jia; Cheng, Maggie	Fast Orthogonal Matching Pursuit through Successive Regression
			Zhu, Huachao; Sun, Zhichao; Liu, Zelong; Xu, Yongchao	P2A: Transforming Proposals to Anomaly Masks
7-C (HALL 6 - 1st Floor)	Pabitra Mitra	Information extraction and NLP	Faren, Yan; Peng, Yu; Xin, Chen	LTNER: Large Language Model Tagging for Named Entity Recognition with Contextualized Entity Marking
			Dehan, Farhan Noor; Fahim, Md; Rahman, A K M Mahbubur; Amin, M Ashraf; Ahsan Ali, Amin	TinyLLM Efficacy in Low-Resource Language: An Experiment on Bangla Text Classification Task
			Jeon, Jangyeon; Cho, Sangyeon; Ma, Minuk; Kim, Junyeon	ConCSE: Unified Contrastive Learning and Augmentation for Code-Switched Embeddings
			Zhu, Anran; Huang, Yubo; Lai, Xin; Zhou, Zhiyuan	Navigating Data Imbalances in Cybersecurity: Identifying Malicious URLs with Multiple Labels and Extreme Data Imbalances with LGNet
			Hasan, Md. Maruf; Ahsan, Shawly; Hoque, Mohammed Moshui; Dewan, M. Ali Akber	MuLAD: Multimodal Aggression Detection from Social Media Memes Exploiting Visual and Textual Features
			Lin, Zihao; Xiao, Shurxin; Chen, Zirong; Wang, Da-Han; Li, Jianmin; Zhang, Xu-Yao	SANS: Spatial-aware Neural Solver for Plane Geometry Problem
7-D (HALL 7 - 1st Floor)	Lale Akarun	Biomedical imaging and brain computer interface	Kundu, Souraja; Iwahori, Yuji; Bhuyan, M K; Bhatt, Manish; Kjisirikul, Boonserm; wang, ali; Ouchi, Akira; Shimizu, Yasuhiro	Cross-modality Medical Image Registration with Local-Global Spatial Correlation
			Yang, Zhiyuan; Zhang, Bo; Zeng, Zhiqiang; Yeo, Si Yong	Edge-guided and Cross-scale Feature Fusion Network for Efficient Multi-contrast MRI Super-Resolution
			Zhu, Xu; Yue, Kun; Qi, Zhiwei; Su, Yunshan; Duan, Liang	Directed Brain Network Transformer for Psychiatric Diagnosis
			Osa, Ainhoa; Balaha, Hossam Magdy; Mahmoud, Ali; Abdelrahim, Mostafa; Khudri, Mohamed; Garcia Zapirain, Begonya; El-Baz, Ayman	A Cascading Approach with Vision Transformers for Age-Related Macular Degeneration Diagnosis and Explainability
			Lotey, Taveena; Verma, Aman; Roy, Partha Pratim	EEG-based Mental Imagery Task Adaptation via Ensemble of Weight-Decomposed Low-Rank Adapters
			Siddhad, Gourav; Dey, Sayantan; Roy, Partha Pratim; Iwamura, Masakazu	Awake at the Wheel: Enhancing Automotive Safety through EEG-Based Fatigue Detection
7-E (HALL 1 - 5th Floor)	Eglin veronique	Competition Papers	Alessia Rondinella, Francesco Guarnera, Elena Crispino, Giulia Russo, Clara Di Lorenzo, Davide Maimone, Francesco Pappalardo, Sebastiano Battiato	ICPR 2024 Competition on Multiple Sclerosis Lesion Segmentation - Methods and Results
			Xin Zhang, Liangxiu Han	ICPR 2024 Competition on Beyond Visible Spectrum: AI for Agriculture
			Boyang Li	ICPR 2024 Competition on Resource-Limited Infrared Small Target Detection Challenge: Methods and Results
			Qian Yin, Yulan Guo, Feng Zhang, Yuting Xie, Ye Zhang, Huaiyu Chen, Hanyun Wang, Han Wang, Furui Chen, Rong Yang, Silei Liu	ICPR 2024 Competition on Moving Object Detection and Tracking in Satellite Videos: Methods and Results
			Harsh Lunia, Ajoy Mondal, C.V. Jawahar	ICPR 2024 Competition on Word Image Recognition from Indic Scene Images
			Furqan Shaik, Sandeep Nagar, Sunny Manchanda, Kunal Chaudhary, Girish Varma	ICPR 2024 Competition on Safe Segmentation of Drive Scenes in Unstructured Traffic and Adverse Weather Conditions

17:30 - 19:00 HRS

Cultural Program
(Venue: HALL 1 - 5th Floor)

19:00 - 22:00 HRS

Banquet Dinner
(Venue: Biswa Bangla Exhibition Centre, HALL - A)

December 05, 2024 - DAY 4 (Main Conference)

08:00 - 09:00 HRS

Registration
(Venue: 2nd Floor Foyer)

09:00 - 11:00 HRS

Oral Session 8

Session Number & Venue	Session Chair	Paper Category	Authors	Paper Title
8-A (HALL 4 - Ground Floor)	Josep Lladós	Deep learning and applications	Cao, Yunxiang; Chen, Li; Wang, Yubo; Feng, Zhida; Tian, Jing	DD-Net: Dynamic Network Architecture for Optimized Curve Segmentation and Reduce Computational Redundancy
			Lin, JiaQi; Ren, Qianqian; Xu, Hui	Multi-views Enhanced Spatio-Temporal Adaptive Transformer for Urban Traffic Prediction
			Song, Chengcheng; Li, Hui; Xu, Tianyang; Zhang, Zeyang; Wu, Xiao-Jun	IFusion: Illumination-free Fusion Network for Infrared and Visible Images
			xu, ke; Zhang, Qian; Yang, Fei; jiang, zhanghao; LEE, BOON GIN	Task Oriented Image Quality Assessment for Synthesized Images
8-B (HALL 5 - Ground Floor)	Paulo Drews Jr	Vision for robotics and autonomous driving	Gan, Donawqi; Chang, Ming; Chen, Juan	3D-EffViTCaps: 3D Efficient Vision Transformer with Capsule for Medical Image Segmentation
			Yin, Hang; Zhang, Yanming; Tan, Jihua; Liu, Cheng-Lin	STAFNet: Spatiotemporal-Aware Fusion Network for Air Quality Prediction
			Qian, Chenghao; Rezaei, Mahdi; Anwar, Saeed; Li, Wenjing; Hussain, Tanveer; Azami, Mohsen; Wang, Wei	AllWeather-Net: Unified Image Enhancement for Autonomous Driving Under Adverse Weather and Low-Light Conditions
			Yang, Zhiyuan; wang, xuekuan; Zhang, Wei; Tan, Xiao; Lu, Jincheng; Wang, Jingdong; Ding, Errui; Lai, Zhihui; zhao, caorong	Uni4DAL: A Unified Baseline for Multi-dataset 4D Auto-Labeling
			du, zetao; Yang, Jianhua; Wang, Junbo; Huang, Yan; Wang, Liang	SPK: Semantic and Positional Knowledge for Zero-shot Referring Expression Comprehension
			Wen, Congcong; Huang, Yisiyuan; Huang, Hao; Huang, Yanjia; Yuan, Shuaihang; Hao, Yu; hui, lin; Liu, Yu-Shen; Fang, Yi	Zero-shot Object Navigation with Vision-Language Models Reasoning
8-C (HALL 6 - 1st Floor)	Shivakumara Palainakote	Audio and speech processing	Ming, Wenwen; chen, xucan; Liu, Zhe; Li, Ruihao; Yi, Wei	Hierarchical Visual Place Recognition with Semantic-guided Attention
			Chen, Zeyuan; Wang, Ziquan; Gao, Qiang; Mikawa, Masahiko; Fujisawa, Makato	Dense Reconstruction and Localization in Scenes with Glass Surfaces Based on ORB-SLAM2
			Zhou, Huali; Lin, Yuke; Liu, Dong; Li, Ming	KunquDB: An Attempt for Speaker Verification in the Chinese Opera Scenario
			Zhang, Jiang; Wang, Liejun; Yu, Yinfeng; Xu, Miaomiao; Mattarusun, Alimjan	Collaborative Transformer Decoder Method for Uyghur Speech Recognition in-vehicle Environment
8-D (HALL 7 - 1st Floor)	Ananda Chowdhury	Medical imaging and applications	V, kesavaraj; M, Anuprabha; Vuppala, Anil	End-to-End user defined keyword spotting using shifted delta coefficients
			Wang, Qinghai; Liu, Shiquang	MTQA360: An Easily Trainable Multitasking Network for Blind Omnidirectional Image Quality Assessment
			Mukherjee, Himadri; Marciano, Matteo; Dhar, Ankita; Roy, Kaushik	EDM10: A Polyphonic Stereo dataset with Identical BGM for Musical Instrument Identification
			Zhang, Zhedong; Li, Liang; zhang, jiehua; HU, Zhenghui; Wang, Hongkui; Yan, Chenggang; Yang, Jian, Qi, Yuankai	GENERATING HIGH-QUALITY SYMBOLIC MUSIC USING FINE-GRAINED DISCRIMINATORS
8-D (HALL 7 - 1st Floor)	Ananda Chowdhury	Medical imaging and applications	Thota, Gokaramaiah; K, Nagaraju; Korra, Sathya Babu	SVD-Grad-CAM: Singular Value Decomposition filtered Gradient Class Activation Map
			Varshney, Payal; Lucieri, Adriano; Balada, Christoph; Dengel, Andreas; Ahmed, Sheraz	Generating Counterfactual Trajectories with Latent Diffusion Models for Concept Discovery
			Elsarkawy, Mohamed; Abdelhalim, Ibrahim; Ghazal, Mohammed; Haq, Mohammad Z.; Haq, Rayan; Mahmoud, Ali; Thanos, Aristomenis; Sandhu, Harpal; El-Baz, Ayman S	TransNetOCT: An efficient Transformer-Based Model for 3D-OCT Segmentation using Prior Shape
			Aaqarwal, Snigdha; Sinha, Neelam	Self-supervised Siamese Network Using Vision Transformer for Depth Estimation in Endoscopic Surgeries
8-D (HALL 7 - 1st Floor)	Ananda Chowdhury	Medical imaging and applications	Azam, Mohamed; Balaha, Hossam Magdy; Gondim, Dibson; Mistry, Akshikumar; Ghazal, Mohammed; El-Baz, Ayman S	Histopathological Diagnosis of Meningioma and Solitary Fibrous Tumors Based on a Multi-scale Fusion Approach Utilizing Vision Transformer and Texture Analysis

			Dey, Shramana; Dutta, Pallabi; Bhattacharyya, Riddhasree; Pal Das, Surochita ; Mitra, Sushmita; Raman, Rajiv	Adaptive Class Learning to Screen Diabetic Disorders in Fundus Images of Eye
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11:00 - 11:30 HRS

Tea/Coffee
(Venue: Ground Floor Foyer)

11:30 - 13:30 HRS

Oral Session 9

Session Number & Venue	Session Chair	Paper Category	Authors	Paper Title
9-A (HALL 4 - Ground Floor)	Saumik Bhattacharyya	Generative models	Li, Yibin; Zhang, Jianyu; Zhang, Li; Li, Shijian; Pan, Gang	A Framework For Image Synthesis Using Supervised Contrastive Learning
			Nazariah, Fatemeh; Kittler, Josef; Awais, Muhammad; Kanojia, Dipesh; Feng, Zhenhua	StableTalk: Advancing Audio-to-Talking Face Generation with Stable Diffusion And Vision Transformer
			Hung, Tso-Sung; Lai, Shang-Hong	Domain Adaptation for Machinery Fault Diagnosis Based on Critic Classifier GAN
			Zhang, Liang; Yeasin, Mohammed ; Lin, Jionghao; Hu, Xiangen; Havugimana, Felix	Generative Adversarial Networks for Imputing Sparse Learning Performance
			Li, Pan; Zhou, Jianping; Tian, Xiaohua; Lin, Zhouhan	SWave: Improving Vocoder Efficiency by Straightening the Waveform Generation Path
9-B (HALL 5 - Ground Floor)	Hajime Nagahara	AI applications	Nguyen, Duc Minh; Yang, Hyung-Jeong; Kim, Soo-Hyung; Kim, Seung-Won	Latent Behavior Diffusion for Sequential Reaction Generation in Dyadic Setting
			Wu, Xing; Cai, Chengyou; Wang, Jianjia; Yao, Junfeng; Song, Jun	STMAE: Spatial Temporal Masked Auto-Encoder for Traffic Forecasting
			Mondal, Koustav Kumar; Das, Debasis	GUARDEV: Guided Unified Adaptive Response for Defending Electric Vehicles
			Nader, Rafic; L'Alinec, Vincent; Bourcier, Romain; Autrusseau, Florent	Vascular Models (VaMos): Application to bifurcation classification and aneurysm detection
			Dai, Weinan; Jiang, Yifeng; Liu, Yuanjing; Chen, Jinkun; Sun, Xin; Tao, Jinglei	CAB-KWS: Contrastive Augmentation: An Unsupervised Learning Approach for Keyword Spotting in Speech Technology
9-C (HALL 6 - 1st Floor)	Wolfgang Fuhl	Image segmentation and detection	Li, ShuPeng; Qi, ZhaoHui	Efficient Prescribed-time and Robust Zeroing Neural Networks for Computing Time-Variant Plural Stein Matrix Equation
			Anita, Stefana-Lucia; TURINICI, Gabriel	Convergence of a L2 regularized Policy Gradient Algorithm for the Multi Armed Bandit
			Zhu, Xinyu; Li, Jiafeng; Wen, Ying	INJECTIONNET: Realizing Information Injection for Medical Image Segmentation with Layer Relationships
			Sharafeldeen, Ahmed; Khelifi, Adel; Ghazal, Mohammed; Yaghi, Maha; Mahmoud, Ali; Contractor, Sohail ; El-Baz, Ayman S	Unsupervised Segmentation of Pulmonary Regions in 3D CT Scans Optimized using Transformer Model
			Xu, Wenbo; Wu, Yanan; Jiang, Haoran; Wang, Yang; Wu, Qiang; Zhang, Jian	Task Consistent Prototype Learning for Incremental Few-shot Semantic Segmentation
9-D (HALL 7 - 1st Floor)	Andrej Przybyszewski	Medical image analysis	Liang, Wen; RAN, PEIPEI; Bai, Mengchao; Liu, Xiao; Githinji, P.Bilha; Zhao, Wei; Qin, Peiwu	External Prompt Features Enhanced Parameter-efficient Fine-tuning for Salient Object Detection
			Osa, Priscilla I; Zerubia, Josiane; Kato, Zoltan	AYANet: A Gabor Wavelet-based and CNN-based Double Encoder for Building Change Detection in Remote Sensing
			Li, Lu; Shi, Yanjiao; Yang, Jinyu; Zhou, Qiangqiang; ZHANG, Qing; Cui, Liu	Transformer-based Depth Optimization Network for RGB-D Salient Object Detection
			Das, Abhijit; Gorade, Vandana; Mahapatra, Dwarikanath; Roy, Sudipta	SEANet: Synergistic Spatial-Spectral Residual Encoder-Decoder Network for LDCT Denoising
			Gorade, Vandana; Mittal, Sparsh; Jha, Debesh; Singhal, Rekha; Bagci, Ulas	Harmonized Spatial and Spectral Learning for Generalized Medical Image Segmentation
9-D (HALL 7 - 1st Floor)	Andrej Przybyszewski	Medical image analysis	Hu, Ming; Yin, Jianfu; Wang, Jing; Wang, Yuqi; Hu, Bingliang; Wang, Quan	SpecSlice-ConvLSTM: Medical Hyperspectral Image Segmentation using Spectral Slicing and ConvLSTM
			Rather, Sajad Ahmad; Roy, Partha Pratim; Das, Sujit	Chaos Theory Based Gravitational Search Algorithm For Medical Image Segmentation
			Mahato, Anuradha; Banerjee, Paromita; Jethava, Rutvik; Duggal, Bhanu; Paul, Anshuman; Vatsa, Mayank ; Singh, Richa	PSIVUS: Atherosclerotic Plaque Segmentation in Intravascular Ultrasound Images via Active Learning
			Kulyabin, Mikhail; Sindel, Aline; Pedersen, Hilde; Gilson, Stuart; Baraas, Rigmor C.; Maier, Andreas K	Generalist Segmentation Algorithm for Photoreceptors Analysis in Adaptive Optics Imaging

13:30 - 14:30 HRS

Lunch
(Venue: 2nd Floor Foyer)

14:30 - 16:00 HRS

Poster Session 5 (with tea/coffee)
(Venue: 4th Floor Foyer)

Please find the poster paper details at the end of the schedule

16:00 - 17:30 HRS

Oral Session 10

Session Number & Venue	Session Chair	Paper Category	Authors	Paper Title
10-A (HALL 4 - Ground Floor)	Michael Jenkin	Lightweight AI	Fu, Ruigang; Hu, Qingyong; Dong, Xiaohu; Gao, Yinghui; Li, Biao; Zhong, Ping	Lighten CARAFE: Dynamic Lightweight Upsampling with Guided Reassemble Kernels
			Pons, Ian Guarim; Yamamoto, Bruno; Realí Costa, Anna Helena; Jordao, Artur	Effective Layer Pruning Through Similarity Metric Perspective
			Nauen, Tobias C; Palacio, Sebastian; Dengel, Andreas Addad, Youna; Lechervy, Alexis; Jurie, Frederic	TaylorShift: Shifting the Complexity of Self-Attention from Squared to Linear (and Back) using Taylor-Softmax
10-B (HALL 5 - Ground Floor)	George Azzopardi	Image processing and forensics	Giraud, Rémi; Clément, Michaël	Balancing Accuracy and Efficiency in Budget-Aware Early-Exiting Neural Networks
			Li, Ziqi; Guo, Yuan	Deep Spherical Superpixels
			Dukre, Adinath Madhavrao; Deshmukh, Vivek Vilas; Kulkarni, Ashutosh C; Phutke, Shruti S; Vipparthi, Santosh Kumar; Murala, Subrahmanyam; GONDE, ANIL BALAJI	A Coverless Steganography of Face Privacy Protection with Diffusion Models
10-C (HALL 6 - 1st Floor)	ABDENOUR HADID	Person recognition and affective computing	Tyagi, Divyani; Sandhan, Tushar	Frequency Modulated Deformable Transformer for Underwater Image Enhancement
			Huang, Siqiong; Zheng, Huicheng	Bandwise Attention in CycleGAN for fructose estimation from hyperspectral images
			Birla, Lokendra; Shukla, Sneha; Saikia, Trishna; Gupta, Puneet	Confidence-Guided Feature Alignment for Cloth-Changing Person Re-identification
10-D (HALL 7 - 1st Floor)	DANIEL LOPRESTI	Signature verification and writer identification	Zhao, Ziping; Liu, Shizhao; Niu, Mingyue; Wang, Haishuai; Schuller, Bjoern W.	HR-TRACK: An rPPG method for heartrate monitoring using Temporal Convolution Networks
			Xu, Chenyang; FAN, Feiyi; Ke, Guanzhou; Guo, Changru; Wu, Qingyu; shen, jianfei	Dense Coordinate Channel Attention Network for Depression Level Estimation from Speech
			Lin, Junxiang; Chen, Zhounan; Liang, Lingyu; Peng, Wenjie; Huang, Shuangping	Parallel Attention Based Network for Human Activity Recognition Using Wearable Devices
10-D (HALL 7 - 1st Floor)	DANIEL LOPRESTI	Signature verification and writer identification	Priya, Kumari; Adak, Chandranath; Chaudhuri, Prof. B B; Blumenstein, Michael	HANDWRITING TRAJECTORY RECOVERY VIA TRAJECTORY TRANSFORMER WITH GLOBAL RADICAL CONTEXT-AWARE MODULE
			Che, Xin; Akbari, Mohammad; Li, Shaoxin; Yue, David; Zhang, Yong; Chu, Lingyang	Handwriting Intra-Variability Across Surface Transitions: Implications for Writer Identification
			Moura, Keicia G; Saboun, Robert	Primary Key Free Watermarking for Numerical Tabular Datasets in Machine Learning
				Offline Handwritten Signature Verification Using a Stream-Based Approach

17:30 - 18:00 HRS

Valedictory
(Venue: HALL 7 - 1st Floor)

DETAILED POSTER SESSIONS

Poster Session 1				
Poster ID	Paper ID	Authors	Paper Title	
1.1	1502	Ji, Zexin*; Zou, Beiji; Kui, Xiaoyan; VERA, Pierre; Ruan, Su	Self-Prior Guided Mamba-UNet Networks for Medical Image Super-Resolution	
1.2	589	ibrahim, vazim; Paul, Joseph Suresh*	A Hybrid Domain Encoder-Decoder Network for Progressive k-space Extrapolation in Super-Resolution MRI	
1.3	R2-208	jiang, feng*; Wen, Jing; Wang, Yi	Dual-ResShift: Dual-input Separated Features Residual Shift Diffusion Model for CTA Image Super-resolution	
1.4	797	Chatterjee, Ankita*; Dutta, Sandip; Mukhopadhyay, Jayanta; Das, Partha Pratim	DualViT: A Hierarchical Vision Transformer for Broad and Fine Class Embeddings	
1.5	1674	Kanroo, Muhammad Suhaib*; Kawoosa, Hadia Showkat ; DHAR, JOY; Goyal,	PieExtract: An End-to-End Data Extraction pipeline for Pie-Charts	
1.6	1020	Nouyed, Mohammad Iqbal*; Hartley , Mary-Anne ; Doretto, Gianfranco; adjeroh,	Efficient Classification of Histopathology Images using Highly Imbalanced Data	
1.7	1195	Gupta, Pragya*; Mandal, Subhamoy; Guha, Debashree; Chakraborty, Debjani	Multiscale Color Guided Attention Ensemble Classifier for Age-Related Macular Degeneration using Concurrent Fundus and Optical	
1.8	408	Agarwal, Akshay*; Vatsa, Mayank ; Singh, Richa; Ratha, Nalini	Restoring Noisy Images using Dual-tail Encoder-Decoder Signal Separation Network	
1.9	1359	Grosz, Steven A*; Zhao, Rui; Ranjan, Rajeev; Wang, Hongcheng; Aggarwal,	Data Pruning via Separability, Integrity, and Model Uncertainty-Aware Importance Sampling	

1.10	1213	Setu, Jahangir Hossain; Hossain, Md Shazzad; Halder, Nabanur; Islam, Ashrafur;	Optimizing Software Release Management with GPT-Enabled Log Anomaly Detection
1.11	977	Böhm, Stefan	Advancing 3D Mesh Analysis: A Graph Learning Approach for Intersecting 3D Geometry Classification
1.12	597	Saha, Jayasree*	IPD: Scalable Clustering with Incremental Prototypes
1.13	R2-115	Chen, Xiang-Chen*; Gao, Shu; Wei, Zixuan; Liu, Baoxu; Zhang, Xu-Yao	ENS-RFMC: An Encrypted Network Traffic Sampling Method based on Rule-based Feature Extraction and Multi-hierarchical Clustering for
1.14	1248	Wang, Tung-Lin; Hsieh, Jun-Wei*; Hsieh, Yi Kuan	Patch-based Prototypical Cross-Scale Attention Network for Anomaly Detection
1.15	R2-392	Kumar, Sanjay*; Rastogi, Reshma	Addressing Multi-Label Learning with Missing Labels via Feature Relevance guided Scaled Model Coefficients
1.16	117	HEGDE, NARAYAN*; Samaga B L, Yashas; Vaswani, Ashwin; Netrapalli,	All mistakes are not equal: Comprehensive Hierarchy Aware Multilabel Predictions (CHAMP)
1.17	444	BASU, AKRABABHA*; Raha, Sourav; Gupta, Avisek; Das, Swagat	Improved Alzheimer's disease detection with Dynamic Attention Guided Multi-modal Fusion
1.18	R2-572	Oza, Aditya D*; Patel, Sanskriti; Gyanchandani, Bhavesh S.; Roy, Abhinav ;	Hybrid CNN-LSTM Framework for Enhanced Congestive Heart Failure Diagnosis: Integrating GQRS Detection
1.19	657	Roy, Santanu*; Gupta, Archit; Tiwari, Shubhi; Saha, Palak	AD-Lite Net: A Lightweight and Concatenated CNN Model for Alzheimer's Detection from MRI Images
1.20	388	Jon, Hye Jin*; Jung, Hyeontaek; Jin, Longbin; Kim, Eun Yi	Identifying Alzheimer's Disease across Cognitive Impairment Spectrum using Acoustic Features only
1.21	R2-290	Bauer, Markus*; Gurwin, Adam; Augenstein, Christoph; Franczyk, Bogdan BF;	SWJPEA: Improving Prostate Cancer Lesion Detection with Shear Wave Elastography and Joint Embedding Predictive Architectures.
1.22	R2-529	Swarnadip Chatterjee, Orcun Göksel, Nataša Słodje, and Joakim Lindblad	Detection of extremely sparse key instances in whole slide cytology images via self-supervised one-class representation learning
1.23	R2-352	Joseph, Nirmai*; George, Sudhish; M. Dr. Ameer P.; Raja, Kiran	AdaSVAT: Adaptive Singular Value Thresholding for Adversarial Detection in Fundus Images
1.24	R2-500	Elkhouly, Abdelrhman; AlKasas, Ahmed; Saleh, Gehad ; Shehata, Mohamed*;	A New AI System for Precise Grading of HCC Based on Analyzing DW-MRI Radiomics and Alpha-fetoprotein as Liver Cancer Clinical Marker
1.25	406	Yavuz, Mehmet Can*	Policy Gradient-Driven Noise Mask
1.26	558	Lozupone, Gabriele; Nardone, Emanuele; Pace, Cesare Davide; D'Alessandro,	Transformers and CNNs in Neurodiagnostics: Handwriting Analysis for Alzheimer's Diagnosis
1.27	R2-288	Xu, Pin; Xiao, Xiongjiang; Yuen, Weimin; Li, Yanyi; Li, Kuan; Yin, Jianping*	Synthetic Images with Dense Annotations and Ensemble Learning for DFU Segmentation
1.28	1079	Aithal, Ninad *; Bhattacharya, Debanjali; Sinha, Neelam; Issac, Thomas Gregor	Leveraging Persistent Homology for Differential Diagnosis of Mild Cognitive Impairment
1.29	290	Dey, Samiran*; Kundu, Bijon; Basuchowdhuri, Partha; Saha, Sanjoy K;	A fast domain-inspired unsupervised method to compute COVID-19 severity scores from lung CT
1.30	918	Weinberger, Patrick*; Fröhler, Bernhard BF; Heim, Anja; Gall, Alexander;	Applying layer-wise relevance propagation on U-Net architectures
1.31	R2-570	Chowdhury, Pathikreeta; Srivastava, Gargi*	Enhanced Classification and Segmentation of Brain Tumors in MRI Images Using Custom CNN and U-Net Models with XAI
1.32	1178	Kumar, Sandhya; Vilvadrath, Varun ; Bhatt, Jignesh S.*; Phophalia, Ashish	Visualizing Dynamics of Federated Medical Models via Conversational Memory Elements
1.33	404	Deng, Bowen*; Hua, Yang; Zhang, Wenjie; Song, Xiaoning; Wu, Xiao-Jun	DRIVPocket: A Dual-stream Rotation Invariance in Feature Sampling and Voxel Fusion Approach for Protein Binding Site Prediction
1.34	100	BAPPY, D M*; Kang, Donghua; Lee, Jinkyu; Lee, Youngmoon; Koo, Minsuk; Baek,	Specular Region Detection and Covariant Feature Extraction in Endoscopy Imaging
1.35	779	Li, Zhuocheng; Shen, Xizhu; Luan, Simin; Guo, Shuwei SW; Boukheres, Zeyd;	Moiré Pattern Detection: Stability and Efficiency with Evaluated Loss Function
1.36	418	Yang, hanjin*; Li, Feng	6-DOF motion blur synthesis and performance evaluation of object detection
1.37	R2-518	Nguyen, Thanh Trung; Nguyen, Thanh Tien; Longmuir, Martin; Elyan, Eyad; Dang,	A novel ensemble aggregation method based on Deep Learning representation
1.38	1116	Sureshty, Hima Varshini; Gottimukkala, Sarayu Varma; Prabhakar, Priyanka; PATI,	Predicting Judgement Outcomes from Legal Case File Summaries with Explainable Approach
1.39	248	Singh, Ankit; Chakraborty, Shayok	Knowledge Distillation in Deep Networks under a Constrained Query Budget
1.40	R2-265	Hondru, Vlad; Ionescu, Radu Tudor	Towards Few-Call Model Stealing via Active Self-Paced Knowledge Distillation
1.41	473	Pal, Ratnabali; Kar, Samarjit; Sekh, Arif Ahmed	Customizable and Programmable Deep Learning
1.42	943	Pathak, Prakrit; Rana, Prashant Singh	Comparative Analysis Of Pretrained Models for Text Classification, Generation and Summarization : A Detailed Analysis
1.43	R2-160	Patel, Jyoti ; Mandal, Soumen; Bhattacharyya, Malay	Judgment Analysis in a Streaming Setting Incurring Logarithmic Space of the Annotators
1.44	197	Zhou, Yuxian; Yue, Xiaodong; Chen, Yufei; Xie, Shaorong	Deep Evidential Active Learning with Uncertainty-Aware Determinantal Point Process
1.45	280	Upadhyay, Vishvajet; Paul, Anghsuman	Adaboost: An Adaptive Trading Bot using an Ensemble of Phase-specific Few-shot Learners to Adapt to the Changing Market Dynamics
1.46	399	Trinh, Hoang-Hiep	Uncertainty in Ambiguity of Data
1.47	454	Rahmati, Amir Hossein; Fan, Mingzhou; Zhou, Ruida; Urban, Nathan; Yoon, Byung-	When Uncertainty-based Active Learning May Fail?
1.48	1547	Sharma, Tilak; Ratha, Nalini	Privacy-Preserving Ensemble Learning using Fully Homomorphic Encryption
1.49	80	Lyu, Zongyao; Beksi, William	Semi-Supervised Variational Adversarial Active Learning via Learning to Rank and Agreement-Based Pseudo Labeling
1.50	494	Mandalika, Sriram; Nambiar, Athira	SeqXAL: Explainable Active Learning for semantic segmentation in driving scene scenarios
1.51	826	yuan, nui; Yuan, Chun	AMC-CA: Adaptable Multi-Scale Convolutional Networks with Optimized Attention for Temporal Action Localization
1.52	R2-120	Bisno, Manuele; Hassan, Hafiz Ahmed	An extension of Random Forest Clustering schemes which works with partition-level constraints
1.53	81	Zhu, Jian; Yuan, Yu-Ping; Chang, Jingfei; Sun, Wenhui; Wan, Hui; Long, Jian; Luo,	Deep Prompt Multi-task Network for Abuse Language Detection
1.54	786	Liu, Jianhao; Gong, Wenjuan; Shi, Tingbo; Li, Kechen; Jin, Yi; Gonzalez, Jordi	FedSOKD-TFA: Federated Learning with Stage-Optimal Knowledge Distillation and Three-Factor Aggregation
1.55	R2-178	MECHACHE, Abderrahim; Kshedducci, Hamamache	Enhancing Protein Classification with Graph Convolutional Neural Networks
1.56	1158	Pastorino, Martina; Moser, Gabriele; Guerra, Fabien; Serpico, Sebastiano; Zerubia,	Probabilistic Fusion Framework Combining CNNs and Graphical Models for Multiresolution Satellite and UAV Image Classification
1.57	1197	DAS, NABAJOYTI; Borliew, Amos; Patra, Dr. Swamajyoti;	PoISAR Image Classification Using Superpixel Profile and CNN
1.58	R2-636	Alshammari, Khaznat; Hamdi, Shah Muhammad; Filali Boubrahimi, Soukaina	Transformer Model for Multivariate Time Series Classification: A Case Study of Solar Flare Prediction
1.59	870	Roy, Debapriya	An Approach Towards Learning K-means-friendly Deep Latent Representation
1.60	1391	Hossainzadeh, Pouya; Filali Boubrahimi, Soukaina; Hamdi, Shah Muhammad	FAT-LSTM: A Multimodal Data Fusion Model with Gating and Attention-Based LSTM for Time-Series Classification
1.61	417	Li, Xinying; Xiao, Jianli	FPMT: Enhanced Semi-Supervised Model for Traffic Incident Detection
1.62	646	Serrano Antón, Belén*; Rehman, Mubashara; Martinel, Niki; Avanzo, Michele;	MAR-DTN: Metal Artifact Reduction using Domain Transformation Network for Radiotherapy Planning
1.63	101	BAPPY, D M*; Kang, Donghua; Lee, Jinkyu; Lee, Youngmoon; Koo, Minsuk; Baek,	Advanced Endoscopy Imaging with Automatic Feedback
1.64	102	BAPPY, D M*; Kang, Donghua; Lee, Jinkyu; Lee, Youngmoon; Baek, Hyeongboo	Deep Prior Based Limited-Angle Tomography
1.65	419	Amoros, Mario; Curado, Manuel*; vicent, Jose	CTxenseFusion: Advanced Texture Transfer with Multi-Head Attention for Improving Lung CT Super Resolution
1.66	R2-579	Shah, Arth Juhl*; Suthar, Manish ; Patil, Hemant	Multi-Block U-Net for Wind Noise Reduction in Hearing Aids
1.67	1215	Das Chakladar, Debashis*, Shankar, Anand M R; Simistira Liwicki, Fotinei; Barma,	Attention Dynamics: Estimating Attention Levels of ADHD using Swin Transformer
1.68	274	Ahmed, Md Kaisar*; Yeasin, Mohammed	MU-Net: Modified U-Net for Precise Localization and Segmentation of Lumbar-Spine Regions from Sagittal Views
1.69	1062	Acharjee, Raktim*; Ahamed, Dr. Shaik Rafi	EEG Data Augmentation using Generative Adversarial Network for Improved Emotion Recognition
1.70	583	Balaha, Hossam Magdy*; Ali, Khadiga Mohamed; Gondim, Dibson; Ghazal,	Harnessing Vision Transformers for Precise and Explainable Breast Cancer Diagnosis
1.71	1398	Tangudu, Venkata Santhosh Kumar*; Kakarla, Dr Jagadeesh; Kumar, Bala	CycleGAN based bone suppression techniques for standard CXR images
1.72	R2-368	Sonawane, Yash S; H.Kolekar, Maheshkumar; Yadav, Agnesh Chandra*; Kadam,	DCRUnet++: A Deepwise Convolutional Residual Unet++ Model for Brain Tumor Segmentation
1.73	1203	BALA KRISHNA, THUNAKALA; Poreddy, Ajay kumar reddy; Gnapika Sindhu,	Automated maternal fetal ultrasound image identification using a hybrid vision transformer model
1.74	952	Portal, Nicolas*; Dietenbeck, Thomas; Khan, Saud; Nguyen, Vincent; Prigent,	Learning to estimate motion between non-adjacent frames in cardiac Cine MRI data: a fusion approach
1.75	1404	Khaled, Afifa*	BCN: Batch Channel Normalization for Image Classification
1.76	1642	Siddhad, Gourav*; Roy, Partha Pratim; Kim, Byung-Gyu	Neural Networks Meet Neural Activity: Utilizing EEG for Mental Workload Estimation
1.77	1613	Pandey, Vishal*; Panwar, Nikhil; Kumbhar, Atharva; Roy, Partha Pratim; Iwamura,	Enhanced Cross-Task EEG Classification: Domain Adaptation with EEGNet
1.78	R2-463	Siddhad, Gourav*; Dey, Sayantan ; Roy, Partha Pratim	DrowEE-G-Mamba: Leveraging EEG and State Space Models for Driver Drowsiness Detection
1.79	R2-505	BOLLU, THARUN KUMAR REDDY*; PAREKATTIL, ADARSH V; Varun,	EEG-based Reaction Time Prediction using Covariance 2D Convolutional Neural Network
1.80	1192	Kotra, Venkata Satwik ; Guha, Ralalkshmi; Chakrabarti, Partha P	Hierarchical Classification of Frontotemporal Dementia Subtypes Utilizing Tabular-to-Image Data Conversion with Deep Learning Methods
1.81	R2-493	DHAR, JOY*; Rana, Kapil; Goyal, Puneet	Uncertainty-RFA-Net: Uncertainty Aware Robust Information Fusion Attention Network for Brain Tumors Classification in MRI Images
1.82	512	Oza, Aditya D*; Patel, Sanskriti; Kumar, Santosh; Shrivastava, Abhishek	Advanced Framework for Early Congestive Heart Failure Detection Using Electrocardiogram Data and Ensemble Learning Models
1.83	R2-612	Sharafeldien, Ahmed*; Balaha, Hossam Magdy; Mahmoud, Ali; Khaled, Reem ;	A Multimodal MRI-based Framework for Thyroid Cancer Diagnosis using eXplainable Machine Learning
1.84	1214	Gu, Yunrui*; Kong, Cong; yin, zhaoxia; Li, Qingli; Wang, Yan	Medical Image Classification Attack Based on Texture Manipulation
1.85	R2-142	Hu, Jianshan*; Wu, Cong; Xu, Tianyang; Wu, Xiao-Jun; Kittler, Josef	Spatio-Temporal Domain-Aware Network for Unsupervised Skeleton-based Action Recognition
1.86	758	Shi, Dongzi*; Zhang, Xin; Cheng, Jiale; Xiong, Tong; Ni, Hao	Adaptive Global Gesture Paths and Signature Features for Skeleton-based Gesture Recognition
1.87	R2-448	Qiu, Yihui*; Rajan, Deepu	Improving Temporal Action Segmentation and Detection with Hierarchical Task Grammar
1.88	1382	Al-Saad, Mohammad Z*; Bhandarkar, Suchendra M.; Ramaswamy, Lakshmi M	JS-Siamese: Generalized Zero Shot Learning for IMU-based Human Activity Recognition
1.89	1528	Haque, Syed Tousifur *; Ni, Jianyuan; Li, Jingcheng; Yan, Yan; Ngu, Anne H	LightHART: Lightweight Human Activity Recognition Transformer
1.90	R2-124	Ray, Lala Shakti Swarup*; Geißler, Daniel; Liu, Mengxi; Zhou, Bo; Suh, Sungho;	ALS-HAR: Harnessing Wearable Ambient Light Sensors to Enhance IMU-based HAR
1.91	673	Osman, Nada*; Torki, Marwan	Temporal Divide-and-Conquer Anomaly Actions Localization in Semi-Supervised Videos with Hierarchical Transformer
1.92	R2-625	Feng, Miao*; Meunier, Jean	Hybrid Human Action Anomaly Detection based on Lightweight GNNs and Machine Learning
1.93	697	Qiao, Tanqiu; Li, Ruochen; Li, Frederick W. B.; Shum, Hubert P. H.*	From Category to Scenery: An End-to-End Framework for Multi-Person Human-Object Interaction Recognition in Videos
1.94	864	Kitfanyani, Usfita; Lee, Seungkyu*	Joint-Temporal Action Segmentation via Multi-Action Recognition
1.95	R2-370	Singh, Himanshu*; Dey, Avijit; Subudhi, Badri N.; Jakhethiya, Vinit	Project and Pool: An Action Localization network for localizing actions in Untrimmed Videos
1.96	788	Trehan, Shubham; Aakur, Sathyanarayanan N*	Self-supervised Multi-actor Social Activity Understanding in Streaming Videos
1.97	123	Ahmad, Niaz*; Ullah, Saif; Khan, Jawad; Choi, Chanyeok; Lee, Youngmoon	HAPtics: Human Action Prediction in Live via Pose Kinematics
1.98	1316	Narwade, Pradeep; Kawamura, Ryoosuke*; Galbhiye, Gaurav; Niinuma, Koichiro	Synthetic Video Generation for Weakly Supervised Cross-Domain Video Anomaly Detection
1.99	347	Strohmer, Julian*; Kampel, Martin	On the Generalization of WiFi-based Per-person-centric Sensing in Through-Wall Scenarios
1.100	957	Text-Enhanced Zero-Shot Action Recognition: A training-free approach	
1.101	R2-613	Bosetti, Massimo*; Sibilla, Takashi; Benedetta, Zara; Giacomo;	Text-Enhanced Zero-Shot Action Recognition: A training-free approach
1.102	1172	Babazaki, Yasunori*; Shibata, Takashi; Takahashi, Toru	Open-Vocabulary Spatio-Temporal Action Detection by Enhancing Context-Relation Capability of Vision-Language Models
1.103	1326	Jiang, Yuru; Lyu, Shuilong; Zhan, Hongjian; Lu, Yue	RSTAN: Residual Spatio-Temporal Attention Network for End-to-end Human Fall Detection
1.104	R2-409	chen, weiliao*; Xu, Wanru; Miao, Zhenjiang	Hypergraph Self-Attention and Channel Topology Specialization Network for Automatic Segmentation of Labanotation
1.105	320	Basak, Suvramanya; Vaishy, Aditya; Gautam, Anjali*	Multi-Teacher Importance Preserving Knowledge Distillation for Early Violence Recognition
1.106	893	Mucha, Viktor*; Wray, Michael; Kempf, Martin	SHARP: Segmentation of Hands and Arms by Range using Pseudo-Depth for Enhanced Egocentric 3D Hand Pose Estimation and Action
1.107	1385	Qian, Weiwen; Huang, Qian*; Li, Chang; Chen, Zhongqi; Mao, Yingchi	EchoGCN: An Echo Graph Convolutional Network for Skeleton-Based Action Recognition
1.108	241	Misra, Debjoyoti*; Sandhan, Tushar	Robust Leaf Detection using Shape Priors within Smaller Datasets
1.109	R2-621	Tian, Yi*; Andrade-Cetto, Juan	SDformerFlow: Spiking Neural Network Transformer for Event-based optical flow
1.110	615	Adhikarla, Eashan*; Zhang, Kai; VidalMata, Rosaura G; Aithal, Manjushree; AM,	Unified-Egformer: Exposure Guided LightWeight Transformer for Mixed-Optical Image Enhancement
1.111	961	Rahman, Muhammad Rameez Ur*; Girakdo, Jhony H.; Spinelli, Indro; Lathulière,	OVOSE: Open-Vocabulary Semantic Segmentation in Event-Based Cameras
1.112	301	Yuan, Honghui; Yanai, Keiji*	Font Style Translation in Scene Text Images with CLIPstyle
1.113	168	Peer, Marco*; Sablatinig, Robert; Serbaeva, Olga; Marthot-Santaniello, Isabelle	KaiRacters: Character-level-based Writer Retrieval for Greek Papyrus
1.114	932	Weng, Yu; YE, Xuming; Xing, Tianjiao; Liu, Zheng; Wang, chaomirong; Liu, Xuan	Facet-Aware Multimodal Summarization via Cross-modal Alignment
1.115	185	Zhang, Weijia*; Huang, Jia-Hong; Vakulenko, Svetlana; Xu, Yumo; Rajapakse,	Beyond Relevant Documents: A Knowledge-Intensive Approach for Query-Focused Summarization using Large Language Models
1.116	1711	Gurav, Aniket Anand; C Krishnan, Narayanan; Chanda, Sukalpa	Word-Diffusion: Diffusion-Based Handwritten Text Word Image Generation
1.117	736	Agrawal, Vaibhav; Vadlamudi, Niharika*; Joseph, Amal; Waseem, Muhammad;	LineTR: Unified Text Line Segmentation for Challenging Palm Leaf Manuscripts
1.118	R2-101	Assaker, Joseph*; Heutte, Laurent; Nicolas, Stephane	Learning-Based Sub-Image Retrieval in Historical Document Images
1.119	1171	Xi, Xiangyu*; Gao, Liangcai; Zhou, Yuxuan	ODT: Transformer Integrating OCR Auxiliary Map and Image Depth Information for Document Image Unwarping
1.120	R2-614	Scius-Bertrand, Anna*; Jungo, Michael; Vöggtin, Lars; Spat, Jean-Marc; Fischer,	Zero-Shot Prompting and Few-Shot Fine-Tuning: Revisiting Document Image Classification Using Large Language Models
1.121	R2-545	Shah, Shivalek Rk; Vatsa, Mayank *	Enhancing Quantum Diffusion Models with Pairwise Bell State Entanglement
1.122	R2-608	Zhou, Xinyue; Jiang, Nanfeng*; Wang, Da-Han; Zhang, Xu-Yao; Zhu, Shunzhi	DocFormer: Document Image Dewatering via Harmonized Modelling of Hierarchical Priors
1.123	1564	Li, Guanting; Jiang, Nanfeng*; Wang, Da-Han; Zhang, Xu-Yao; Zhu, Shunzhi	Document Image Shadow Removal via Frequency Information-oriented Network
1.124	1345	Madi, Boraq*; Naameh, Said; Atmani, Nour	Detecting Spiral Text Lines in Aramaic Incantation Bowls
1.125	1696	Théodose, Ruddy*; Burie, Jean-Christophe	VisEmoComic*: Visual Emotion Recognition in Comics image
1.126	R2-222	Davila, Kenny*; Lazarus, Ruppak; Xu, Fei; Rodriguez Alcántara, Nicole; Settur,	CHART-info 2024: A dataset for Chart Analysis and Recognition
1.127	1061	Lee, Jiseok*; Akiba, Masaki; Iwana, Brian K	Improving Online Handwriting Recognition with Transfer Learning Using Out-of-Domain and Different-Dimensional Sources
1.128	1271	SAMANTA, PIYUSH KANTI*; Biswas, Samit	AIO-HB: A Handwritten Text Image Dataset of Hindi and Bengali Indian scripts for Handwritten Text Recognition
1.129	730	Mondal, Ajoy*; Jawahar, C.V.	Unconstrained Camera Captured InOffice Handwritten Dataset
1.130	R2-100	BADE-LAT: Efficient Local Attention Transformer for Chinese Named Entity Recognition with Boundary and LLM-based Data Augmentation	
1.131	R2-82	Zhao, Runbo*; Ou Yang, Jun Jie; Gao, Chen; Qin, Xugong; Zeng, Gangyan; Hu,	Perception-Enhanced Generative Transformer for Key Information Extraction from Documents
1.132	179	Lin, Zening*; Wang, Jiapeng; Liao, Wenhui; Dai, Weicong; Xiong, Longfei; Jin,	ROISER: Towards Real World Semantic Entity Recognition from Visually-rich Documents
1.133	363	Zhang, Bin; Zou, Chaofan*; Song, Wenwen	FTC: A Novel Triplet Classification Model for Joint Entity and Relation Extraction
1.134	R2-629	Zhang, Liang; Zheng, Nan*	H2O2Net: A Novel Entity-Relation Linking Network for Joint Relational Triple Extraction
		Bhesra, Kirtilekha; Agarwal, Akshay*	A Multi-Modal Framework to Counter Hate Speeches

1.135	814	Kong, Cong*; Chen, Jiawei; Yin, Xiaohai; Tan, Shunquan; Zhang, Xinpeng	Securing LLMs for EaaS: A Backdoor Watermarking Approach for Copyright Protection
1.136	1207	Sultana, Faria*; Hasan Fuad, Md Tahmid; Fahim, Md; Rahman, Rahat Rizvi;	How Good are LM and LLMs in Bangla Newspaper Article Summarization?
1.137	R2-167	Zhang, Fengrun*; Xie, Xiang; Guo, Kai	ASD-Diffusion: Anomalous Sound Detection with Diffusion Models
1.138	921	Tegler, Erik*; Åström, Kalle; Ekström, Magnus	SUNET: Enhancing Time Delay Estimation by Leveraging Simulated Audio
1.139	202	Yue, Haobo; Zhang, Zhicheng*; Mu, Da; Dang, Yonghao; Yin, Jianqin; Tang, Jin	Full-frequency dynamic convolution: a physical frequency-dependent convolution for sound event detection
1.140	959	Deshpande, Gauti*; Bjoern Schuller, Prof. Dr.	The Effect of Lung Volume on Glottal Parameters - An Empirical Study
1.141	1372	Pusuluri, Aditya*; Patil, Hemant	Linear Frequency Residual Cepstral Features for Dysarthria Severity Classification
1.142	R2-589	Purohit, Ravindrakumar M.*; Srivastava, Arushi; Patil, Hemant	FC-HiFiGAN: Aggrandizing Faster Convergence with Batchwise Normalization for Audio Synthesis
1.143	R2-7	Kopparapu, Sunil Kumar*; Panda, Ashish	A cost minimized approach to fix the vocabulary size in a tokenizer for an End-to-End ASR system
1.144	929	Paul, Subhaji*; Gupta, Ashutosh	Image Guided DEM Super-resolution using Frequency Selective Hybrid Graph Transformer and Discriminative Spatial Attention based Sinhorn
1.145	R2-356	Lee, Young-Woon; Aisha, Qurat Ul Ain; Kim, Byung-Gyu*	Pixel Embedding for Fractional Interpolation in Video Coding
1.146	892	Wang, Ningzhi*; Shi, Hanyi; Zeng, LingBin; Ruan, Wenna	Image Super-Resolution with Multi-Scale Hybrid Attention
1.147	R2-556	Surapaneni, Yogesh*; Bhagvati, Chakravarthy	Scene Text Image Super-Resolution with CLIP Prior Guidance
1.148	711	Li, Peishan*; zhang, yonghong; Wang, Junfei; Ma, Guangyi	Enduring Memory Self-Learning Multi-Level Transformer Network for Remote Sensing Image Super-Resolution
1.149	R2-47	Li, Peishan*; zhang, yonghong; Wang, Junfei; Ma, Guangyi; Yuan, Ziwei	Adaptive Enhanced Reversible Flow Model for Remote Sensing Image Super Resolution
1.150	871	Liu, Yun*; Tang, Tong; Zhu, Zhiyuan; Ying, Jun	Local and Global Features Fusion for No-Reference Quality Assessment of Super-Resolution Images
1.151	R2-106	Cao, Qian; Zhang, Dongdong*; Zhang, Xiaolei	Saliency-based Neural Representation for Videos
1.152	R2-143	Cheng, Xinyuan*; Zhang, Dongdong; Zhang, Xiaolei	HNRC: Lightweight Image Compression with Hybrid Neural Representation
1.153	276	Jin, Shaohui; Zhang, Wenhao; Liu, Hao; Wang, Huimin; Cui, Shuang; Xu,	Long-Wave Infrared Non-Line-of-Sight Imaging with Visible Conversion
1.154	549	Kumar, Mehul; Sharma, Aditya; Mukherjee, Prerana*; Jerripothula, Koteswar Rao	CMAEH: Contrastive masked autoencoder based hashing for efficient image retrieval
1.155	1707	Jun, ding; Ubui, Kurban*; Aysa, Alimjan	Oracle bone inscription image retrieval based on improved ResNet network
1.156	1105	Obikane, Shun*; Tagawa, Haruna; Aoki, Yoshimitsu	Unsupervised Metric Learning for Expressing Color and Shape Information to Uncover Abstract Connections within Image Datasets
1.157	1580	Sohn, Jimin*; Jung, Haeji; Yan, Zhwen; Masti, Vibha; Li, Xiang; Raj, Bhiksha	Fashion Image Retrieval with Occlusion
1.158	660	Fu, Zujun*; Lai, Hanjiang; Pan, Yan	Long Tailed Hashing with Wasserstein Quantization
1.159	402	Zhang, Shuming*; Wu, Xiao-Jun; Xu, Tianyang; Zhang, Donglin	Novel Clustering Aggregation and Multi-Grained Alignment for Image-Text Matching
1.160	1374	Misra, Debojyoti*; Goel, Suryansh; Sandhan, Tuskar	Ensembling YOLO and ViT for Plant Disease Detection
1.161	1350	Huang, Tai-Ming; Han, Yue-Hua; Chu, Ernie; Lo, Shu-Tzu; Hua, Kai-Lung; Chen,	Generalized Image-based Deepfake Detection through Foundation Model Adaptation
1.162	R2-462	Zakam, Joh; Jayaraman, Dr. Umairani*; Rattani, Ajita; Sahayam, Subin	CoDeIT: Contrastive Data-efficient Transformers for Deepfake Detection

Poster Session 2

Poster ID	Paper ID	Authors	Paper Title
2.1	133	Liu, Yang; Ji, Yantao; Xiao, JiaHua; Guo, Yu*; Jiang, Peilin; Yang, Haiwei; Wang,	Spectral Aggregation Cross-Square Transformer for Hyperspectral Image Denoising
2.2	R2-567	Wu, Ziyu*	Nonlinear progressive denoising: a universal regularized denoising strategy for low PSNR images
2.3	1054	Lohani, Lalit ; Thakare, Kamalakar Vijay*; Nayak, Kamakshya Prasad; Dogra, Debi	Pedestrian Attribute Recognition using Hierarchical Transformers
2.4	R2-481	Cheng, Yu; Li, Bo*; Jia, Penghao; Ning, Aoxiang; He, Jinhong	Multidimensional Cross-Reconstructed Networks for Few-Shot Fine-Grained Image Classification
2.5	R2-121	van Rooij, Sabina B*;	Guided SAM: Label-Efficient Part Segmentation
2.6	R2-64	Ghosh, Banibrata*; Harikumar, HariPriya; Doan, Khoa D.; Venkatesh, Svetha; Rana,	Composite Concept Extraction through Backdoor
2.7	451	Uniyal, Abhishek; Mandal, Bappaditya*; Puhon, Niladri B; Bera, Padmalochan	Interpretative Attention Networks for Structural Component Recognition
2.8	1270	Masumura, Ryo*; Takashima, Akhiko; Suzuki, Satoshi; Onhashi, Shota	Born-Again Multi-Task Self-Training for Multi-Task Facial Emotion Recognition
2.9	263	Hao, Jiayi; Feng, Yulin; Li, Wenbin; Luo, Liebo*	Rare Fungi Image Classification Based on Few-Shot Learning and Data Augmentation
2.10	1096	Shaik Maqbool Hussain, Kamal Basha, Nambiar, Athira*	S3Simulator: A benchmarking Side Scan Sonar simulator dataset for Underwater Image Analysis
2.11	823	Xiang, Minrui*; Xu, Tianyang; Wu, Xiao-Jun	Harmonizing Regression-Classification Inconsistency for Task-Specific Decoupling in Underwater Object Detection
2.12	811	Xiao, Jianqiang*; Guo, Weiqun; Liu, Junfeng; Li, Mengze	Generalization Gap in Data Augmentation: Insights from Illumination
2.13	R2-417	Hendrix, Rutger R*;	Evidential Federated Learning for Skin Lesion Image Classification
2.14	719	Jiang, Hao*	LIDU-Depth: A Lightweight Self-supervised Depth Estimation Model featuring Dynamic Upsampling and Triplet Loss Optimization
2.15	R2-381	lan, haosheng; Ou, Jie; Wang, Zhaokun; Xie, Yuanlun; Wenhong, Tian*	Improving Chinese Emotion Classification based on Bilingual Feature Fusion
2.16	R2-422	P. P. AFEERA*, Das, Dr. Pranesh, P. P. AFEERA	Enhancing Automated Short Answer Grading with Prompt-Driven Augmentation and Prompt Adaptive Oversampling
2.17	R2-118	Guan, Wentao*; Li, Xiaojian; Lu, Jiyu; Zhou, Jun	Ed: A Voting-Based Paradigm for Enhancing Retrieval Augmented Generation
2.18	606	Kaushik, Arjun Ramesh *; Ramneedes Pushparaj, Sunil Rufus; Ratha, Nalini	Enhancing Authorship Attribution through Embedding Fusion: A Novel Approach with Encoder-Decoder Language Models
2.19	350	Garcia, Cristiano*; Lameiras Koerich, Alessandro; Britto, Alceu; Barddal, Jean Paul	Improving Sampling Methods for Fine-tuning SentenceBERT in Text Streams
2.20	837	Popoz, Ana Cristina; Nechita, Maria Ilinca; Ionescu, Radu Tudor*	PoPreRo: A New Dataset for Popularity Prediction of Romanian Reddit Posts
2.21	325	Patra, Mumun; Dey, Eshita; Ghosh, Krishnendu*	Enhancing Bengali TTS Synthesis through Transformer-driven Text Normalization
2.22	1057	Agarwal, Akshay*; Uzair, Mohammed	Robustness of Classifiers for AI-Generated Text Detectors For Copyright and Privacy Protected Society
2.23	R2-405	Kulyabin, Mikhail*; Sokolov, Gleb; Galaida, Aleksandr *; Maier, Andreas K; Arias-	SNOBERT: A Benchmark for clinical notes entity linking in the SNOMED CT clinical terminology
2.24	182	Hu, Yuxuan; Zhang, Chenwei; Yang, Min; Liang, Xiaodan; Li, Chengming; Hu,	Learning to Generalize Unseen Domains via Multi-Source Meta Learning for Text Classification
2.25	R2-201	Liu, Zhaoxi*; Zhou, Gang; He, Runlin; Zhang, Mengnan; Jia, Zhenhong; Ma, Jing	CLIP-DBNet: A Two-Branch Image-Adaptive DBNet for Scene Text Detection in Real-World Foggy Scenes
2.26	243	Hsieh, Wei Chun*; Hsu, Gee-Sern; CHEN, JUN-YI; Yap, Moi Hon; Chao, Zi-Chun	Contour-guided Context Learning for Scene Text Recognition
2.27	1557	Jiang, Luyu*; Shi, Shaoliang; Huang, Wenhui; Xu, Zhengqi; Co, Vinh Lo; Wen,	Vietnamese Scene Text Detection via Edge Information and Text Region Feature Enhancement
2.28	1240	Das, Alloy; Biswas, Sankeet*; Pal, Umapada; Lados, Josep; Bhattacharya, Saumik	FastTextSpotter: A High-Efficiency Transformer for Multilingual Scene Text Spotting
2.29	R2-310	Djaffal, Souhaila*; Benmabrouk, Yasmina; Djeddi, Chawki; Diaz, Moises	Breaking Boundaries: Enhancing Script Identification Using a Learnable MULLER Resizer
2.30	1198	Halder, Arnab; Palaiiahakote, Shivakumara*; Pal, Umapada; Blumenstein,	A New Hour Glass Network for Detecting Text in Shaky and Non-Shaky Video Frames
2.31	1746	Wang, Dong; Eli, Elham; Ubui, Kurban*; Aysa, Alimjan ; Xu, Xuebin; Mamat,	Scene Uyghur text detection based on adaptive feature fusion
2.32	R2-514	Lin, Chao-Qun; Wang, Da-Han*; Su, Yanfei ; Ge, de-wu; Zhang, Xu-Yao	OCR4HSV: A Multi-Task Learning Approach for Handwritten Signature Verification
2.33	1441	Majid, Taiba *; Amerini, Irene	Audio Deepfake Detection: A Continual Approach with Feature Distillation and Dynamic Class Rebalancing
2.34	1545	Ganguly, Rajsheshwar; Bah, Mamaduo Dian; Dahmane, Mohamed*	Diffusion Models as a Representation Learner for Deepfake Image Detection
2.35	866	Pontorno, Orazio*; Guarnera, Luca; Battiato, Sebastiao	DeepFeatureX-Net: Deep Features eXtractors based Network for discriminating synthetic from real images
2.36	R2-224	Tang, Zhenchen; Wang, Zichuan*; Peng, Bo; Dong, Jing	CLIP-AGIQ: Boosting the Performance of AI-Generated Image Quality Assessment with CLIP
2.37	1109	Fujitomi, Taku*; Sogi, Naoya; Shibata, Takashi; Terao, Makoto	Task Success Classification with Final State of Future Prediction for Robot Control Planning
2.38	R2-289	Wang, Zhaoyang*; Wang, Shuo	Online Automated Imbalance Learning via Adaptive Thompson Sampling
2.39	411	Barnhill, Alexander*; Towers, Jared; Noeth, Elmar ; Maier, Andreas K; Bergler,	Utilizing Deep Incomplete Classifiers To Implement Semantic Clustering For Killer Whale Photo Identification Data
2.40	R2-328	Banerjee, Pradipta K*	Phase-Encoded Cascaded Autoencoders based Correlation filters and Adaptive Thresholding
2.41	800	jain, sambhav*; Rastogi, Reshma	Establishing Interconnections of Similarity-based Classifiers for Multi-label Learning with Missing Labels
2.42	690	Rastogi, Reshma*; Bhattarai Lamslam, Mamta	Adaptive Graph-based Manifold Learning for Gene Selection
2.43	964	Cilia, Nicole Dalia*; Fanara, Giovanni; Conti, Vincenzo	Feature selection voting strategies and hyperparameter tuning in a boosting classification
2.44	1362	Li, Jiaxuan*; Zhu, Tong; Zhu, Xiaoyan; Wang, Jiayin	Label-Specific Multi-Label Classification with Entropy Guided Clustering
2.45	1773	Chalthra*; Mohan, Biju R; Sharma, Priyanshu	Machine Learning Solutions for Predicting Bankruptcy in Indian Firms
2.46	R2-573	Rastogi, Reshma*; Nirwal, Dev	Hypergraph regularized Semi-supervised Least Squares Twin Support Vector Machine for Multilabel Classification
2.47	807	Akhtar, Mushir; Tanveer, M*; Arshad, Mohd	GL-TSVM: A robust and smooth twin support vector machine with guardian loss function
2.48	500	Hou, Jian*; Ge, Juntao; Yuan, Huaqiang; Pellilo, Marcello	Enhancing Graph-based Clustering Based on the Regularity Lemma
2.49	R2-279	Wang, Zhaoyang*; Wang, Shuo	Zero-shot Automated Class Imbalanced Learning
2.50	431	Shaheen, Nour H*; Torki, Marwan; Elsharnoubi, Tamer M	C2F-CHART: A Curriculum Learning Approach to Chart Classification
2.51	936	Lasker, Asfuzuzaman*; Obaidullah, Sk Md; Ghosh, Midruli; Roy, Kaushik;	PulmoNetX: A Hybrid Vision Transformer Approach for Multi-scale Spatial Feature Reduction in Pneumonia Classification
2.52	1615	Goswami, Buddhadev *; Somaraj, Adithya B; Chakrabarti, Prantard; Gudi, Ravindra;	Classifier enhanced Deep learning model for Erythroblast Differentiation with Limited Data
2.53	1067	Chudzik, Artur*; Nowacki, Jerzy; Przybyszewski, Andrzej W	Recognizing Patterns of Parkinson's Disease using Online Trail Making Test and Response Dynamics - Preliminary Study
2.54	1201	Mishra, Sumit*; Swain, Srinibas	Know How Much Sensitive Precision and Recall Validity Measures Are?
2.55	1125	Wang, Xueyi X*	EGOFALLS: A visual-audio dataset and benchmark for fall detection using egocentric cameras
2.56	77	Khoshkangini, Reza*; tajgardan, mohsen; Davidsson, Paul; Jamali, Mahtab;	Hierarchical Transfer Multi-task Learning Approach for Scene Classification
2.57	R2-363	Cheng, Wei; Ye, Hongrui; Wen, Xiao; Zhang, Jiachen; Xu, JiPing; Zhang, Feifan*	Low-Resource Crop Classification from Multi-Spectral Time Series Using Lossless Compressors
2.58	256	He, Peng; Hussein, Mohamed*; Abd-Almageed, Wael	Large Multimodal Models Thrive with Little Data for Image Emotion Prediction
2.59	1457	Yadav, Prem Shanker*; Tyagi, Dinesh Kumar; Vipparthi, Santosh Kumar	Fusing Image and Text Features for Scene Sentiment Analysis using Whole-Honey Badger Optimization Algorithm (WHBOA)
2.60	284	ZHONG, LIQUN*; Zhu, Kaijie; Yang, Ge	Flatter Minima of Loss Landscapes Correspond with Strong Corruption Robustness
2.61	434	Zheng, Xiaolong; Wang, Jianming; Xiao, Zhitao; Sun, Yukuan*	Vision DualGNN: Semantic Graph Is Not Only You Need
2.62	1108	Zhang, Jiaqi; Jiang, Xiaoyi*	Regularization of Interpolation Kernel Machines
2.63	937	Garst, Swier*; Reinders, Marcel	Federated K-Means clustering
2.64	1133	Zhang, Yunfan; LUO, Xiaopeng; Chen, Qingsheng; ZOU, Rong; Zhang, Yiqun*;	Towards Unbiased Minimal Cluster Analysis of Categorical-and-Numerical Attribute Data
2.65	1307	Saibi, Hichem*	Semi-Structured Pruning of Graph Convolutional Networks for Skeleton-based Recognition
2.66	305	Chen, Binhan; Wu, Qiaojun; Chen, Song; Kang, Yi	Efficient Object Detection via Fine-grained Regularization with Global Initialization
2.67	269	Kumawat, Sudhakar*; Nagahara, Hajime	LoHoSC: Low Order High Order Style Consistency for Syn-to-Real Domain Generalized Semantic Segmentation
2.68	328	singh, aniket*; Nambodiri, Anoop	Multiscale Perturbations for Improved Image Attribution
2.69	348	Hussein, Mohamed*; Subramaniam Janakiraman, Sudharshan; Abd-Almageed,	TRIGS: Trojan Identification from Gradient-based Signatures
2.70	778	Bano, Arju; Das, Mondipal*	A Guided Input Sampling-based Perturbation Approach for Explainable AI in Image-based Application
2.71	1482	De Sousa Trias, Carl*; Milrea, Mihai Petru; Fiandrotti, Attilio; Cognazzo, Marco;	WaterMAS: Sharpness-Aware Maximization for Neural Network Watermarking
2.72	1749	Lin, Xiaowen; Ubui, Kurban*; Aysa, Alimjan	One-Shot Classification is Enough for Automatic Label Mapping
2.73	R2-41	Paul, Jayanta*; MITRA, ABHIJIT; Sanyal, Somak; Sil, Jaya	SocialFaceEvoNet: A Deep Architecture for Social Media Face Recognition and Emotion Detection Using Customized Datasets
2.74	897	Nguyen, Thi Yen*; Le, Minh-Tri; Viet, Nguyen Quoc	SCAD-Net: Spatial-Channel Attention and Depth-map Analysis Network for Face Anti-Spoofing
2.75	1023	MOHANTY, APARNA*; Roy, Kankana; Sahay, Rajiv	Hand over face gesture classification with feature driven vision transformer and supervised contrastive learning
2.76	R2-644	Dewan, Dipayan*; Manna, Asim; SRIVASTAVA, APOORVA; Borthakur, Anupam;	MeDIANet: A Lightweight Network for Large-scale Multi-disease Classification of Multi-modal Medical Images using Dilated Convolution and Unlearning Vision Transformers without Retaining Data via Low-Rank Decompositions
2.77	158	Poppi, Samuele*; Sarto, Sara; Cornia, Marcella; Baraldi, Lorenzo; Cucchiara, Rita	Real-world Coarse to Fine-Grained Source-Free Multimodal Adaptation
2.78	518	Banerjee, Anoushka*; Ganesh, Ananth	TinyConv-PVT: A Deeper Fusion Model of CNN and Transformer for Tiny Dataset
2.79	882	Zhang, Yi; Zhang, Bowen*; Yi, Kai	OPDet: Queuing People Detector for Aerial Images based on Adaptive Soft Label Assignment Strategy
2.80	1049	Yi, Kai; Su, Yi; Li, Siyng; Zhang, Yi*	Low-Rank Adaptation of Segment Anything Model for Surgical Scene Segmentation
2.81	151	Paranjape, Jay N*; Sikder, Shameema; Vedula, Swaroop; Patel, Vishal	Fusing Forces: Deep-Human-Guided Refinement of Segmentation Masks
2.82	61	Sterzinger, Rafael Johannes; Stippel, Christian; Sablatnig, Robert	TotalCT-SAM: A Whole-Body CT Segment Anything Model with Memorizing Transformer
2.83	639	ZHANG, ZHIWEI; Shen, Yiqing*	On the importance of local and global feature learning for automated measurable residual disease detection in flow cytometry data
2.84	1338	Weijler, Lisa*; Reiter, Michael; Hermosilla Casajus, Pedro; Maurer-Granosfszky,	Deep BI-RADS Network for Improved Cancer Detection from Mammograms
2.85	R2-508	Ben-Artzi, Gil*; Darqam, Feras; Mahpod, Shahar	Learning Neural Networks for Multi-label Medical Image Retrieval Using Hamming Distance Fabricated with Jaccard Similarity Coefficient
2.86	439	Manna, Asim *; Sheet, Debdoot	Multi-modal Multitask Learning Model for Simultaneous Classification of Two Epilepsy Biomarkers
2.87	385	Broti, Nawara Mahmood*; Masaki, Sawada; Takayama, Yutaro; Iijima, Keiya;	Adaptive Cross-Modal Representation Learning for Heterogeneous Data Types in Alzheimer Disease Progression Prediction with Missing Time
2.88	418	Sainarpalayam Poornivasam, Dhivyaa*; Dao, Duy-Phuong; Yang, Hyung-Jeong;	Enhancing Medical Image Analysis with MA-DTNet: A Dual Task Network Guided by Morphological Attention
2.89	89	Ghosh, Susmita*; Das, Swagatan -	Differential Diagnosis of Thyroid Tumors through Information Fusion from Multiphoton Microscopy Images using Fusion Autoencoder
2.90	1085	Kethreddy, Harshith Reddy*; A, Tejaswee; Eftimie, Lucian G.; Hristu, Radu;	MUMR: Mask-UnMask Regions Framework for AMD Grades Classification Based on Inter-Regional Interactions
2.91	R2-615	Abdelhalim, Ibrahim*; Elsharkawy, Mohamed; Nadmim, Namouna; Ghazal,	A New Attention Based UNet and Gated Edge Attention Network for Retinal Vessel Segmentation
2.92	R2-627	Roy, Ayush*; Palaiiahakote, Shivakumara*; Pal, Umapada; Chanda, Sukalpa	HFNet: High-Frequency Enhanced Network for Shape-aware Segmentation of Left Ventricle in Pediatric Echocardiograms
2.93	R2-32	Chen, Tianxiang; Wang, Ziyang; YE, ZI*	Classification of Cutaneous Diseases: A Systematic Study on Real-Time Captured Images Using Deep Learning
2.94	1239	Kanekar, Bhavik*; Sawant, Jay; Chikhale, Niti K; Dhotre, Paras; Savant, Sushil;	

2.95	1508	Breznik, Eva*; Kervadec, Hoel; Malmberg, Filip; Kullberg, Joel; Ahlström, Håkan;	Leveraging point annotations in segmentation learning with boundary loss
2.96	279	Singh, Azad*; Mishra, Deepak	IDQCE: Instance Discrimination Learning through Quantized Contextual Embeddings for Medical Images
2.97	1005	Harb, Samir F.; Ali, Asem; Yousef, Mohamed A.; Elshazly, Salwa; Farag, Aly	Colon Segmentation Using Guided Sequential Episodic Training and Contrastive Learning
2.98	912	Sorokin, Dmitry V.*; Pyatov, Vladislav	Unsupervised Feature Matching for Affine Histological Image Registration
2.99	1254	Drozdov, Nikita; Sorokin, Dmitry V.*	FNOReg: Resolution Invariant Medical Image Registration Method Based on Fourier Neural Operator
2.100	477	Sinha, Pratik*; Sekh, Arif Ahmed	Attention Seekers U-net with Mamba for Sub-cellular Segmentation
2.101	R2-559	Mishra, Akanksha*; Keserwani, Prateek; Rajendran, Vikram Nelloy; Senapati, Lumetti, Luca; Pipoli, Vittorio; Bolelli, Federico*; Ficarra, Elisa; Grana, Costantino	Efficient Adapter On-pretrained Visual Feature Reliance in Medical Visual Question Answering
2.102	R2-285	Lumetti, Luca; Pipoli, Vittorio; Bolelli, Federico*; Ficarra, Elisa; Grana, Costantino	Location Matters: Harnessing Spatial Information to Enhance the Segmentation of the Inferior Alveolar Canal in CBCTs
2.103	827	Cantone, Marco*; Marrocco, Claudio; Tortorella, Francesco; Briati, Alessandro	Transformer Models for Enhanced Calcifications Detection in Mammography
2.104	1179	Das, Pujya; Dev Roy, Sourav; Sanga, Kaberi; De, Asim; Kanti Bhownick, Minral*	SFRSeg-Net: Synovial Fluid Region Segmentation from Rheumatoid Arthritis affected Small Joints using USG for Early Detection
2.105	R2-440	Ray, Armatya; Wadon, Souryajit; Kaplun, Dmitrii*; Sarkar, Ram	EDB-Net: An Edge-guided Dual-Branch Neural Network for Skin Cancer Classification
2.106	935	Karlsson, Jennie*; Goyden, Marisa; Overgaard, Niels Chr; Sahlin, Freja; Lång,	Towards Out-of-Distribution Detection for Breast Cancer Classification in Point-of-Care Ultrasound Imaging
2.107	R2-83	Kirtas, Manos*; Passalis, Nikolaos; TEFAS, ANASTASIOS	Multiplicative RMSprop using gradient normalization for learning acceleration
2.108	881	Pan, Yifan; Xu, Tianyang*; Zhu, Xue-Feng; Luo, Xiaojing; Wu, Xiao-Jun; Kittler,	Learning Explicit Modulation Vectors for Disentangled Transformer Attention-based RGB-D Visual Tracking
2.109	R2-488	Kapoor, Meghna*; Subudhi, Badri N.; Jakhethiya, Vinit; Bansal, Ankur	Principal Graph Neighborhood Aggregation for Underwater Moving Object Detection
2.110	983	Sani, Depanshu*; Iyer, Anurudh R.; Rai, Prakhara; Anand, Saket; Srivastava, Anuj;	Sensor Agnostic Graph-Aware Kalman Filters for Multi-Modal Multi-Object Tracking
2.111	974	Capogrosso, Luigi*; Toaiari, Andrea; Avogaro, Andrea; Khan, Uzair; Jwoji, Aditya;	SITUATE: Indoor Human Trajectory Prediction through Geometric Features and Self-Supervised Vision Representation
2.112	207	Du, Jia-Run; Lin, Kun-Yu; Meng, Jingke*; ZHENG, WEI-SHI	Towards Completeness: A Generalizable Action Proposal Generator for Zero-Shot Temporal Action Localization
2.113	1051	Inturi, Anitha Rani; V. M. Manikandan*; Roy, Partha Pratim; Kim, Byung-Gyu	Multi-Level Feature Exploration using LSTM-Based Variational Autoencoder Network for Fall Detection
2.114	R2-179	Liu, Qingze*; Li, Danrui; Soh, Samuel S; Yoon, Sejong; Kapadia, Mubbasir;	TrDiDiffuse: A Conditional Diffusion Model for Environment-Aware Trajectory Prediction
2.115	382	Tagawa, Norio*	Structure from Motion with Variational Bayesian Inference in Multi-Resolution Networks
2.116	R2-177	Liu, Xuexin*; Zou, Zhuojun; hao, jie	Adaptive Text Feature Updating for Visual-Language Tracking
2.117	1276	Fu, Boyang*; Liao, Jiashu; Yang, Yixuan; Sanchez, Victor	Pedestrian Trajectory Prediction based on Improved Diffusion with Fourier Embeddings
2.118	247	Liao, Wei*; Luo, Lei; zhang, cunyuan	AFMA-Track: Adaptive Fusion of Motion and Appearance for Robust Multi-Object Tracking
2.119	1733	Fang, I-Sheng; Chiu, Wei-Chen*; Chen, Yong-Sheng	Best of Both Sides: Integration of Absolute and Relative Depth Sensing Modalities Based on iTOF and RGB Cameras
2.120	1266	Chen, Yishuo; Wang, Boran*; Guo, Xinyu; Zhu, Wenbin; he, zachary; Liu, Xiaobin;	DEYOLO: Dual-Feature-Enhancement YOLO for Cross-Modality Object Detection
2.121	1512	Rouhi, Amirreza*; Han, David K; Palino, Diego	Enhancing Object detection by Leveraging Large Language Models for Contextual Knowledge
2.122	R2-300	kumar, nikhil*; Chib, Pranav Singh; Singh, Pravendra	STNet: Small Target Detection Network for IR Imagery
2.123	R2-394	Shao, Zhenzhou*; Chen, Yongxin; Zou, Yibo; Zhang, Jie; Guan, Yong	Weakly Aligned Multi-Spectral Pedestrian Detection via Cross-Modality Differential Enhancement and Multi-Scale Spatial Alignment
2.124	649	Amarabayasgala, Tsatsral*; Kim, Mooseop; Jeong, Chi Yoon	An improved YOLOF for scale imbalance with dilated attention
2.125	R2-485	Li, Yang; Xiao, Jianli*	DS MYOLO: A Reliable Object Detector Based on SSMs for Driving Scenarios
2.126	381	Liao, Power*; Nakano, Gaku	BridgeCLIP: Automatic Bridge Inspection by Utilizing Vision-Language Model
2.127	449	Scotto di Freca, Alessandra*; D'Alessandro, Tiziana; De Stefano, Claudio;	Writer Identification in multiple Medieval books: A preliminary study
2.128	R2-14	Liu, Guozhang*; Liu, Ting; Yuan, Mengke; Pang, Tao; Guoxiang, Yang; Fu, Hao;	Dynamic Loss Decay based Robust Oriented Object Detection on Remote Sensing Images with Noisy Labels
2.129	1282	Yoon, Hajung*; lee, yoonji; Lee, HwiJun; Um, Daeho; Choi, HongSeok; Choi, Jin	MarUCOD: Unknown but Concerned Object Detection in Maritime Environments
2.130	R2-404	Srivastava, Kushagra*; Kancharla, Damodar Datta; Tahereen, Rizvi; Ramancharla,	CrossUDA: Incremental Unsupervised Domain Adaptation for Improved Crack Segmentation in Civil Structures
2.131	1375	Rosati, Gabriele; Marchesini, Kevin; Lumetti, Luca; Sartori, Federica; Balboni,	Identifying Impurities in Pharma Vials' Liquid
2.132	R2-235	Hu, Quan; Chen, Li*; Feng, Zhida; Chen, Yaojie	CROSS-MODAL SHIP GROUNDING: TOWARDS LARGE MODEL FOR ENHANCED FEW-SHOT LEARNING
2.133	257	Hu, Lei; Huang, Shuangping*	Enhancing Table Structure Recognition via Bounding Box Guidance
2.134	R2-597	Hajaei, Mohamed*; Cheikh, Imen Ben; Abbes, Helthem;	Deep Learning for Arabic Word Classification: Leveraging Transfer Learning and Grad-CAM for Morphological Analysis
2.135	R2-513	Pan, Song-Liang; Wang, Da-Han*; Jiang, Nanfeng; Zhang, Xu-Yao; Zhu, Shunzhi	Learning explicit radical representations for Zero-shot Chinese character recognition
2.136	1389	Mohan, Karthik*; Pandey, Suraj K	A Deep-Learning based real-time License Plate Recognition system for resource-constrained scenarios
2.137	R2-233	Shaik, Raj Ahmed; Singh, Navjot*; Antony, Verriboina; Shandilya, Debesh Kumar;	PSNet: A Progressive Sparse Transformer Network for Image Denoising
2.138	R2-92	Li, Zeyu*	Illuminating the Dark: Unsupervised Retinex and FFT-Based Low-Light Image Enhancement
2.139	R2-523	Xie, Peiqi; He, Jinhong; Song, Chengyun; Xue, Minglong*	A Novel Encoder-Decoder Network with Multi-domain Information Fusion for Video Deblurring
2.140	562	Chaudhary, Lipisha*; Xu, Fei; Wuqiu, lifema	Parallel Cross-Attention for Manual/Non-Manual Sign Language Analysis
2.141	984	Kumar, Deepak*; DHAMDHARE, PIYUSH; Raman, Balasubramanian	Fusing Multimodal Streams for Improved Group Emotion Recognition in Videos
2.142	357	su, yang*; Tan, Shunquan; Huang, Jiwu	Velocity Field-Based Surveillance Video Frame Deletion Detection Using Siamese Network
2.143	782	Shahadat, Nazmul*; Maida, Anthony S.	Deep Residual 1-dimensional Convolutional Neural Networks in Vision
2.144	1726	Soares de Souza, Amon*; Meißner, Andreas; Geierhos, Michaela	Combining Frequency-Based Smoothing and Salient Masking for Performant and Imperceptible Adversarial Samples
2.145	R2-549	Wang, Songpan*; Li, Xu	Dynamic Resolution Guidance for Facial Expression Recognition
2.146	1717	Wang, Jiaoyan; Ubul, Kurban*; Aysa, Alimjan	Oracle Bone Script Recognition Based on Multi-scale Feature Fusion and Knowledge Distillation
2.147	1070	Ghosh, Subhankar*; Bhattacharya, Saumik; Roy, Prasan; Pal, Umapada;	A-Color: Amplifying Long-Range Dependencies for Image Colorization
2.148	571	Thareja, Rushil*; Dwivedi, Deep; Garg, Ritik; Baghel, Shiva; Mohania, Mukesh ;	Video Analysis Engine for Predicting Effectiveness
2.149	223	Shi, Tong Yize*; Ge, Xuri; Jose, Joemon M.; Pugeault, Nicolas; Henderson, Paul	Detail-Enhanced Intra- and Inter-modal Interaction for Audio-Visual Emotion Recognition
2.150	R2-158	Zhu, Kai*; Chen, Li	Lightweight Single Image Super-Resolution Network Integrating CNN and Transformer
2.151	R2-172	Huang, Chen*; Zhang, Junjie; Yuan, Hua	Arbitrary Clothing Style Transfer Based on Attention Mechanism
2.152	405	Mokayed, Hamam*; Saini, Rajkumar; Adewumi, Oluwatosin; Alkhaled, Lama;	Vehicle Detection Performance in Nordic Region
2.153	R2-632	Jain, Kushal Kumar*; Li, Ankit; Varun; Nambodiri, Anoop	PS-StyleGAN: Illustrative Portrait Sketching using Attention-Based Style Adaptation
2.154	1487	Bhardwaj, Divya; Singh, Anishka; Goenka, Sparsh; Goyal, Poonam*	Leveraging Dual Encoders with Feature Disentanglement for Anomaly Detection in Thermal Videos
2.155	288	Shen, Tianyu; Li, Hui*; Cheng, Chunyang; Shen, Zhongqiang; Song, Xiaoning	SMFvs: Two-Stage Structural Map Aware Network for Multi-focus Image Fusion
2.156	R2-442	Bueno Benito, Elena Belén*; Dimiccoli, Mariella	Two-by-Two: Weakly-Supervised Learning for Global Action Segmentation
2.157	331	Moradi, Morteza*; Moradi, Mohammad; Rundo, Francesco; Spampinato, Concetto;	SalFoM: Dynamic Saliency Prediction with Video Foundation Models
2.158	R2-152	Huang, Yueh-Cheng*; Chen, Hsin-Yi; Hung, Cheng-Jui; Chuang, Jen-Hui; Hwang,	SINGLE-IMAGE DRIVEN 3D VIEWPOINT TRAINING DATA AUGMENTATION FOR EFFECTIVE LABEL RECOGNITION
2.159	1783	M. S. Sumi Suresh*; Menon, Vivek; Settler, Sirirangaraj; Govindaraju, Venu	Maximizing Coverage over a Surveillance Region Using a Specific Number of Cameras
2.160	R2-360	Courbot, Jean-Baptiste*; Mukherjee, Jit	Connecting the Dots: Isolated Trails of Detected Narrow Rivers in Multispectral Images
2.161	R2-212	Maiti, Anukul ; Dutt, Mousumi*; Biswas, Dr. Arindam; Bhargab B. Bhattacharya,	Approximate Cuboidization of an Orthogonal Polyhedron: A Combinatorial Approach
2.162	316	Saha, Anirban*; MAJI, SUMAN KUMAR	Despeckling SAR Images Using CNN-Based Approach Incorporating GAN and Gradient Estimation

Poster Session 3			
Poster ID	Paper ID	Authors	Paper Title
3.1	215	Seraj, Md Shamim; Chakraborty, Shayok*	Multi-source Deep Domain Adaptation for Deepfake Detection
3.2	833	Keita, Mamadou*; Hamidouche, Wassim; Bouguetta Eutamene, Hassen; Taleb-Gudavali, Chandrakanth*; Rosten, Erik; Nataraj, Lakshmanan; Chandrasekaran, Liu, Shunze*; Zhong, Yuwei; Wang, Huijuan; Peng, Jingliang	FIDAVL: Fake Image Detection and Attribution using Vision-Language Model
3.3	46		CIMGEN: Controlled Satellite Image Manipulation by Finetuning Pretrained Generative Models on Limited Data
3.4	R2-560		A Lightweight and High-Fidelity Model for Generalized Audio-Driven 3D Talking Face Synthesis
3.5	162	Cappellotti, Silvia; Baraldi, Lorenzo; Cocchi, Federico*; Cornia, Marcella; Baraldi, Dong, Beibei*; Peng, Bo; Dong, Jing	Adapt to Scarcity: Few-Shot Deepfake Detection via Low-Rank Adaptation
3.6	460		SPi2: Structure Preserved Image-to-Image Translation with Diffusion Models
3.7	504	Ao, Wei*; zhang, hanbin; Erhu, Zhao	DerectFormer: Vision Transformers for Single Image Reflection Removal
3.8	818	Pramanick, Alik*; Bheda, Utsav; Sur, Arjit	ML-CRAIST: Multi-scale Low-high Frequency Information-based Cross Attention with Image Super-resolving Transformer
3.9	R2-522	Singh, Siddharth Kumar; Mehta, Nancy*; Karatapu, Naga Prakash; Vipparthi, Ravi; Vaishnavi*; Parlapalli, Siddharth ; Ranjan, Sameer; Rama Krishna Sai	Probing Attention-Driven Normalizing Flow Network for Low-Light Image Enhancement
3.10	1433		Transformer-based Fringe Restoration for Shadow Mitigation in Fringe Projection Profilometry
3.11	344	Ahangarkiasari, Mohammad ; Muhammad, Khan*; Bakshi, Sambit; LEE, IK HYUN	Hybrid Transformer-CNN-Based Attention in Video Turbulence Mitigation (HATM)
3.12	795	Shi, Qijun; Zhan, Hongjian*; Li, Yanyu; zou, weijun; li, huasheng; Pal, Umapada;	LK-Net: Efficient Large Kernel ConvNet for Document Enhancement
3.13	1194	Wani, Mohd Ubaid*; Khan, MD Raqib; Kulkarni, Ashutosh C; Phutke, Shruti S;	Attentive Color Fusion Transformer Network (ACFTNet) for Underwater Image Enhancement
3.14	1294	WANG, Yujie*; Li, Bing; Huang, Jie; Zhao, Feng	Unsupervised Low-Light Image Enhancement with Dual Contrastive Learning
3.15	678	Fujita, Tomohiro*; Kawashishi, Yasutomo	Recurrent Graph Convolutional Network for Sequential Pose Prediction from 3D Human Skeleton Sequence
3.16	277	Ganaha, Wataru; Ozaki, Takumi; Inoue, Michiko; Nishiyama, Masashi *	Conversation activity recognition using interaction video sequences in pedestrian groups
3.17	R2-102	Shi, Xu*; Yao, Wei; Luo, Chuanchen; Peng, Junran; Zhang, Hongwen; Sun, Yunlian	FG-MDM: Towards Zero-Shot Human Motion Generation via ChatGPT-Refined Descriptions
3.18	776	Zhou, Jiaqian; Jiao, Jichao*; Li, Ning	ForceGAN: A Force-Based Hypergraph Neural Network for Multi-Agent Pedestrian Trajectory Forecasting
3.19	R2-553	Banerjee, Ayan*; Lamrani, Imane; Gupta, Sandeep	Synthesizing operationally safe controllers for human-in-the-loop human-in-the-plant (HIL-HIP) hybrid close loop systems
3.20	R2-460	Huang, Hao*; lu, yiyun; Yuan, Shuaihan; Wen, Congcong; Hao, Yu; Fang, Yi	Optimizing Personalized Robot Actions with Ranking of Trajectories
3.21	188	O'Gorman, Lawrence*	Efficient Multi-Band Temporal Video Filter for Reducing Human-Robot Interaction
3.22	1397	PN, Aravinda Reddy*; Ramachandra, Raghavendra; Sreenivasa Rao, Krothapalli ;	NeuralJutling: A Novel Neural Architecture Search for Smart-home based Multilingual Speaker Verification
3.23	978	Liu, chengzhi*; Luo, Zhong; Liu, Chenghao ; Tao, Zheng; Xu, Yitao; Huang, Zile	MTSA-SNN: A Multi-modal Time Series Analysis Model Based on Spiking Neural Network
3.24	R2-148	Yinbao, Zhang*; Xu, Tianyang; Wu, Xiao-Jun; Zhao, Shaochuan; Kittler, Josef	Multi-Frequency Fine-Grained Matching for Audio-Visual Segmentation
3.25	1089	MURALI, NIRMALA*; Mishra, Deepak	Integral Probability Metrics for Perceptual Learning in Generative Cross-Modal Person Re-identification
3.26	1462	Sahu, Minir Shankar*; Singh, Arjun; H Kolekar, Maheshkumar	Supervised Domain Adaptation for Data-Efficient Visible-Infrared Person Re-identification
3.27	246	Xiong, Mingfu; bang, liang jing; Guo, YIFEI; LEE, IK HYUN; Bakshi, Sambit;	PDEIT: Progressive Diversity Expansion Transformer for Cross-Modality Visible-Infrared Person Re-identification
3.28	920	Yang, Han; Feng, Haodi*; Cui, Xuefeng	DTMReID: Person Re-identification Based on Deformable Transformer to Incorporate Mutual Information Between Images
3.29	557	Yu, Huijuan*; Cheng, Maggie	Deep learning models for inference on compressed signals with known or unknown measurement matrix
3.30	1184	Tapper, Will G; Carneiro, Gustavo; Thomas, Spencer; Evans, Philip; Hussein, Li, Bowen*; Jian, Zhang; Li, Jie; Wu, Chentao	Effects of Primary Capsule Shapes and Sizes in Capsule Networks
3.31	1612		SecureCut: Federated Gradient Boosting Decision Trees with Efficient Machine Unlearning
3.32	329	Eswara, Nagabhushan; Sydir, Jaroslav; Somayazulu, Vallabhajosyula S; Datta, Sharma, Neha *	Split-DNN Computing for Video Analytics
3.33	547		AI Based Story Generation
3.34	R2-117	Ouyang, Xu*; Chen, Ying; Zhu, Kaiyue; Agam, Gady	Fine-grained Text to Image Synthesis
3.35	490	Liu, Sihao; Hu, Cong*; Song, Xiaoning; Chen, JiaSheng; Wu, Xiao-Jun	FewConv: Efficient variant convolution for few-shot image generation
3.36	353	Zhu, Huanzhang*; Li, Shaoxin; Chu, Lingyang	Multifaceted Anchor Nodes Attack on Graph Neural Networks: A Budget-efficient Approach
3.37	828	Wang, Fengyui*; Zhu, Guanhui*; hou, haojun; Yuan, Chunfeng; Huang, Yihua	Mining Long Short-Term Evidence Patterns for Temporal Knowledge Graph Reasoning
3.38	1034	Zhang, Lingfeng; Cosmo, Luca; MINELLO, GIORGIA; Torsello, Andrea; Rossi,	GraFix: A Graph Transformer with Fixed Attention based on the WL Kernel
3.39	R2-149	Hershkovitch Neiterman, Evgeny; Ben-Artzi, Gil*	ChannelDropBack: Forward-Consistent Stochastic Regularization for Deep Networks
3.40	192	Wang, Xinyu*; Pu, Tao; Zhang, Dongyu; Lin, Liang	Semantic Correlation Adaptation for Union-Set Multi-Label Image Recognition
3.41	R2-67	Kini, Venkataramana*; Divela, Ravi ; Yadav, Devendra; Padke, Umesh;	POCN: Long Term Propensity, Occasional Exploration, Contention Relevance and Neighborhood Diversity Driven Prime Video Page
3.42	R2-85	Zhang, Xianda*; Liang, Siyuan; Li, Chengyang	Towards Robust Object Detection: Identifying and Removing Backdoors via Module Inconsistency Analysis
3.43	330	Tan, Jianchang*; Ding, Xiangqian; Yu, Shusong	Task-Aware Local Descriptors Reconstruction Network for Few-Shot Find-Grained Image Classification
3.44	1037	Zhao, Qianli*; Zong, Linlin; Zhang, Xianchao; Liu, Xinyue	Multi-Modal Deep Emotion-Cause Pair Extraction for Video Corpus
3.45	156	Lee, yeon-jeong*; Song, Yeong-hun; Yoo, Sangwook; Seong, Joon-Kyung	Interactive-Time Text-Guided Editing of 3D Face
3.46	1132	Song, Wenfeng; Luo, X.; Xiaojing*; Zhang, Zhancheng; Xu, Tianyang; Wu, Xiao-Jun	Infrared and visible image fusion method based on learnable joint sparse low-rank separation representation
3.47	610	Chandgothia, Shreyas; Sekhar, Ardhendu*; Sethi, Amit	IFSENet : Harnessing Sparse Iterations for Interactive Few-shot Segmentation Excellence
3.48	863	Qiao, Tonghua ; Cao, Chunjie; Zou, Binghui; tao, fangjian; Cheng, Yinan; Zhang,	A Weighted Discrete Wavelet Transform-based Capsule Network for Malware Classification
3.49	865	Hang, Lin*; Ren, Qianqian	Data-driven Spatiotemporal Aware Graph Hybrid-hop Transformer Network for Traffic Flow Forecasting
3.50	1164	Lu, Hu; Zhao, Botong; Shen, Jiwei; Zhan, Hongjian; Lyu, Shujing*; Lu, Yue	Learning to Detect Lithography Defects in SEM Images
3.51	R2-217	Zhang, Feifei*; Shi, Fei; Ren, Dayong; Jia, Zhenhong; Wang, Jianyi	Dual-MambaNet: A Lightweight Dual-Branch Brain Image Segmentation Network Based on Local Attention and Mamba
3.52	1135	Bolelli, Federico*; Lumetti, Luca; Marchesini, Kevin; Candeloro, Ettore; Grana,	Are Skin Lesion Datasets Really Biased?
3.53	556	Cheng, Hongyu; Zheng, Limin; Shi, Yiyu; Lu, Qing; Meng, Bo; Xu, Xiaowei*	Fusion of Machine Learning and Deep Neural Networks for Pulmonary Arteries and Veins Segmentation in Lung Cancer Surgery Planning
3.54	1175	Thyagachandran, Anand*; Ahmed, Yerruru A	Breast cancer segmentation using UNet and Global Convolutional Networks

3.55	R2-104	Balaha, Hossam Magdy*; Ali, Khadiga Mohamed; Mahmoud, Ali; Ghazal, Rampuria, Akshat; Khare, Kushagra; Soni, Ayush; Dogra, Debi Prasad*	Integrated Grading Framework for Histopathological Breast Cancer: Multi-level Vision Transformers, Textual Features, and Fusion Probability
3.56	691	Wang, Guowen*; Wang, Silei; Wang, Lu, Cai, Congbo; Chen, Zhong; Cai, Shuhui	Extracting Vitals from ICU Monitor Images: An Insight from Analysis of 10K Patient Data
3.57	479	Wang, Zeyuan*; Yu, ChunYan	Cross-Domain MR Image Synthesis via Multi-Contrast Generative Adversarial Network
3.58	796	Rezai, Somayeh; Jiang, Xiaoyi*	A single source generalization model via Spatial Amplitude Perturbation and Sensitivity Guidance for colored medical image segmentation
3.59	338	khaleel, afifa qahtan ; Elazab, Ahmed	Superpixel-Based Sparse Labeling for Efficient and Certain Image Annotation
3.60	99	Li, Yan*; wang, juejin; yuteng, deng; Li, Binyang; Hu, Junlin	Enhanced 3D Dense U-Net with Two Independent Teachers for Infant Brain Image Segmentation
3.61	R2-538	Goel, Anoushkr; Singh, Bipanjit; Joshi, Ankita; Jha, Ranjeet Ranjan; Ahuja, Joshi, Ankita*; Sharma, Ashutosh; Goel, Anoushkr; Jha, Ranjeet Ranjan; Ahuja, Yu, Ha Anh*; VAJDA, Szilard	Tract-Embed: Modular Multi-level Embedding framework for white matter tract segmentation
3.62	R2-628	De, Arjit*; Chowdhury, Ananda S	Tract-RLFormer: A Tract-Specific RL policy based Decoder-only Transformer Network
3.63	1080	Fuhl, Wolfgang*	Advancing Brain Tumor Diagnosis: A Hybrid Approach Using Edge Detection and Deep Learning
3.64	515	Choi, HyoSeon; Choi, Dahoon; Kaongoen, Netiwit; Kim, Byung Hyung*	Shape induced Multi-Class Deep Graph Cut for Hippocampus Subfield Segmentation
3.65	733	Kang, Hyunwook; Choi, Jin Woo; Kim, Byung Hyung*	A Trainable Feature Extractor Module for Deep Neural Networks and Scapath Classification
3.66	294	Abedi, Ali*; Khan, Shehroz	Detecting Concept Shifts under Different Levels of Self-awareness on Emotion Labeling
3.67	83	Gebele, Jens Johannes*; Brune, Philipp; Schwab, Frank; von Mammen, Sebastian	Cascading global and sequential temporal representations with local context modeling for EEG-based emotion recognition
3.68	383	Wang, Xingzhi; Chen, Tao; Zhang, Dong*	Engagement Measurement Based on Facial Landmarks and Spatial-Temporal Graph Convolutional Networks
3.69	650	Fu, Sin-Yu; Lin, I-Chen*	Interpreting Emotions through the Grad-CAM Lens: Insights and Implications in CNN-Based Facial Emotion Recognition
3.70	1449	Ghose, Shuvojit*; Li, Manyi; Qian, Yiming; Wang, Yang	A Spatial-temporal Graph Convolutional Network for Video-based Group Emotion Recognition
3.71	804	Sadeghian, Reza*; Hooshyarpour, Nilofar; Lee, WonSook	Estimation of Hand-interacting Object Poses with Boundary Guidance
3.72	588	Huynh Nguyen, Thinh Trong; Van Linh, Pham; Xuan Toan, Mai; Tuan Anh, Tran*	CLIP-based Point Cloud Classification via Point Cloud to Image Translation
3.73	681	Nagase, Yasuto*; Babazaki, Yasunori; Shibata, Takashi	Transformer-Based Fusion of RGB and LiDAR Data for Enhanced 2D Object Detection
3.74	R2-175	Roy, Ayush ; Palaiathanakote, Shivakumara*; Pal, Umapada; Antonacopoulos, Vezzali, Enrico; Bolelli, Federico*; Santi, Stefano; Grana, Costantino	A Multi-Ground Truth approach for RGB-D Saliency Detection
3.75	178	Chen, Yibo; Hu, Zhiyuan; Huang, Le; Zhang, Jianming*	Annotation-Free Object Detection by Knowledge-extraction Training From VL Models
3.76	599	Namiki, Shigeaki*; Ogawa, Takuya; Yokoyama, Keiko; Yachida, Shoji; Hosoi, Biswas, Soumen*; Ganesh, Ananth	PCGAUNet: Pixel Correlation and Gaussian Attention Driven Network for Text Segmentation
3.77	1205	Wei, Minghong*; Dong, Yan; Xiang, Haobin; Gao, Guangshuai; Li, Chunlei	BarBER: A Barcode Benchmarking Repository
3.78	1114	xu, yang*; Lu, Jun	MSSF: A Multi-Scale Siamese Flow Architecture for Multi-Texture Class Anomaly Detection
3.79	201	Cui, Quanyue; Lu, Jun*	Cyclic Learning of a Frame Down-sampler and a Recognition Model in High-speed Camera Image Recognition
3.80	467	Maanpää, Jyri*; Pesonen, Julius; Hyyti, Heikki; Melekhov, Iaroslav; Kannala, Juho ; Li, Yang*; Feng, Weng; Gao, Ge; Chang, Jun; Li, Ming	FF-Yolo: A Feature-fusion Yolo model for Small Scale FODs detection in Airport Runways
3.81	R2-330	Lin, Hui-Yung*; Huang, Yi-Chao	DSLA: A Distance-sensitive Label Assignment Strategy for Oriented Object Detection in Remote-sensing Images
3.82	314	Chamiti, Tzoulou; Passalis, Nikolaos*; TEFAS, ANASTASIOS	YOLO-RSOD: Improved YOLO Remote Sensing Object detection
3.83	1730	Moon, Seokha*; Yeon, Kyulhan; Kim, Hayoung; Jeong, Seong-Gyun; Kim, Jinkyu	DCI-Net: Remote Sensing Image-based Object Detector
3.84	R2-219	Yuan, Shuaifeng; Unlu, Halli Utku; Huang, Hao; Wen, Congcong; Tzes, Anthony;	Dense Road Surface Grip Map Prediction from Multimodal Image Data
3.85	1321	Unlu, Halli Utku*; Yuan, Shuaifeng; Wen, Congcong; Huang, Hao; Tzes, Anthony;	VA-Occ: Enhancing Occupancy Dataset Based on Visible Area for Autonomous Driving
3.86	703	Geng, Wangpeng*; Zhang, Hui; Liu, Jing; Zhang, Dexin	All-Weather Vehicle Detection and Classification with Adversarial and Semi-Supervised Learning
3.87	360	Teng, Fei*; Zhang, Jiaming; Liu, Jiawei; Peng, Kunyue; Cheng, Xina; Li, Zhiyong;	Large Models in Dialogue for Active Perception and Anomaly Detection
3.88	1139	Tang, Bolie*; Hong, Linxi; Xie, Qing	Who Should Have Been Focused: Transferring Attention-based Knowledge from Future Observations for Trajectory Prediction
3.89	380	Tian, Ming; Li, Tianyi; Luo, Rongsheng; Gao, Changxin; Sang, Nong*	Exploring the Reliability of Foundation Model-Based Frontier Selection in Zero-Shot Object Goal Navigation
3.90	R2-243	Das, Debashis*; MAJJI, SUMAN KUMAR	Reliable Semantic Understanding for Real World Zero-shot Object Goal Navigation
3.91	R2-245	Kumari Kovvuru, Aruna ; Londhe, Narendra D* ; RAJ, RITESH; Sonawane, Rao, guoxing ; chen, tongtao*; Zhu, Gaofeng; Zeng, Huanqiang	Distortion Correction Sub-Network for Semantic Segmentation based on Deep Hough Transform
3.92	R2-390	Wu, Yaogang; Liu, Wanlin; liang, xianchen; Zheng, Qinghua; Wei, Jin*; Jin, Das, Dr. Praneesh*; Dev, Prabhu Prasad	LF Tracy: A Unified Single-Pipeline Paradigm for Salient Object Detection in Light Field Cameras
3.93	629	Sarkar, Tusita; Sar, Maitreyee; Bhowmik, Partha Bhowmik, IIT Kharagpur*	An Edge-Assisted Mutual Image Inpainting Approach Leveraging Aggregated Contextual Transformations
3.94	465	Zhao, Dehui*; Naskar, Ruchira	Complementary Multi-Branch Network for Space-Time Video Super-Resolution
3.95	R2-111	Das, Debashis*; MAJJI, SUMAN KUMAR	MDFDNet: Multi-Domain Feature Integration Denoising Network
3.96	R2-530	Kumari Kovvuru, Aruna ; Londhe, Narendra D* ; RAJ, RITESH; Sonawane, Rao, guoxing ; chen, tongtao*; Zhu, Gaofeng; Zeng, Huanqiang	Overcomplete UNet Networks for Perceptual Denoising in Digital Color Images
3.97	907	Wu, Yaogang; Liu, Wanlin; liang, xianchen; Zheng, Qinghua; Wei, Jin*; Jin, Das, Dr. Praneesh*; Dev, Prabhu Prasad	Adaptive Data Association for Enhanced Multi-Object Tracking and Segmentation with Pre-matching and Selective Association
3.98	1558	Sarkar, Tusita; Sar, Maitreyee; Bhowmik, Partha Bhowmik, IIT Kharagpur*	MRCI: Multi-Range Context Interaction for Boundary Refinement in Image Segmentation
3.99	R2-49	Das, Dr. Praneesh*; Dev, Prabhu Prasad	MCANet: Multimodal Caption Aware Training-free Video Anomaly Detection via Large Language Model
3.100	R2-412	Sarkar, Tusita; Sar, Maitreyee; Bhowmik, Partha Bhowmik, IIT Kharagpur*	Peel and Pool: The Path to Mandala Perfection
3.101	R2-385	Zhao, Dehui*; Naskar, Ruchira	Splicing Localization in Digital Images through Agglomerative Clustering on Optimized Feature Sets with Zero Training Data Dependency
3.102	622	Das, Kaikji; Yuan, Xiaochen*; Huang, Guoheng; Liu, Kun	DSTNet: Distinguishing Source and Target Areas for Image Copy-Move Forgery Detection
3.103	281	Schäfer, Karla*; Choi, Jeong-Eun; Steinebach, Martin	Comparative Analysis of Voice Conversion in German
3.104	1728	Huang, Jiahao; Yuan, Xiaochen*; Ke, Wei	Dual Hypergraph Convolution Networks for Image Forgery Localization
3.105	282	Wan, Qiang*; Chen, Biwei; Peng, Anjie ; Zeng, Hui	A Whale Falls, All Thrive: Mitigating Attention Gap To Improve Adversarial Transferability
3.106	501	Tan, Yiyong*; Banerjee, Bhaskar; Ranjan, Rishi	Few-shot and Portable 3D Manufacturing Defect Tracking with Enterprise Digital Twins based Mixed Reality
3.107	R2-129	P R, Vikas*; Behera, Santosh Ku; Ganguly, Bishnu; Kujur, Anurag; Dash, Dr Ajaya	Augmented Reality-Assisted Environment for Medical Education: An Experience of Interactive and Immersive Learning
3.108	R2-378	Raj, Subin*; R, Harshitha B; Chakrabarti, Amaresh; Biswas, Pradipta	Evaluating Swimming Effect of the Hologram in HoloLens2
3.109	1752	Ostrek, Mirela*; O'Sullivan, Carol	Neuropostors: Neural Geometry-aware 3D Crowd Character Impostors
3.110	676	Lee, yongjoon; Ryu, Jaehak; Yoon, Donggeun; Cho, Donghyeon*	Consistent Object Removal from Masked Neural Radiance Fields by Estimating Never-Seen Regions in All-Views
3.111	89	Castillo Silva, Myrta Citalli*; Dahaghin, Mahtab; Toso, Matteo; Del Bue, Alessio	Contrastive Gaussian Clustering: Weakly Supervised 3D Scene Segmentation
3.112	954	Liang, Yiming*; Ishikawa, Hiroshi	Random Frame: a Data Augmentation for Glass Detection
3.113	R2-174	Du, Xiaogang*; Jiao, Yipeng; Lei, Tao; Zhang, Xuejun; Wang, Yingbo; Nandi,	PolypSegDiff: Dynamic Multi-Scale Conditional Diffusion Model for Polyp Segmentation
3.114	R2-236		

Poster Session 4			
Poster ID	Paper ID	Authors	Paper Title
4.1	735	Ohara, Genji*; Kimura, Keigo; Kudo, Mineichi	R-LIME: Rectangular Constraints and Optimization for Local Interpretable Model-agnostic Explanation Methods
4.2	1242	Yadav, Srishit*; Pundhir, Anshul; Goyal, Tanish; Raman, Balasubramanian; Kumar,	Differentially Private Spiking Variational Autoencoder
4.3	727	Yalavarthi, Bharat*; Kaushik, Arjun Ramesh; Sharma, Tilak; Julia, Charanjit;	Secure Sleep Apnea Detection with FHE and Deep Learning on ECG Signals
4.4	728	Yalavarthi, Bharat*; Julia, Charanjit; Ratha, Nalini	Efficient Convolution Operator in FHE using Summed Area Table
4.5	1531	Rizvi, Syed Sameen Ahmad*; Seth, Aryan; Narang, Pratik	Balancing the Scales: Enhancing Fairness in Facial Expression Recognition with Latent Alignment
4.6	514	Nair, Nilah Ravi*; Schmid, Lena; Reining, Christopher; Moya Rueda, Fernando;	Representation Biases in Time-Series Human Activity Recognition with Small Sample Sizes
4.7	1337	Srivastava, Ashish*; Bhatnagar, Shalabh; Murty, M Narasimha; Jatavallabha,	Learning Dynamic Representations in Large Language Models for Evolving Data Streams
4.8	R2-282	Meng, Haotian; Lin, Xiaoya; Ubul, Kurban*; Aysa, Alimjan	Multi-Task Interaction Network Based on a Cross-Attention Fusion Mechanism for Offline Signature Verification
4.9	1604	Liu, Jiamin*; Zhang, Baochang; Cao, Xianbin	ROI-Aware Dynamic Network Quantization for Neural Video Compression
4.10	824	Zhang, Yusu; Wu, Xiao-Jun*; Xu, Tianyang	Infrared and Visible Image Fusion Based on CNN and Transformer Cross-Interaction with Semantic Modulations
4.11	R2-18	Ganguly, Sayamit; Katham, Sanjana Reddy; Agrawal, Sanyam; Sinha, Soumen*;	Hierarchical Ensemble of AutoEncoder for Restoration of Images Corrupted by Cumulative Combination of Noise
4.12	510	Sarkar, Sreelama*; Ye, Xinan; Datta, Gourav; A. Beeral, Peter	FixPix: Fixing Bad Pixels using Deep Learning
4.13	1450	Sunil, Pranav; Sinha, Soumen*; Roy, Rahul	SegNet-ATT: Cross-Channel and Spatial Attention-Enhanced U-Net for Semantic Segmentation of Flood Affected Areas
4.14	54	Zhou, Mo*; Patel, Vishal	On Trace of PGD-Like Adversarial Attacks
4.15	111	Akpu, Chukwuma Hilary; Wei, Hong; Hong, Xia;	Deep Learning in Automated Worm Identification and Tracking for C. Elegans Mating Behaviour Analysis
4.16	914	Yu, Muzhou*; Cai, Zhihan; Wu, Kaili; Cao, Dapeng; Ma, Kaisheng	NAOL: nERF-Assisted Omnidirectional Localization
4.17	R2-376	Palazzo, Luca*; Pennisi, Matteo; Proietto Salanitrì, Federica; Bellitto, Giovanni;	FedRewind : Rewinding Continual Model Exchange for Decentralized Federated Learning
4.18	R2-197	Wang, Lingjiao ; Meng, Lingwei; Guo, Hua	Multi-objective balanced task offloading in vehicular networks based on edge computing
4.19	R2-620	Yu, Xiaoyang; Zhu, Ziyi; Zhang, Guanwen*; Zhou, Wei	MSDNet: A Multi-scale Dense Network for Chip Surface Defect Segmentation
4.20	R2-560	Zhu, Ziyi; Wang, Yaobin; Yu, Xiaoyang; Li, Guojun; Zhang, Guanwen*; Zhou, Wei	A Data Augmentation Approach for Well Log Interpretation
4.21	859	Srinivas, Maddimsetti*; Sheet, Debdoot	Constant Time Decision Trees and Random Forest
4.22	127	Huang, Hao*; Shah, Tapan; Yoo, Shinjae; Evans, Scott	Sustainable and Explainable Neural Network for Real-Time Time Series Classification
4.23	1787	Yang, Yu; diao, boyu*; Liu, Hangda; chen, qiyun; Wang, Qi; xu, yongjun	An Evolutionary Search-Based Operator Fusion Method with Binary Representation for Deep Learning Inference Acceleration
4.24	R2-357	Bello, Yimgal*; Geifler, Daniel; Suh, Sungho; Zhou, Bo; Lukowicz, Paul	TSAK: Two-Stage Semantic-Aware Knowledge Distillation for Efficient Wearable Modality and Model Optimization in Manufacturing Lines
4.25	286	Lin, Changyao*; Liu, Yi; Li, Xiangyu; Li, Chengxiang; Zhang, Hao; Jin, Jing; Liu, Jie	StressVIT: Splitting and Compressing Visual Transformer through Edge-Cloud Collaboration
4.26	531	O'Gorman, Lawrence*; Cao, Bryan B; Sharma, Abhinav; Coss, Michael J; Jain,	A Lightweight Measure of Classification Difficulty from Application Dataset Characteristics
4.27	1032	Fahim, Masud ANI*; Boutellier, Jani	Improved Zero-Shot Image Editing via Null-Toon and Directed Delta Denoising Score
4.28	1233	Samuth, Benjamin Wadhanak; Rabin, Julien L*; Tschumperlé, David; Jurie,	A Low Rank Gaussian Mixture Latent Model for Face Generation
4.29	407	Ju, Hyunwook; Sahadeva, Marcellino; Gazali, William; Park, In Kyu*	Deterministic Synthesis of Defect Images using Null Optimization
4.30	R2-317	Diop, El Hadji S*; Fall, Thierno; Mbengue, Alioune; DAOUDI, Mohamed	Geometric Generative Models based on Morphological Equivariant PDEs and GANs
4.31	R2-479	Wang, Hongcheng*; Zhang, Dongdong; Liu, Taotao; Qi, XUmai	Neighborhood Feature Enhancement Flow Diffusion Model for Point Cloud Generation
4.32	R2-662	Mehta, Dwi D T*; Mehta, Aditya; Narang, Pratik	LDFaceNet: Latent Diffusion-based Network for High-Fidelity Deepfake Generation
4.33	R2-184	Ali, Munshif*; Rossi, Leonardo; Bertozzi, Massimo	CFTS-GAN: Continual Few-Shot Teacher Student for Generative Adversarial Networks
4.34	116	Susledkar, Onkar; Deshmukh, Gayatri S; Mittal, Sparsh; Shastri, Parth	(D ²)Style: Advancing Arbitrary Style Transfer with Discrete Diffusion Methods
4.35	1541	Arezomandan, Solmaz*; Klotzker, John; Han, David K	Data Augmentation Pipeline for Enhanced UAV Surveillance
4.36	R2-297	Roy, Prasann*; Bhattacharya, Saumik; Ghosh, Subhankar; Pal, Umopada;	d-Sketch: Improving Visual Fidelity of Sketch-to-Image Translation with Pretrained Latent Diffusion Models without Retraining
4.37	364	Xu, Liancheng; Wu, Xiaoyi*; Wang, Xiaoxiang; Wang, Xinhua	Causal Attentive Group Recommendation
4.38	442	Zhang, Nana; Liu, Qian; Zhu, Dandan*; Zhu, Kun; Zhai, Guangtao; Yang, Xiaokang	EZDAS: An Efficient Equivariant Dynamic Aggregation Saliency Model for Omnidirectional Images
4.39	1181	Chen, Liang-Chen*; Gao, Shu; Liu, Baoxu; Zhang, Xu-Yao	UAD-DPL: An Unknown Encrypted Attack Detection Method Based on Deep Prototype Learning
4.40	R2-187	Wanjing, Zhang; Xiaotian, Zhu; Jianjun, Zhang; Yuan, Guo; Jun, Tao; Zhu, Min*	MCFM: Multi Channel-Frequency Mamba-based model for flight trajectory prediction
4.41	1033	Habib, Al Zaidid Sultan Bin*; Wang, Kesheng; Hartley, Manny-Anne; Doretto,	TabSeq: A Framework for Deep Learning on Tabular Data via Sequential Ordering
4.42	840	Bougourzi, Fares*; Dornaika, Fadi; Taleb-Ahmed, Abdelmalik; Hoang, Vinh Trung	Rethinking Attention Gated with Hybrid Dual Pyramid Transformer-CNN for Generalized Segmentation in Medical Imaging
4.43	271	Igaue, Yuki*; Kurita, Takio; Aizawa, Hiroaki	Incorporating Spatial Locality into Self-Attention for Training Vision Transformer on Small-Scale Datasets
4.44	521	Sinha, Atul Kumar*; Fleuret, François	DeepEMD: A Transformer-based Fast Estimation of the Earth Mover's Distance
4.45	R2-309	Shahadat, Nazmul*; Nguyen, Anh T; Lama, Ritika	Squeeze and Hypercomplex Networks on Leaf Disease Detection
4.46	1165	Liu, Yichen; Ren, Qianqian*; Lv, Xingfeng	Time-aware Intent Contrastive Learning with Rare-class Sample Generator for Sequential Recommendation
4.47	R2-374	D. Nandini*; Guru, Dr. D. S	Mangoes Ripeness Grading: Vision Based Approach
4.48	1055	Agarwal, Akshay*; Vatsa, Mayank ; Singh, Richa; Ratha, Nalini	Supervised Mxup: Protecting the Likely Classes for Adversarial Robustness
4.49	722	Chen, Menglong; Wang, Jianming; Xiao, Zhitao; Sun, Yukuan*	A Saliency-Aware NR-IQA Method by Fusing Distortion Class Information
4.50	1154	wei, wangjuan*	Glare-SNet : Unsupervised Glare Suppression Balance Network
4.51	R2-27	Zhao, Wenjie*; Luo, Qiuming	Leveraging Computer Vision for Automatic Modulation Classification: Insights from Spectrum and Constellation Diagram Analysis
4.52	591	Pilli, Ravendra; Goel, Dr. Tripti*; Murugan, R; Tanveer, M	Brain Age Estimation using Self-attention based Convolutional Neural Network
4.53	1383	Madan, Shipra*	Pneumonia Classification in chest X-ray images using Explainable Slot-Attention Mechanism
4.54	1603	Goswami, Buddhadev*; Hazra, Shubham ; Das, Sandipan; Nagar, Saurabh R.;	Detection of Oral Potentially Malignant Lesions through Transformer-based Segmentation Models
4.55	868	Fu, Baochen*; Wang, huijuan; Duan, Miao; Li, Zhen;Zuo, Xiuli; Qiao, Xu	Automatic Diagnosis Model of Gastrointestinal Diseases Based on Tongue Images
4.56	R2-506	Zhang, Xia; Tan, Jian; Zhang, Bailing; Guodong, Xu; Zeyang, Hu; Wang, Rui; Yang,	Cystic Adenocarcinoma Segmentation Based on Multi-Frequency and Multi-Scale SiAM Attention
4.57	802	Zhang, Yudian; Xu, Chenhao; Xu, Kaiye; Zhu, Haijiang	Mask-TS Net: Mask Temperature Scaling Uncertainty Calibration for Polyp Segmentation
4.58	1319	Yu, Yuanfei*; Lai, Zhihui; zhao , cairong; Wang, Tao; He, Shihuan; Kong, Heng	Bi-UNet: Bi-level Routing Attention Unet-shaped Network based on Explicit Visual Prompt
4.59	R2-38	Feng, Yu*; Wu, Cong; Zhou, Yuan	DG2Net: A MLP-Based Dynamizing Gate and Depthwise Group Norm Network for Classification of Glaucoma
4.60	242	Yang, Shuai*; Wang, Mei; Deng, Weihong; Hu, Jiani	FedSC: Federated Generalized Fake Anti-Spoofing via Shuffled Codebook
4.61	161	Mostafa, Seraj A*; Faruque, Omar; Wang, Chenxi; Yue, Jia; Purushotham, Sanjay	gWaveNet: Classification of Gravity Waves from Noisy Satellite Data using Custom Kernel Integrated Deep Learning Method
4.62	189	Zhang, Qinglin*; Guan, Donghai; Yuan, Weiwei; Wei, Mingqiang	Sea-ShipNet: Detect Any Ship in SAR Images

4.63	R2-198	Li, Tianping*; Zhu, Mengdi; Zhang, Zhenyi; Yang, Zhiqiang	BiPA-Net: An Effective Tiny-Object Detection Model in Aerial Images
4.64	1244	Kaur, Dapinder*; Battish, Neeraj*; Akanksha; Poddar, Shashi	ASwin-YOLO: Attention – Swin Transformers in YOLOv7 for Air-to-Air Unmanned Aerial Vehicle Detection
4.65	787	wang, Panpan*; Wang, Shujuan; Lian, Zhichao; Li, Shuchao	Multi-target Attention Driven Adversarial Attack against Aerial Object Detection
4.66	1287	Chen, Dongdong*; Ju, Ruoshun; Liu, Xiaoyang; Liu, Jiyuan; Zhang, Jun; Qiu, Liu, Ruizhi*; Remagnino, Paolo; Shum, Hubert P. H.	Dualswin-Ynet: A novel bimodal fusion network for ship detection in remote sensing images
4.67	174	Raverita Capua, Francisco*; Schandin, Juan; De Cristoforis, Pablo	Neural-Code Pifu: High-Fidelity Single Image 3D Human Reconstruction via Neural Code Integration
4.68	567	Zhao, Yan; Huang, Xiaohua*; Tang, Chuangao	Training-point-based deep learning networks for forest segmentation with synthetic data
4.69	843	WANG, ZHIFENG*	Micro-expression Recognition based on Dual-Stream Spatiotemporal Transformer
4.70	1050	Wu, Xuying; Du, Chenxi; Zhang, Hui*; Liu, Jing; Zhang, Dexin; Zou, Hang	LLDiff: Diffusion Models for Low-light Emotion Recognition
4.71	R2-449	Antil, Aashnia*; Dhiman, Chhavi*	Unsupervised Domain Adaptation for Cross-Device Iris Liveness Detection Model Transfer
4.72	759	Sanner, Antoine Pierre*; Grauhan, Nils; Meyer, Merle; Leukert, Laura; Brockmann, Vyas, Ritesh; Kumar, Ajay*	Securing Faces: A GAN-Powered Defense Against Spoofing with MSRCR and CBAM
4.73	874	Yamashita, Yoh*; Iwana, Brian K	Detection of Intracranial Hemorrhage for Trauma Patients
4.74	R2-37	Wang, Yuqi; Zhang, Bob*; Li, Shuyi; Yang, Hao	A Collaborative Approach using Ridge-Valley Minutiae for More Accurate Contactless Fingerprint Matching
4.75	270	Zhang, Jingwei*; Yang, Xiaodong; Chen, Yiqiang; Sun, Ruizhe	Improving the Robustness of Time Series Neural Networks from Adversarial Attacks Using Time Warping
4.76	R2-86	Singh, Monisha*; Sharma, Gulshan; Hoque, Ximi; Dhali, Abhinav	A Generative Method for Finger Knuckle Print Recognition
4.77	900	WU, Liang; Shi, Bertram E	C-PPT: A Channel-wise Prototypical Part Transformer for Interpretable Perioperative Complication Prediction with Blood Pressure
4.78	1138	Delong, Zhang, Peng; Yi-Xing, Wu, Ancong*; ZHENG, WEI-SHI	DREAMS: Diverse Reactions of Engagement and Attention Mind States Dataset
4.79	212	Shah, Arth Juhali*; Chaudhari, Hiva; Patil, Hemant	Merging Multiple Datasets for Improved Appearance-Based Gaze Estimation
4.80	421	Moon, Junho; Chung, Haejun; Jang, Ikbeom*	A Dual adaptation approach for EEG-based biometric authentication using the ensemble of Riemannian geometry and NSGA-II
4.81	R2-455	Hou, Yang*; Fu, Haitao; Chen, chun kai; Li, zida; Zhang, haoyu; Zhao, Jiajun	Facial Wrinkle Segmentation for Cosmetic Dermatology: Pretraining with Texture Map-Based Weak Supervision
4.82	1421	Rathore, Udaybhan*; Agarwal, Akshay	PolyGloFA: A Novel Multilingual and Multimodal DeepFake Dataset
4.83	997	Nihal, Md Ragib Amin*; Yen, Benjamin; Itoyama, Katsutoshi; Nakadai, Kazuhiro	An Unconstrained Dataset for Face Recognition Across Distance, Pose, and Resolution
4.84	1026	Zhang, Jiang*; Wang, Liejun; Yu, Yinfeng; Xu, Miaomiao	UAV-Enhanced Combination to Application: Comprehensive Analysis and Benchmarking of a Human Detection Dataset for Disaster Scenarios
4.85	R2-652	yuan, ru*; Yuan, Chun; Hao, Wanting	ECMISM: Speech Recognition via Enhancing Conformer Models with Innovative Scoring Matrices
4.86	884	Hu, Yuting*; Ming, Yue; Zhao, Panzi; Zhou, Jianguan	Benchmarking AI in Mental Health: A Critical Examination of LLMs Across Key Performance and Ethical Metrics
4.87	655	Luevano, Luis S*; Martinez Diaz, Yoanna; Mendez-Vazquez, Heydi; Gonzalez-Bhattacharjee, Sushil*; Geissbuhler, David; Clivaz, Guillaume; Kotwal, Ketan;	MIHNet: Multi-scale Intra-layer Fusion with Hybrid Structure for Low-quality 3D Face Recognition
4.88	1551	Zhu, Dongchen; Lin, Mingjing; Che, Hekuangyi; Shi, Wenjun; Zhang, Guanghui; Li, Delong; Zhang, Peng; Yi-Xing, Wu, Ancong*; ZHENG, WEI-SHI	SwiftFaceFormer: An Efficient and Lightweight Hybrid Architecture for Accurate Face Recognition Applications
4.89	R2-850	Shah, Arth Juhali*; Chaudhari, Hiva; Patil, Hemant	Vascular Biometrics Experiments on Candy -- A New Contactless Finger-Vein Dataset
4.90	134	Abrol, Vinayak*; Thakur, Anshul; Gupta, Akshat; Liu, Xiaomo; Shah, Sameena	CBNet: Binocular Cooperative Network for Gaze Estimation
4.91	1425	Savic, Marko Radisa*; Zhao, Guoying	Privacy-preserving Face Recognition with Adaptive Generative Perturbations
4.92	R2-21	Liu, Xingli; Guo, Jian*; Mu, Hengyu; Han, Chong; Sun, Lijuan	Infant Cry Classification Using Modified Group Delay Cepstral Coefficients
4.93	298	Nahar, Sonam*; Mahmoodi, Sasan	Sampling Rate Adaptive Speaker Verification from Raw Waveforms
4.94	1785	Huang, Chao-Wang*; Wang, Chien-Yao ; Wang, Jia-Ching	PhysU-Net: Long Temporal Context Transformer for rPPG with Self-Supervised Pre-training
4.95	R2-259	Yadav, Harsh*; Schaefer, Maximilian; Zhao, Kun; Meisen, Tobias	FedFVQA: Personalized Federated Learning for Two-Stage Finger Vein Image Quality Assessment
4.96	R2-259	Wang, Mengfei*; Shi, Wenjun; Zhu, Dongchen; Wang, Lei; Li, Jiamao	Adjustable Gating Prompt Transformer for Facial Attribute Recognition with Limited Labeled Data
4.97	249	Ding, Shuaipei*; Shui, Jianan; Li, Mingyong; Li, Xin	Infrared Database for Gait Recognition in Dynamic Outdoor Environment
4.98	R2-254	Wang, Mengfei*; Shi, Wenjun; Zhu, Dongchen; Wang, Lei; Li, Jiamao	mmAlphabet: Air Writing Alphabet Recognition System Based on mmWave FMCW Radar and Convolutional Neural Network
4.99	448	Singh, Binil; Singh, Divij; Kaushal, Rohan; Reddy, Sana Vishnu Karthikeya; Cheng, zhenyong; Zhang, Guanwen*; Wang, Changhao; Zhou, Wei	CASPFformer: Trajectory Prediction from BEV Images with Deformable Attention
4.100	R2-250	Bozma, Isil*	Dual-Attention Fusion Network with Edge and Content Guidance for Remote Sensing Images Segmentation
4.101	R2-594	Bozma, Isil*	MemoFlow: Modifying Explicit Motion of Inconsistency in Optical Flow
4.102	1756	UNDA, TARAKESWARA RAO*; Sandhan, Tushar	Spatio-Temporal Attentive Fusion Unit for Effective Video Prediction
4.103	170	Jad, Sarah Elsayed*; Torki, Marwan; Khalafallah, Ayman A	Video-based Semi-automatic Drivable Area Segmentation
4.104	1341	Xie, Shangjin; Feng, Jiawei; Zibo, Chen; Liu, Zhixuan; Zheng, Wei-Shi*	Unsupervised Real-Time Two-Stage Place Proposal Generation from a Moving Camera Video
4.105	1347	Yiheng, Jiang; Wang, ZhiPeng; Zhao, Yunlong*; Liu, Chunyan; Li, Yang	Severity of Flood Damage Estimation from Aerial Scenery
4.106	941	Yoon, SoYoung; Park, In Kyu*	Mask-Aware Transformer for Crowd Counting
4.107	906	Telib, Abdelrahman*; Gabr, Mohamed K	Depth-Enhanced Alignment for Label-Free 3D Semantic Segmentation
4.108	923	Huang, Zhenhao*; Shi, Yukun; Gong, Minglun	Skeletal Triangulation for 3D Human Pose Estimation
4.109	867	Terzakis, George*; Lourakis, Manolis	Geometrically Consistent Light Field Synthesis using Repaint Video Diffusion Model
4.110	R2-255	Chakraborty, Devyoti*; Ghosh, Kiriti; Sukma, Zaki Indra*; Kim, In Kee; Ramaswamy, Nakamura, Tsubasa*; Sakurada, Ken; Nakano, Gaku	Enhanced Brain Tumor Segmentation Using Preprocessing Techniques and 3D U-Net
4.111	783	Kojima, Mizuki*; Okutomi, Masatoshi; Kawakami, Rei	Visibility-Aware Pixelwise View Selection for Multi-View Stereo Matching
4.112	164	Alagrami, Ali; Palmieri, Luca; Asian, Sinem; Peltito, Marcello; Vascon, Sebastiao*	Fast and Consistently Accurate Perspective-n-Line Pose Estimation
4.113	916	Liaw, Jerad Zherui*; Chai, Abel Yu Hao; Lee, Sue Han; Bonnet, Pierre; Joly, Alexis	An Empirical Evaluation of the Impact of Solar Correction in NeRFs for Satellite Imagery
4.114	368	Wei, Xiangpeng; Li, Yi*; Liu, Guisheng; Liu, Yating; Guo, Yanqing	Wavefront Neural Radiance Fields for Multi-depth Reconstruction
4.115	113	Parolari, Luca; Izzo, Elena*; Ballan, Lamberto	Few-shot View Synthesis Based on Geometric and Semantic Consistency
4.116	1018	Bing, Qi*; Zhang, Chaoyi; Cai, Weidong	Reassembling Broken Objects using Breaking Curves
4.117	R2-350	Zhang, Daocan*; Yang, Junming; Lyu, Hanjia; Jin, Zijian; Yao, Yuan; Chen, Mingkai;	Can Language Improve Visual Features For Distinguishing Unseen Plant Diseases?
4.118	623	Tiwari, Hans*; Pehlivan, Selin; Laaksonen, Jorma	PPCap: A Plug and Play Framework for Efficient Stylized Image Captioning
4.119	806	Zeng, JianShu*; Zhang, Chi	Harlequin: Color-driven Generation of Synthetic Data for Referring Expression Comprehension
4.120	491	Zhang, Daocan*; Yang, Junming; Lyu, Hanjia; Jin, Zijian; Yao, Yuan; Chen, Mingkai;	Learning to Synthesize Graphics Programs for Geometric Artworks
4.121	186	Zeng, JianShu*; Zhang, Chi	A Benchmark and Chain-of-Thought Prompting Strategy for Large Multimodal Models with Multiple Image Inputs
4.122	1188	Zeng, JianShu*; Zhang, Chi	Size-Modulated Deformable Attention in Spatio-Temporal Video Grounding Pipelines
4.123	1315	Zahran, Yousef*; Burghouts, Gertjan; Eisma, Yke	Distill the Knowledge of Multimodal Large Language Model into Text-to-Image Video Re-identification
4.124	R2-302	Liu, Yuanqiu; Yu, Hong; Li, Hui; Han, Xin; Liu, Han*	Anticipating Future Object Compositions without Forgetting
4.125	1311	Vaidya, Shreyas*; Sharma, Arvind K; Gatti, Prajwal; Mishra, Anand	Dual Branch Non-Autoregressive Image Captioning
4.126	R2-431	Wu, XinYu*; Hu, Xiaoxu; Qin, Xugong; Zheng, Peng; Zeng, Gangyan; guo, yu;	Show Me the World in My Language: Establishing the First Baseline for Scene-Text to Scene-Text Translation
4.127	213	Liu, Yang*; Liu, Daizong; Hu, Wei	Improving Multimodal Rumor Detection via Dynamic Graph Modeling
4.128	R2-210	Tsai, ChengYu; Lai, Shang-Hong*	Joint Top-Down and Bottom-Up Frameworks for 3D Visual Grounding
4.129	1400	Mirza, Samiha*; Gala, Apurva; Devarakota, Pandu; Nguyen, Vuong D; Mantini, Dai, Xin*; Deng, Haoge; Li, Ke; Qi, Yonggang	Few-Shot Deep Structure-based Camera Localization with Pose Augmentation
4.130	949	Carnemolla, Simone*; Calcagno, Salvatore; Palazzo, Simone; Giordano, Daniela	Recall-based Knowledge Distillation for Data Distribution based Catastrophic Forgetting in Semantic Segmentation
4.131	436	Schmalwasser, Laines*; Gawlikowski, Jakob; Denzler, Joachim; Niebling, Julia	Sketch2Seg: Sketch-based Image Segmentation with Pre-trained Diffusion Model
4.132	R2-478	Passat, Nicolas*; Perrin, Romain B; Radriganosoa, Tiantahina Jimmy Francky;	Back to Supervision: Boosting Word Boundary Detection through Frame Classification
4.133	R2-443	Mendes Forte, Julien*; Kenmochi, Yukiko; Passat, Nicolas	Exploiting Text-Image Latent Spaces for the Description of Visual Concepts
4.134	237	Panagiotakis, Costas*	New Algorithms For Multivalued Component-Trees
4.135	224	Mustafa, Hamza*; Molinara, Mario; Ferrigno, Luigi ; Vitelli, Michele	How to Modify the Tree of Shapes of an Image: Connected Operators Without Gradient Inversion
4.136	R2-44	yue, Yuan*	The 2D Shape Equipartition Problem under Minimum Boundary Length
4.137	993	Jing, Sun*; Su, Jianbo	A deep learning system for water pollutant detection based on the SENSIPUS microsensor
4.138	265	Wu, Shu*; Su, Xinmei; Xie, Xiang; Hu, Chenguang; Wang, Jing	Variational Autoencoder Learns Better Feature Representations for EEG-based Obesity Classification
4.139	361	Li, Cancan; Su, Fei; Liu, Juan*	Unsupervised Multi-level Search and Correspondence for Generic Voice-Face Feature Spaces
4.140	R2-135	Dremin, Mikhail*; Kozhemiakov, Konstantin; Molodetskiy, Ivan; Vatolin, Dmitriy S	Semi-Supervised Cross-lingual Speech Recognition Exploiting Articulatory Features
4.141	R2-389	Joshi, Vasudha*; Pabitra Mitra, Prof. Dr.; Bose, Supratik	Audio-visual Wake-up Word Spotting under Noisy and Multi-person Scenarios
4.142	1011	Jeong, Ayeong; Woo, YeongJu*; Kim, HanYoung; Suh, GaYun; Heo, Chaeyeon;	Machine-vision-aware quality metrics for assessing compressed images and videos
4.143	R2-435	Kaushik, Arjun Ramesh*; Julla, Charanjit; Ratha, Nalini	Contrastive and Restorative Pre-training for Medical VQA
4.144	R2-346	Mu, Qi*; Guo, Baizhang; Guo, Shuai; Li, Zhanli	Towards Building Secure UAV Navigation with FHE-aware Knowledge Distillation
4.145	960	Zhao, Zhenghao*; Tang, Hao; Yan, Yan	Adaptive Dynamic VSLAM: Refining Semantic-Geometric Fusion and Static Background Inpainting
4.146	668	Jiang, Jian-Jian; Wu, Xiao-Ming; Zibo, Chen; Wei, Yi-Lin; ZHENG, WEI-SHI*	Audio-Visual Navigation with Anti-Backtracking
4.147	R2-323	Wen, Gongcong*; Liang, Jiazhao; Yuan, Shuaifang; Huang, Hao; Hao, Yu; hui, lin;	iGrasp: An Interactive 2D-3D Framework for 6-DoF Grasp Detection
4.148	463	Li, Abiao; Lv, Chenlei; Mei, Guofeng; Zuo, Yifan; Zhang, Jing; Yang, Yuming*	Goal-Driven Transformer for Robot Behavior Learning from Play Data
4.149	R2-166	Kumari, Seema*; Patel, Samay Kalpesh; Mulhalaga, Raja; Ramam;	GSTran: Joint Geometric and Semantic Coherence for Point Cloud Segmentation
4.150	R2-188	Maurelli, Igor*; Corcaque, Pedro L; Froes, Cris L.; Lemos, Joao Francisco S;	PointGADM: Geometry Acquired Deep Model for 3D Point Cloud Analysis
4.151	861	Ballester, Irene; Peterka, Ondrej; Kampel, Martin	Geometric Deep Learning in Industrial Scenes: A Large-Scale 3D Synthetic Dataset
4.152	R2-362	Joshi, Soham*; Tripathi, Aditya; Gopalakrishnan, Viswanath; Chakraborty, Anirban	SPKE: 3D Human Pose from Point Cloud Sequences
4.153	1445	Song, Yu*; Fu, Ruiqiang; Hu, Qingyong; Li, Biao; Zhong, Ping	Enhancing 3D Referential Grounding by Learning Coarse Spatial Relationships
4.154	R2-271	Mishra, Aakansha*; Anand, Ashish; Guha, Pritiwillit	Content-Aware Feature Upsampling for Voxel-based 3D Semantic Segmentation
4.155	R2-262	Antonio, Greetta*; George, Sudhish; Mose, Jobin; Raja, Kiran	Visual Question Answering with Cascade of Self- and Co-Attention Blocks
4.156	981	Manzoor, Ayesha; Rattani, Ailita*	CroMA: Cross-Modal Attention for Visual Question Answering in Robotic Surgery
4.157	R2-270	Hallyburton, Tim*; Nair, Nilah Ravi; Moya Rueda, Fernando; Grzeszick, René; Fink, Du; Guocai; Zuo Peiyong; Yadikar, Nurbuya; Aysa, Alimjan; Ulbul, Kurban*	FineFACE: Fair Facial Attribute Classification Leveraging Fine-grained Features
4.158	R2-601	Majumdar, Puspa*; Sharma, Raghav; bhattacharyya, rohit; Prajesh, Balraj	Anonymousation for Time-Series Human Activity Data
4.159	326	Tianrui Zong, Lin Yang, Wei Luo, Wenhao Yu, Borui Cai, He Zhang, Fenghong Liu,	DDTrack: Dynamic Token Sampling for Efficient UAV Transformer Tracking
4.160	1745		Fair Latent Representation Learning with Adaptive Reweighting
4.161	R2-269		ICPR 2024 Competition on Multi-line Mathematical Expressions Recognition
4.162	R2-269		
4.163	COMP-3		

Poster ID	Paper ID	Authors	Poster Session 5	Paper Title
5.1	R2-298	Roy, Prasun*; Bhattacharya, Saumik; Ghosh, Subhankar; Pal, Umapada;	Semantically Consistent Person Image Generation	
5.2	272	Huang, YongLong*; Li, Nannan; Yu, Cheng; Deng, Fuqin; Ge, Ruiquan; Wang,	Make An Image Move: Few-shot based Video Generation Guided by CLIP	
5.3	264	Sadhukhan, Mrinmoy*	FUGAN: A GAN Based Facial Reconstructor For Accurate Unveiling Of Hidden Faces	
5.4	986	Agrawal, Palaash*; Vasania, Shavak; Tan, Cheston	Can LLMs perform structured graph reasoning tasks?	
5.5	587	Ranjit, Pratiksha; Gupta, Mohit; Gillem, Jon von; Yetrintala, Venkat; Arora, Vipul*	Adaptive Refiner based Few-Shot Font Generation	
5.6	R2-606	Kim, Seunghwan; Lee, Seungkyu*	Beta-Sigma VAE: Separating beta and decoder variance in Gaussian variational autoencoder	
5.7	R2-625	Goni, Osman*; Haldar, Mithun; Arka, Himadri Saha; Shibly, Mir Moynuddin Ahmed;	HingeRLC-GAN Combating Mode Collapse with Hinge Loss and RLC Regularizing	
5.8	110	Verma, Shashikant*; Raman, Shanmuganathan	SemFaceEdit: Semantic Face Editing on Generative Radiance Manifolds	
5.9	948	Chouhan, Sanjay*; Nath, Shubha Brata; Dutta, Aparajita	HindILM: Large Language Model for Hindi	
5.10	946	Kabir, Muhammad Rafsan*; Sultan, Rafeed Mohammad Mohammad; Asif, Ihsanul	Beyond Labels: Aligning Large Language Models with Human-like Reasoning	
5.11	205	Ma, Tianxiang*; Zhao, Kang; Sun, Jinxin; Zhang, Yingya; Dong, Jing	Freestyle 3D-Aware Portrait Synthesis Based on Compositional Generative Priors	
5.12	1128	Haindl, Michal*	Texture Spectral Decorrelation Criteria	
5.13	267	gu, songen*; Su, Jiming; duan, yiting; Chen, Xinyue; Luo, Junfeng; Zhao, Hao	Text2Street: Controllable Text-to-image Generation for Street Views	
5.14	908	Lee, Jaeseok*; Lee, Jaekoo	Controllable 3D object Generation with Single Image Prompt	
5.15	R2-133	Tang, Zichen; Yang, Hongyu*	ArtNeRF: A Stylized Neural Field for 3D-Aware Artistic Face Synthesis	
5.16	396	Liu, Dong*; Lin, Yueqian; Xu, Yunfei; Li, Ming	TMCSPeech: A CHINESE TV AND MOVIE SPEECH DATASET WITH CHARACTER DESCRIPTIONS AND A CHARACTER-BASED	
5.17	122	Huang, Zhiqi*; Xiong, Huixin; Wang, Haoyu; Wang, Longguang; Li, Zhenheng	Mask-ControlNet: Higher-Quality Image Generation with An Additional Mask Prompt	
5.18	N2-202	Ni, Xiziang*; Zhai, Weixin	T2R-GAN: A CGAN-based model for rural thematic road extraction	
5.19	R2-467	Liu, Wei*; Wang, Lian; Sun, Jun	NR-CION: Non-Rigid Consistent Image Composition Via Diffusion Model	
5.20	1655	Lai, Jinlin; Choudhury, Anustup*; Su, Guan-Ming	Outdoor Scene Relighting with Diffusion Models	
5.21	304	Jodas, Danilo Samuel*; Passos, Leandro A; Rodrigues, Douglas; Costa, Keltton A.	Graph Matching Networks Meet Optimum-Path Forest: How to Prune Ensembles Efficiently	

5.22	1426	gongjunlian, zhang*, Bai, Lu	SimDrop: Towards Deep Graph Convolutional Networks
5.23	169	Li, Kaijie; Zhao, Juanjuan; Li, Yan; Gao, Xifeng; Li, Ye; Ye, Kejiang	GCComplet: A Graph-based Deep Learning Method for Traffic State Imputation on Urban Road Networks
5.24	R2-564	Xia, Siqi; Rajasegarrar, Satharshan*; Pan, Lei; Leckie, Christopher, Erfani, Sarah;	ConDnGAD: Multi-augmentation Contrastive Learning for Dynamic Graph Anomaly Detection
5.25	848	Song, Liting; Ren, Qianqian*	Spatio-Temporal Heterogeneous Graph Neural Network With Multi-View Learning For Traffic Prediction
5.26	1500	Miranda, Maria; Passos, Leandro A; Fanchini, Felipe; Rodrigues, Douglas; Costa,	A Quantum-Inspired Approach to Estimate Optimum-Path Forest Prototypes based on the Traveling Salesman Problem
5.27	R2-96*	Wu, Liang; Wu, Jianing*	Adaptive Graph Convolutional Fusion Network for Skeleton-based Abnormal Gait Recognition
5.28	335	Sun, Xun; Xiao, Xi; Wang, Zhaoguo; hu, guangwu; Jiang, Xuhui; Zhang, Bin; Li,	Understanding the Influence of Extremely High-degree Nodes on Graph Anomaly Detection
5.29	1504	Bahri, Omar*; Li, Peiyu; Filali Boubrahimi, Soukaina; Hamdi, Shab Muhammad	Densifying Optimization-Based Counterfactual Explanations for Time Series Classification
5.30	809	Cheng, Keyang*; Zhou, Hao; Wan, Hao	Interpreting Convolutional Neural Network Decision via Pixel-wise Interaction Hierarchy Graph
5.31	R2-145	Xie, Wen; Luan, Lingfei; Zhu, Yanjun; Bart, Yakov; Ostadabbas, Sarah*	Multimodal Drivers of Attentional Interruption to Baby Product Video Ads
5.32	235	Devkatté, Trinetra*; Dubey, Shiv Ram*; Singh, Satish Kumar; Hadid, Abdenour	Face to Cartoon Incremental Super-Resolution using Knowledge Distillation
5.33	283	Yang, Jing*; Rao, Xinzhi	Copula Intropy Based Causal Network Discovery from Non-stationary Time Series
5.34	1442	Zhang, Bowen; Shailja, S.; Gudavalli, Chandrakanth*; Levenson, Connor; Khan,	ReeSPOT: Reeb Graph Models Semantic Patterns of Normalcy in Human Trajectories
5.35	1131	Banerjee, Kunal*; Dasgupta, Soumik; Wagh, Anurag; Parsai, Lalitdutt; Gupta,	wALLMarCache: A Distributed, Multi-Tenant and Enhanced Semantic Caching System for LLMs
5.36	53	Xie, Zhaoping*; Zhang, Xiangjin; Wang, Yunfei; Jie, Xuanyao; Fang, Wenhao; Cai,	Improving Adaptive Runoff Forecasts in Data-Scarce Watersheds Through Personalized Federated Learning
5.37	904	Gupta, Anupam*; Mitra, Pabitra; Misra, Sudip	Stagger-Cache MITM: A Privacy-Preserving Hierarchical Model Aggregation Framework
5.38	939	Kochliariadis, Vasileios*; Pterros, Ioannis; Romanos, Georgios; Vlahavas, Ioannis	VIT*2 - Pre-training Vision Transformers for Visual Times Series Forecasting
5.39	R2-416	Manduca, Giovanni Maria; Furnari, Antonino*; Farinella, Giovanni Maria	The Analog Layer: Simulating Imperfect Computations in Neural Networks to Improve Robustness and Generalization Ability
5.40	1453	Yadav, Archana; Pareek, Vishakha*; Agarwal, Akshay; Chaudhury, Santanu	Neural Encoding of Odors: Translating Odors into Unique Digital Representation with EEG Signals
5.41	R2-231	Sheikh, Javad*; Farahnakian, Farshad; Farahnakian, Fahimeh; Zello, Luca;	SEDA: Similarity-Enhanced Data Augmentation for Imbalanced Learning
5.42	R2-308	Gungor, Onat; Rios, Amanda S*; Mudgal, Priyanka; Ahuja, Nilesh A; Rosing,	A Robust Framework for Evaluation of Unsupervised Time-Series Anomaly Detection
5.43	R2-420	Sargolzaei, Saleh; Rueda, Luis*	Improving Out-of-Distribution Data Handling and Corruption Resistance via Modern Hopfield Networks
5.44	R2-194	Paul, Riti*; Vora, Sahil; Thakur, Nupur; Li, Baoxin	A-FSL: Adaptive Few-Shot Learning via Task-Driven Context Aggregation and Attractive Feature Refinement
5.45	1042	Li, Cheng-Lin; Zhang, Heng; Chen, Yi*; Ren, MinSi	Recognition of Online Handwritten Chinese Texts in Any Writing Direction via Stroke Classification Based Over-Segmentation
5.46	1765	Leão, Jhonatan M*; Silva, Jacson RC; Oliveira-Santos, Thiago; Badue, Claudine;	Few-Shot Copycat: Improving Performance of Black-Box Attack with Random Natural Images and Few Examples of Problem Domain
5.47	708	Sarma, Sandipan*; Sai Ram Mohan, Gundameedi; Sehgal, Hariansh; Sur, Arjit	Zero-Shot Underwater Gesture Recognition
5.48	771	Dasgupta, Anirban*; Sengupta, Anwesha*; Bhattacharya, Shubhobrata	Optic Atrophy Classification from Fundus Images with Few-Shot Learning
5.49	1160	Das, Abhijit*; Gorade, Vandana; Jha, Debesh; Biswas, Koushik; Bagci, Ulas	ProFONet: Prototypical Feature Space Optimized Network for Few Shot Classification
5.50	258	Shenoy, Vineet R*; Chellappa, Rama	Robust Feature Space Organization with Distillation for Few-Shot Object Detection
5.51	1097	Li, Haiyang*	Image-Text Sarcasm Detection for Enhanced Understanding
5.52	R2-532	Ambati, Shivanvitha*; Padmanabhan, Vineet; Naik, Wilson; Prasad, Rajendra	Interpretable Visual Semantic Alignment via Spectral Attribution
5.53	1518	Avogaro, Andrea*; Capogrosso, Luigi; Fummi, Franco; Cristiani, Marco	Diff4F: Leveraging Multimodal Diffusion Models and Graph Neural Networks for Accurate New Fashion Product Performance Forecasting
5.54	R2-134	Zhang, Jie*; Li, Mingyong	Joint Modal Heterogeneous Balance Hashing for Unsupervised Cross-Modal Retrieval
5.55	1143	Zhang, Nana; Xiong, Min*; Zhu, Dandan; Zhu, Kun; Zhai, Guangtao	DiffSal: Text-guided Diffusion Saliency Prediction Model for Images
5.56	1388	Wu, Xing*; Liu, Kehong; Wang, Jianjia; Song, Jun; Yao, Junfeng	Candidate evaluation with multimodal data-driven for recruitment
5.57	982	Luo, Zhihong*; Li, chengzhi; Tao, Zheng; He, Kexin; Xu, Yitao	MC-DBN: A Deep Belief Network-Based Model for Modality Completion
5.58	1281	Hu, Zhangfeng*; Zheng, Wenming; Wei, Mengqing; Shi, Mengxin; Zong, Yuan	Missing Customized Distillation Network for Incomplete Multimodal Sentiment Analysis
5.59	1552	Xue, Yi; Ren, Qianqian*	Multi-scale Dilated Attention Enhanced Multi-modal Self-supervised GANs for Recommendation
5.60	1227	Biswas, Kunal; Palaiiahnaktek, Shivakumara*; Pal, Umapada; Chanda, Sukalpa;	A New Impressive and Expressive Features based Model for Personality Traits Identification
5.61	1699	Li, Wen-Dong*; ZHENG, WEI-SHI	Text Query Zero-shot 3D Style Transfer of Image Neural Radiance Fields
5.62	849	LIU, Yi*; Kumawat, Sudhakar; Nagahara, Hajime	Deep Hardware Modality Fusion for Image Segmentation
5.63	915	Sun, Li*; Wang, Luan; Sun, Jun; Okatani, Takayuki	Temporal Insight Enhancement: Mitigating Temporal Hallucination in Multimodal Large Language Models
5.64	132	Ni, Mahendran	132VIT: Pushing Transformers towards the end because of convolutions
5.65	R2-411	Maitra, Charan; Sengupta, Anwesha; De, Rajat K.*	NeuroDAVIS-FS: Feature selection through visualization using NeuroDAVIS
5.66	415	Kelm, André P.*; Hannemann, Niels; Heberle, Bruno; Schmidt, Lucas; Rolf, Tim;	Dynamic Inference and Top-down Attention in a Hierarchical Classification Network
5.67	1031	Li, Xinjie; Tang, Jianxiong; Lai, Jian-Huang*	EB-SNN: An Ensemble Binary Spiking Neural Network for Visual Recognition
5.68	292	Curado, Manuel*; vicent, Jose; Semper, Marc	GeoCC-ConvLSTM: a Model for Nationwide Air Quality Forecasting
5.69	1261	Zhao, Yongsheng*; Wang, Fei; Jiang, Kai; Jianqiang Sheng, Jianqiang	Pop2Vox: A Point Cloud Data-Driven 3D Reconstruction Method for Single-View Images
5.70	1510	Dwivedi, Vikas*	Global versus Local: Evaluating AlexNet Architectures for Tropical Cyclone Intensity Estimation
5.71	R2-291	Wu, Chengzhi*; wang, kaijie; Zhong, Zeyun; Fu, Hao; Zheng, Junwei; Zhang,	Rethinking Attention Module Design for Point Cloud Analysis
5.72	895	zhao, pinjie*; yang, lei; wang, kaixin; jiang, yuhao; li, kangshun	Multi-scale Enhanced Convolutional Intermediary Attention Networks for Multivariate Long-term Time Series Forecasting
5.73	148	cao, shuai*; Wang, Rui; Fu, Ruijie; Wu, Tianhao; Peng, Linhui; Wang, Jianjun	WHDY: A wheat ear detection and counting method based on improved convolutional neural network
5.74	R2-568	EL ASSAL, Mireille*; Tirilly, Pierre; BILASCO, Ioan Marius	S3TC: Spiking Separated Spatial and Temporal Convolutions with Unsupervised STDP-based Learning for Action Recognition
5.75	1454	Dwivedi, Shubham*; Sandhan, Tushar; Pandey, Om Jee; Hegde, Rajesh M.	swCNN: A Small World Convolutional Neural Network for Efficient Training
5.76	R2-114	Dong, Zhiwei*; Ding, Ran; wang, jiaxiang; Li, Wei	Efficient Long-Range Context Modeling for Motion Forecasting with State Space Models
5.77	770	Li, Yaqi; Guo, Qingbei*; Li, Zhongtao	SUMMNet: Using Transformer as a Summary of ConvNet
5.78	1788	Matsukawa, Tetsu*; Suzuki, Einoshin	A Robust Person Shape Representation via Grassmann Channel Pooling
5.79	1774	nl, salma*; Bouazizi, Samar*; Ifli, hela	Ensemble multi-task learning approach for Explainable EEG-based stroke prediction
5.80	R2-57	Fu, Penghao; Jung, Cheolkon*; Liu, Yang; Li, Ming	Progressive Learning Based on QP Distance for Enhancing HOP In-Loop Filter
5.81	R2-69	Hu, Yusong; Jung, Cheolkon*; Liu, Yang; Li, Ming	Asymmetric Learned Image Compression Using Fast Residual Channel Attention
5.82	R2-72	Mei, Lin; Zhang, Hao; Jung, Cheolkon*	LDINet: Long Distance Imaging Through RGB and NIR Image Fusion
5.83	1490	Ihm, Niklas Johannes*; Kalkhof, John Orlando; Mokhopadhyay, Anirban	Localized Data Representation with NCA-Based Autoencoders
5.84	1025	Xiao, Yewei; Huang, Jian*; Liu, Xuanming; Zhu, Aosu	Conformer-based Audio Visual Speech Recognition with Taylor Attention
5.85	437	Chaoshun, Hu; Ye, Biaohua; Chen, Zixuan; Lai, Jian-Huang*	Breaking Information Silos: Global Guided Task Prediction for Class-Incremental Learning
5.86	1129	Ayyar, Meghna P*; Benois-Pineau, Jenny; Zemmari, Akka	ESL: Explain to Improve Streaming Learning for Transformers
5.87	379	Park, Seongbeom; Jung, Haeji; Chae, Daewon; Yun, Hyunju; Kim, Sungyoon;	Text-driven Prototype Learning for Few-Shot Class-Incremental Learning
5.88	656	Katsikas, Dimitrios*; Passalis, Nikolaos; TEFAS, ANASTASIOS	Plasticity Driven Knowledge Transfer for Continual Deep Reinforcement Learning in Financial Trading
5.89	893	Parga, César D.*; Pardo, Xosé M.; Requeiro, Carlos V.	Mapping the Unknown: A New Approach to Open-World Video Recognition
5.90	1592	Song, Yiran*; Zhou, Qianyu; Ma, Lizhuang	Source-free Test-time Adaptation For Online Surface-defect Detection
5.91	1652	Laurens, Israel André*; Britto, Alceu; Lameiras Koerich, Alessandro; Barddal, Jean	Alleviating Catastrophic Forgetting in Facial Expression Recognition with Emotion-Centered Models
5.92	698	Gao, Han*; Luo, Huiyuan; Shen, Fei; Zhang, Zhengtao	Orthogonal Latent Compression for Streaming Anomaly Detection in Industrial Vision
5.93	386	Su, Shilin; Chen, Zhaolie; Liang, Guoqing*; Zhang, Shizhou; Zhang, Yanning	Dual Supervised Contrastive Learning Based on Perturbation Uncertainty for Online Class Incremental Learning
5.94	465	Laiti, Francesco; Liberatori, Benedetta*; De Min, Thomas; Ricci, Elisa	Conditioned Prompt-Optimization for Continual Deepfake Detection
5.95	R2-540	Tian, Long*; Sorrenti, Amelia; Pang, Yik Lung; Bellitto, Giovanni; Palazzo, Simone;	Incremental Object 6D Pose Estimation
5.96	831	Guo, Liangxuan; chen, yang; Yu, Shan*	Out-of-distribution forgetting: vulnerability of continual learning to intra-class distribution shift
5.97	852	Mukherjee, Arnabi; Mandal, Sourab*; Dutta, Paramartha	Generating Multi-objective Fronts from Streamed Data using Nested List
5.98	1514	Maity, Aranyak*; Banerjee, Ayan; Gupta, Sandeep	Detection of Unknown Errors in Human-Centered Systems
5.99	1673	Purkayastha, Kunal; Sarkar, Shashwat*; Palaiiahnaktek, Shivakumara*; Pal,	DITS: A New Domain Independent Text Spotter
5.100	R2-641	Ghosh, Ayanabha*; Jain, Rishi; Parida, Shubham; Das, Debasis	TS-NUC : Nearest Unlike Cluster guided Generative Counterfactual Estimation for Time Series Classification
5.101	R2-407	Palaskar, Santosh Nanabhau*; Sajja, Surya Shrawan Kumar; Hemachandra,	HRA: Heuristic Reordering Approach for Preserving Dependency in Hierarchical Time Series Forecasting
5.102	220	Woo, Simon S; Lee, Kangjun*	Satellite State Prediction and Maneuver Detection Analysis using NCDES
5.103	544	Paidi, Avinash*; Jagravi, Istapriya; Mitra, Pabitra	Rough Set Theoretic Approach for Solving the Multi-Armed Bandit Problems
5.104	216	Trivedy, Vivek*; Almalki, Amani H; Latecki, Longin Jan	Learning Object Focused Attention
5.105	147	Li, Lening*; Luo, Lei; Sun, Yanguang	Hybrid Graph Representation Learning: Integrating Euclidean and Hyperbolic space
5.106	R2-98	Zhang, Yuhang; Zhang, Wenjie; Hua, Yang; Wang, Zun; Song, Xiaoning*; Wu,	Cluster-Mined Negative Samples for Enhanced Unsupervised Sentence Representation Learning
5.107	R2-639	Li, Jiatong*; Basioti, Kalliopi; Pavlovic, Vladimir	Box2Flow: Instance-based Action Flow Graphs from Videos
5.108	1777	Vasilescu, Alex*	Causal Deep Learning
5.109	R2-452	Zheng, Jiangbin*; Li, Stan Z.	CCPL: Cross-modal Contrastive Protein Learning
5.110	1527	Bora, Revoti Prasad*; Terhórst, Philipp; Veldhuis, Raymond; Ramachandra,	CoFE: Consistency-driven Feature Elimination for eXplainable AI
5.111	250	Liu, Lingen*; Chen, Zixin; Chen, Guang	SPCSE: Soft Positive Enhanced Contrastive Learning for Sentence Embeddings
5.112	291	Chen, Shangyu*; Zhao, He; Huynh, Viet; Phung, Dinh Q; Cai, Jianfei	Neural Topic Model with Distance Awareness
5.113	1691	Kim, Hyunsoo*; Kim, Jun Hee; Son, Jaeman; Song, Jihoon; Lee, Eunjo	A Framework for Mining Collectively-Behaving Bots in MMORPGs
5.114	1344	Bonnard, Jules*; Dapogny, Amaud; Dhombres, Ferdinand; Bailly, Kevin	Ontology-Guided Learning for Obesity and Gynecology
5.115	1633	Xing, Songlong*; Peruzzo, Elio; Sangineto, Enver; Sebe, Nicu	From One to Many Lorkettes: Discovering Image Analogies in the CLIP Space
5.116	928	Wang, Yu*; Zhao, Xiaoyan; Yang, Xinji	Non-symmetrical Confidence Interval of AUC Measure Based on Cross-Validation
5.117	R2-274	Liang, Shenyuan; Beaudet, Benjamin E; Turaga, Pavan; Anand, Saket; Srivastava,	Learning Geometry of Pose Image Manifolds in Latent Spaces Using Geometry-Preserving GANs
5.118	1356	Payne, Ethan R; Patrick, David; Fernandez, Amanda S*	Visualizing and Generalizing Integrated Attributions
5.119	1357	Payne, Ethan R; Patrick, David; Fernandez, Amanda S*	Explaining Model Parameters Using the Product Space
5.120	136	R, Kavitha*	Quantitative Structure-Activity Relationship Modeling for the Prediction of Fish Toxicity Lethal Concentration on Fathead Minnow
5.121	621	Zhuanq, Xiaotian; Wang, Yongwu*; Hao, Shiqi; Wang, Xiaoyang	Enhancing Graph Topology and Clustering Quality: A Modularity-Guided Approach
5.122	1083	Rastogi, Reshma*; Nirwal, Dev	Improved Hypergraph Laplacian Based Semi-Supervised Support Vector Machine
5.123	1159	Rastogi, Reshma*; Chaudhury, Sayanta	Binary-Tree based Mean-Averaging estimation for Multi-label Classification
5.124	1606	Zhai, Haoyu; Fei, Zexuan; Ma, Yan*	A Novel Outlier Detection Algorithm Based on Symmetry and Distance Ratio
5.125	1174	Vu, Trung Hieu*; Elyan, Eyad; Nguyen, Thanh Tien; Dang, Truong; Vorley, Will;	FAT: Fusion-Attention Transformer for Remaining Useful Life Prediction
5.126	R2-495	Somavaramu, Tarun; Chauhan, Anand Vir Singh; Singh, Maneet*; Pandey,	Event-aware multi-component (EM) Loss for Fraud Detection
5.127	140	Rohit, Blaž*; Fučka, Matic; Kocaj, Danijel	SuperSimpleNet: Unifying Unsupervised and Supervised Learning for Fast and Reliable Surface Defect Detection
5.128	R2-654	Ponomarev, Andrew*	A Simple Heuristic for Controlling Human Workload in Learning to Defer
5.129	762	Wang, Naihao*; Hong, Shushi; Kexin, Meng; Li, Ruiui	Enhancing the Quality of Pseudo Labels in 2D Human Pose Estimation via a Debiasing-Teacher Approach
5.130	R2-62	Yao, Yuchong*; Nandakishor, Nandakishor; Palaniswami, Marimuthu	MOMA: Contrastive Learning Distills Better Masked Autoencoders
5.131	356	Sawada, Azusa*; Shibata, Takashi; Yokoyama, Keiko; Yachida, Shoji; Hosoi,	PostAugment: Adversarial Data Augmentation with Hard Sample Suppression by Incorrect Class Likelihood
5.132	659	Konii, Haruki*; Nakano, Teppi; Miyazawa, Yasumasa; Ogawa, Tetsuji	Leveraging Data from Vast Unexplored Seas: Positive Unlabeled Learning for Refining Prediction Area in Good Fishing Ground Prediction
5.133	90	Manna, Siladitya*; Bhattacharya, Saumik; Pal, Umapada	Correlation Weighted Prototype-based Self-Supervised One-Shot Segmentation of Medical Images
5.134	951	Priya, Ishu*; Mohan, C. Krishna	FL-PSeC: Federated Learning-Pseudo Labeled Medical Image Segmentation with Personalized Class Balancing Semi-supervised Approach
5.135	398	John, Vijay*; Kawanishi, Yasutomo	Generating Pseudo-Strong Labels from Weak Labels for Multi-Source Sound Event Detection
5.136	1285	Chouhan, Avinash*; Chandak, Mayank; Sur, Arjit; Ch utia, Dibyajyoti; Aggarwal,	RADA: Reconstruction Assisted Domain Adaptation for Nighttime Aerial Tracking
5.137	844	Dulam, Rohit Venkata Sai*; Kamthammettu, Chandra	SODAWideNet++: Combining Attention and Convolutions for Salient Object Detection
5.138	820	KUMAR, SONAL*; Sur, Arjit; Dutta Baruah, Rashmi	GraPix: Exploring Graph Modularity Optimization for Unsupervised Pixel Clustering
5.139	R2-109	Cao, Junhao*; Chen, Junyi; Huang, Sibao; Zhang, Dongyu	Leveraging Cross-Augmentation Consensus and Conflict for Semi-Supervised Semantic Segmentation
5.140	945	Yutong, Jiang; Wu, Xing; Wang, Jianjia*	Quantifying racial segregation through continuous-time quantum walks
5.141	400	Leonardi, Francesco*; Riesen, Kaspar	Dissimilarity-Based Graph Embedding: An Efficient GAT-based Approach
5.142	R2-562	Patil, Shanta Hardas*	Evaluation of Machine Learning Techniques for Classification of Surface Roughness of Machined Samples using Laser Speckle Imaging
5.143	R2-286	Zhao, Xunda; Wu, Xing; Wang, Jianjia*	Explore Statistical Properties of Undirected Unweighted Networks from Ensemble Models
5.144	709	TK, BALAJI; Bablani, Annushree*; S R, Sreeja; Misra, Hemant	SARCOVID: A framework for sarcasm detection in Tweets using hybrid transfer learning techniques
5.145	1274	Bhaumik, Kishor Kumar*; Kim, Minha; Niloy, Fahim Faisal; Ahsan Ali, Amin; Woo,	SSMT: Few-Shot Traffic Forecasting with Single Source Meta-transfer Learning
5.146	R2-316	Wang, Guangshuo; Zhu, Yuesheng*; Luo, Guibo	DACOA: Diffusion-Aligned Coherent Augmentation and Consistency Constraint Strategies for Federated Domain Generalization

5.147	1226	Dey, Rakesh; Palaiahnakote, Shivakumara*; Bhattacharya, Saumik; Pal ,	A New StyleGAN Latent Space based Model for Image Editing
5.148	887	Sun, Xiaona; Wu, Zhenyu*; Zhan, Zhiqiang; Ji, Yang	Contrastive Conditional Alignment based on Label Shift Calibration for Imbalanced Domain Adaptation
5.149	R2-241	Lee, Jiseok*; Iwana, Brian K	Model Selection with a Shapelet-based Distance Measure for Multi-source Transfer Learning in Time Series Classification
5.150	614	Jian, Yiren*; Gao, Chongyang; Zeng, Chen; Zhao, Yunjie; Vosoughi, Soroush	Knowledge from Large-Scale Protein Contact Prediction Models Can Be Transferred to the Data-Scarce RNA Contact Prediction Task
5.151	475	Park, Nokyung*; Chae, Daewon; Shim, Jeongyong; Kim, Sangpil; Kim, Eun-Sol;	Clustering-based Image-Text Graph Matching for Domain Generalization
5.152	R2-327	Xu, Yuanyuan*; Kan, Meina; Ji, Zhilong; Bai, Jinfeng; Shan, Shiguang; Chen, Xilin	Collaborative Domain Alignment for Multi-Source Domain Adaptation
5.153	44	Serratos, Francesc*	Drug Potency prediction based on Autoencoders and Graph Autoencoders
5.154	931	Liu, Guangsheng*; Xinbo, Ai;Luo, Wenbin; Li, ange	Mitigating Hallucination in Large Language Model by Leveraging Decoder Layer Contrastive
5.155	1216	Zheng, Jintu; Liang, Yun*; Zhang, Yuqing ; Su, Wanchao	Memory Matching is not Enough: Jointly Improving Memory Matching and Decoding for Video Object Segmentation
5.156	1247	Mezghich, Mohamed Amine*	Quaternion Squeeze and Excitation Networks : Mean , Variance , Skewness , Kurtosis As One Entity
5.157	1624	Wei, Zimian*; Pan, Hengyue ; Li, Lujun; Dong, Peijie; Li, Dongsheng	TVT: Training-free Vision Transformer Search on Tiny Datasets
5.158	R2-517	Banerjee, Sreejata*; Sadhukhan, Aditya; Das, Arijit; Saha, Diganta	Cross Lingual Synopsis Generation in English, Dutch, Vietnamese, Indonesian, Russian, Portuguese, Korean, Hindi and French
5.159	COMP-4	Shankar Gangisetty, Abdul Wasi Lone, Shyam Nandan Rai, C.V. Jawahar	ICPR 2024 Competition on Rider Intention Prediction
5.160	COMP-8	Asfak Ali, Arya Pandit, Shirshendu Mandal, Srinjan Bhattacharjee, Saptik Maiti,	ICPR 2024 Competition on Visual Tracking in Adverse Conditions (VISTAC)
5.161	COMP-9	Swati Bhugra, Prerana Mukherjee, Vinay Kaushik, Siddharth Srivastava, Manoj	ICPR 2024 Competition on Leaf Inspect: Leaf Instance Segmentation and Counting
5.162	COMP-11	Soham Poddar, Biswajit Paul, Moumita Basu, Saptarshi Ghosh	ICPR 2024 Competition on Multilingual Claim-Span Identification
5.163	COMP-14	Sofia Marino, Jennifer Vandoni, Emanuel Aldea, Ichraq Lemghari, Sylvie Le	ICPR 2024 Competition on Domain Adaptation and GEneralization for Character Classification (DAGECC)