

Room	Start	End	ID	Title	Order	Last	First	Country
Monday, August 22								
520	9:00	10:00		Maria Petrou Prize Lecture: Towards Practical Biometrics: Face and Gait	1	Wang	Yunhong	China
523	10:00	12:00		Monday Morning Poster Session				
523	10:00	12:00	68	Detect Audio-Video Temporal Synchronization Errors in Advertisements-(Ads)	1	Liu	Zongyi	United States of America
523	10:00	12:00	290	Se <sup>2</sup> NAS: Self-Semi-Supervised Architecture Optimization for Semantic Segmentation	2	Pauletto	Loïc	France
523	10:00	12:00	742	Guided-Crop Image Augmentation for Small Defect Classification	3	Orti	Joan	Spain
523	10:00	12:00	905	Learning to Adapt to Domain Shifts with Few-Shot Samples in Anomalous Sound Detection	4	Chen	Bingqing	United States of America
523	10:00	12:00	1604	Projection of Semi-Shapes for Rotational Symmetry Detection	5	Nguyen	Thanh Phuong	Vietnam
523	10:00	12:00	1734	Automatic Detection and Fitting of Ellipse Markers Using EllipseNet	6	Qian	Zhengda	China
523	10:00	12:00	21	Semi-Supervised Dual-Domain Adaptation for Semantic Segmentation	7	Agam	Gady	United States of America
523	10:00	12:00	62	Accelerating the creation of instance segmentation training sets through bounding box annotation	8	Sayez	Niels	Belgium
523	10:00	12:00	293	Embedding Spatial Relations in Visual Question Answering for Remote Sensing	9	Lobry	Sylvain	France
523	10:00	12:00	531	On the Robustness of Cross-Lingual Speaker Recognition Using Transformer-Based Approaches	10	Wu	Yi-Chieh	Taiwan
523	10:00	12:00	549	Cross-Modal Temporal Semantic Alignment for Audio-Visual Event Localization	11	Lee	Jangho	Korea, South
523	10:00	12:00	780	Estimation of the Noise Level Function for Color Images Using Mathematical Morphology and Non-Parametric Statistics	12	Esteban	Baptiste	France
523	10:00	12:00	876	Weakly Supervised Fire and Smoke Segmentation with CAM and CRF	13	Bernardino	Alexandre	Portugal
523	10:00	12:00	941	Resolution Transfer for Object Detection from Satellite Imagery	14	McCloskey	Scott	United States of America
523	10:00	12:00	974	Multi-Band Texture Modeling Using Finite Mixtures of Multivariate Generalized Gaussian Distributions	15	Allili	Mohand Said	Canada
523	10:00	12:00	1011	Unsupervised Hierarchical Disentanglement for Video Prediction	16	Motallebi	Mohammad Reza	Japan
523	10:00	12:00	1053	Light-Weight Frequency Information Aware Neural Network Architecture for Voice Spoofing Detection	17	Choi	Sunmook	Korea, South
523	10:00	12:00	1066	Adversarial Attack on Semantic Segmentation Preprocessed with Super Resolution	18	Lim	Gyeongsup	Korea, South
523	10:00	12:00	956	Unsupervised Low-Light Image Enhancement with Decoupled Networks	19	Luo	Jiebo	
520	10:30	12:00		Stereo and 3D Vision				
520	10:30	12:00	6	OPEN: Order-Preserving Pointcloud Encoder-Decoder Network for Body Shape Refinement	1	Zhu	Haidong	United States of America
520	10:30	12:00	165	Points to Patches: Enabling the Use of Self-Attention for 3D Shape Recognition	2	Berg	Axel	Sweden
520	10:30	12:00	296	Exploiting Sequential Contexts Using Transformer for 3D Hand Pose Estimation	3	Etemad	Ali	Canada
520	10:30	12:00	1261	DenseGAP: Graph-Structured DenseCorrespondence Learning with Anchor Points	4	Zhao	Yajie	United States of America
524A	10:30	12:00		Applications				
524A	10:30	12:00	24	Robust 3D Rotation Invariant Local Binary Pattern for Volumetric Texture Classification	1	Lu	Shengyu	United Kingdom
524A	10:30	12:00	603	Scene Aware Semantic Crack Segmentation from Oblique Drone Imagery	2	Wan	Xue	China
524A	10:30	12:00	666	Text-Guided Visual Representation Learning for Medical Image Retrieval Systems	3	Kurtz	Camille	France
524A	10:30	12:00	1238	PRNU-Net: A Deep Learning Approach for Source Camera Model Identification Based on Videos Taken with Smartphone	4	Al-maadeed	Somaya	Qatar
524B	10:30	12:00		Classification and Clustering 1				
524B	10:30	12:00	34	MeFirst Ranking and Multiple Dichotomies	1	Nagy	George	United States of America
524B	10:30	12:00	48	A Curvature Based Isometric Feature Mapping	2	Levada	Alexandre	Brazil
524B	10:30	12:00	177	Efficient Dynamic Texture Classification with Probabilistic Motifs	3	RAGOT	Nicolas	France
524B	10:30	12:00	507	Learning to Aggregate and Refine Noisy Labels for Visual Sentiment Analysis	4	Luo	Jiebo	United States of America
524C	10:30	12:00		Natural Language Processing 1				
524C	10:30	12:00	142	KPI-BERT: A Joint Named Entity Recognition and Relation Extraction Model for Financial Reports	1	Hillebrand	Lars	Germany
524C	10:30	12:00	310	Entity-Driven Fact-Aware Abstractive Summarization of Biomedical Literature	2	Alambo	Amanuel	United States of America
524C	10:30	12:00	543	GAIM: Graph-Aware Feature Interactional Model for Spam Movie Review Detection	3	Song	Xueqiang	China
524C	10:30	12:00	566	Who Wants to Be a Click-Millionaire? On the Influence of Thumbnails and Captions	4	Grabner	Helmut	Switzerland
520	13:00	14:00		Audio-visual learning	1	Grauman	Kristen	United States of America
520	14:00	15:30		Faces				
520	14:00	15:30	245	Deep Face Generation from a Rough Sketch Using Multi-Level Generative Adversarial Networks	1	Jung	Cheolkon	China
520	14:00	15:30	271	On the Effectiveness of Synthetic Data Sets for Training Person Re-Identification Models	2	Delussu	Rita	Italy
520	14:00	15:30	1507	Facial Expression Translations Preserving Speaking Content	3	Atsushi	Nakazawa	Japan
520	14:00	15:30	1566	Attentional-Guided Fine-Grained Feature Learning for Face Forgery Detection	4	ZHU	Yizhe	China
524A	14:00	15:30		Natural Language Processing 2				
524A	14:00	15:30	371	ISD-QA: Iterative Distillation of Commonsense Knowledge from General Language Models for Unsupervised Question Answering	1	Aakur	Sathyanarayanan	United States of America
524A	14:00	15:30	647	A Novel Pattern-Based Edit Distance for Automatic Log Parsing	2	Raynal	Maxime	France
524A	14:00	15:30	1073	InducT-GCN: Inductive Graph Convolutional Networks for Text Classification	3	Wang	Kunze	Australia

Room	Start	End	ID	Title	Order	Last	First	Country
524B	14:00	15:30		Object Detection and Recognition				
524B	14:00	15:30	376	Aggregating Global Features into Local Vision Transformer	1	Patel	Krushu	United States of America
524B	14:00	15:30	591	MAP-Gen: An Automated 3D-Box Annotation Flow with Multimodal Attention Point Generator	2	Lam	Edmund	China
524B	14:00	15:30	689	Jointformer: Single-Frame Lifting Transformer with Error Prediction and Refinement for 3D Human Pose Estimation	3	Ghosal	Koustav	Ireland
524B	14:00	15:30	841	Image Grid Recognition and Regression for Fast and Accurate Face Detection	4	Zhou	Liguo	Germany
524C	14:00	15:30		Classification and Clustering 2				
524C	14:00	15:30	530	Mitigating Observation Biases in Crowdsourced Label Aggregation	1	Ueda	Ryosuke	Japan
524C	14:00	15:30	767	Anomaly Detection Via Learnable Pretext Task	2	JEZEQUEL	Loic	France
524C	14:00	15:30	1410	Reinforcement-Based Display Selection for Frugal Learning	3	Sahbi	Hichem	France
524C	14:00	15:30	1453	Kolmogorov-Smirnov and ROC Curve Metrics for Binary Classification Performance Assessment Are Equivalent	4	Leitão Adeodato	Paulo Jorge	Brazil
523	14:00	16:00		Monday Afternoon Poster Session				
523	14:00	16:00	599	Comparison of Methodologies for Detecting Feeding Activity in Aquatic Environment	1	Bernardino	Alexandre	Portugal
523	14:00	16:00	277	FaceQAN: Face Image Quality Assessment Through Adversarial Noise Exploration	2	Babnik	Ziga	Slovenia
523	14:00	16:00	302	Hardware-Efficient Ultrasonic Entrance Counting: Comparing Different Machine Learning Approaches	3	Langer	Tim	Germany
523	14:00	16:00	347	CorrLoss: Integrating Co-Occurrence Domain Knowledge for Affect Recognition	4	Pahl	Jaspar	Germany
523	14:00	16:00	606	Sensor Data Simulation with Wandering Behavior for the Elderly Living Alone	5	Tanaka	Kai	Japan
523	14:00	16:00	660	Utilizing CNNs for Cryptanalysis of Selective Biometric Face Sample Encryption	6	Hofbauer	Heinz	Austria
523	14:00	16:00	661	Label-Based Multiple Object Ensemble Tracking with Randomized Frame Dropping	7	Kawanishi	Yasutomo	Japan
523	14:00	16:00	800	3D Face Reconstruction for Forensic Recognition - a Survey	8	Maurizio	Simone	Italy
523	14:00	16:00	807	Verification of Sitter Identity Across Historical Portrait Paintings by Confidence-aware Face Recognition	9	Huber	Marco	Germany
523	14:00	16:00	822	The Lognometer: A New Normalized and Computerized Device for Assessing the Neurodevelopment of Fine Motor Control in Children	10	O'Reilly	Christian	United States of America
523	14:00	16:00	856	Alcohol Consumption Detection from Periocular NIR Images Using Capsule Network	11	Tapia Farias	Juan	Germany
523	14:00	16:00	1087	Multi-Contextual Predictions with Vision Transformer for Video Anomaly Detection	12	Nam	Woojeoung	Korea, South
523	14:00	16:00	1239	Detection of Free-Standing Conversational Groups with Graph Convolutional Networks	13	Akarun	Lale	Turkey
523	14:00	16:00	1355	Privileged Attribution Constrained Deep Networks for Facial Expression Recognition	14	Bonnard	Jules	France
523	14:00	16:00	1514	Interpretable Gait Recognition by Granger Causality	15	Balazia	Michal	France
523	14:00	16:00	355	Self-Supervised Ground-Relative Pose Estimation	16	Muller	Bruce	United Kingdom
523	14:00	16:00	1277	Multilayer Online Self-Acquired Knowledge Distillation	17	Tefas	Anastasios	Greece
523	14:00	16:00	525	Object Detection in 3D Coral Ecosystem Maps from Multiple Image Sequences	18	Bhandarkar	Suchendra	United States of America
523	14:00	16:00	797	Neuromorphic Event-Based Facial Identity Recognition	19	Silva	Bruno	Portugal
520	16:00	17:30		Deep Learning 1				
520	16:00	17:30	178	Swapping Semantic Contents for Mixing Images	1	Sun	Rémy	France
520	16:00	17:30	361	Deep Image Destruction: Vulnerability of Deep Image-To-Image Models against Adversarial Attacks	2	Kim	Jun-Hyuk	Korea, South
520	16:00	17:30	575	Orthogonal Regularizers in Deep Learning: How to Handle Rectangular Matrices?	3	Massart	Estelle	Belgium
520	16:00	17:30	601	FD-CAM: Improving Faithfulness and Discriminability of Visual Explanation for CNNs	4	Ma	Rui	China
524A	16:00	17:30		Action and Behaviour Recognition 1				
524A	16:00	17:30	33	Towards Streaming Egocentric Action Anticipation	1	Furnari	Antonino	Italy
524A	16:00	17:30	174	Unsupervised Domain Adaptation for Video Transformers in Action Recognition	2	Zara	Giacomo	Italy
524A	16:00	17:30	214	A Graph Convolutional Network with Early Attention Module for Skeleton-Based Action Prediction	3	Liu	Cuiwei	China
524A	16:00	17:30	869	Cosine Similarity Based Few-Shot Video Classifier with Attention-Based Aggregation	4	Debnath	Biplob	United States of America
524B	16:00	17:30		Imagery 1				
524B	16:00	17:30	1334	Patchwise Sparse Dictionary Learning from Pre-Trained Neural Network Activation Maps for Anomaly Detection in Images	1	Samele	Stefano	Italy
524B	16:00	17:30	1356	Efficient Unsupervised Learning for Plankton Images	2	PASTORE	Vito Paolo	Italy
524B	16:00	17:30	1669	A Statistically Constrained Internal Method for Single Image Super-Resolution	3	Chatillon	Pierrick	France
524B	16:00	17:30	1728	Nonuniform Illumination Correction for Underwater Images through a Pseudo-Siamese Network	4	Zhao	Wenfeng	China
524C	16:00	17:30		Online Learning and Continual Learning				
524C	16:00	17:30	63	Batched Mean-Variance Bandits	1	Fang	Boli	United States of America
524C	16:00	17:30	965	S-FINCH: An Optimized Streaming Adaptation to FINCH Clustering	2	Cunningham	James	United States of America
524C	16:00	17:30	1055	Continual Learning Via Dynamic Programming	3	Raghavan	Krishnan	India
524C	16:00	17:30	1084	Effects of Auxiliary Knowledge on Continual Learning	4	Bellitto	Giovanni	Italy

Room	Start	End	ID	Title	Order	Last	First	Country
Tuesday, August 23								
520	9:00	10:00		Towards Multimodality in Perception Tasks	1	Jawahar	C.V.	India
523	10:00	12:00		Tuesday Morning Poster Session				
523	10:00	12:00	1716	Fall Detection Using Biometric Information Based on Multi-Horizon Forecasting	1	Kim	Inkyung	Korea, South
523	10:00	12:00	459	Continual Learning for Document Image Binarization	2	Calvo-Zaragoza	Jorge	Spain
523	10:00	12:00	605	DPAM: A New Deep Parallel Attention Model for Multiple License Plate Number Recognition	3	Palaiahnakote	Shivakumara	Malaysia
523	10:00	12:00	608	TWD: A New Deep E2E Model for Text Watermark Detection in Video Images	4	Palaiahnakote	Shivakumara	Malaysia
523	10:00	12:00	613	Portmanteauing Features for Scene Text Recognition	5	Tan	Yew Lee	Singapore
523	10:00	12:00	627	The LAM Dataset: A Novel Benchmark for Line-Level Handwritten Text Recognition	6	Cascianelli	Silvia	Italy
523	10:00	12:00	657	Post-Attention Modulator for Dense Video Captioning	7	Laaksonen	Jorma	Finland
523	10:00	12:00	674	VidHarm: A Clip Based Dataset for Harmful Content Detection	8	Edstedt	Johan	Sweden
523	10:00	12:00	700	Joint Handwritten Text Recognition and Word Classification for Tabular Information Extraction	9	Åström	Kalle	Sweden
523	10:00	12:00	744	Writer Retrieval Using Compact Convolutional Transformers and NetMVLAD	10	Sablatnig	Robert	Austria
523	10:00	12:00	749	Semantic Parsing of Interpage Relations	11	AKPINAR	Mehmet Yasin	Turkey
523	10:00	12:00	789	Understanding Attention-Based Encoder-Decoder Networks: A Case Study with Chess Scoresheet Recognition	12	Hirata	Nina	Brazil
523	10:00	12:00	790	An Effective Method for Text Line Segmentation in Historical Document Images	13	Nguyen	Tien Nam	France
523	10:00	12:00	819	Towards Automatic Parsing of Structured Visual Content through the Use of Synthetic Data	14	Schölich	Lukas	Germany
523	10:00	12:00	946	Early Recognition of Untrimmed Handwritten Gestures with Spatio-Temporal 3D CNN	15	Mocaër	William	France
523	10:00	12:00	1109	Information Extraction from Visually Rich Documents with Font Style Embeddings	16	Ratnamogan	Pirashanth	France
523	10:00	12:00	1271	A Deep Learning Based Unified Solution for Character Recognition	17	Rabby	Akm Shahariar Azad	Bangladesh
523	10:00	12:00	1332	Zero-Shot Sketch Based Image Retrieval Using Graph Transformer	18	Kumar	Saurabh	India
523	10:00	12:00	1386	DocEnTr: An End-To-End Document Image Enhancement Transformer	19	Biswas	Sanket	Spain
523	10:00	12:00	1484	Graph Neural Networks and Representation Embedding for Table Extraction in PDF Documents	20	Gemelli	Andrea	Italy
523	10:00	12:00	1553	PSND: A Robust Parking Space Number Detector	21	Zhang	Yin	China
523	10:00	12:00	1	FEMa-FS: Finite Element Machines for Feature Selection	22	Papa	Joao	Brazil
523	10:00	12:00	19	TS-DENSE: Time Series Data Augmentation by Subclass Clustering	23	Souza	Vinicius	Brazil
523	10:00	12:00	31	ACR Loss: Adaptive Coordinate-Based Regression Loss for Face Alignment	24	Mahoor	Mohammad	United States of America
523	10:00	12:00	80	Learning from Better Supervision: Self-Distillation for Learning with Noisy Labels	25	Lee	Seungho	Korea, South
523	10:00	12:00	120	Discovery of New Multi-Level Features for Domain Generalization via Knowledge Corruption	26	Frikha	Ahmed	Germany
523	10:00	12:00	739	Towards Quality Assessment of Blind Deconvolution with Shift Compensation	27	Laribi	Ghada	Austria
523	10:00	12:00	798	SURDS: Self-Supervised Attention-Guided Reconstruction and Dual Triplet Loss for Writer Independent Offline Signature Verification	28	Chattopadhyay	Soumitri	India
520	10:30	12:00		Deep Learning 2				
520	10:30	12:00	867	CES-KD: Curriculum-Based Expert Selection for Guided Knowledge Distillation	1	Clark	James	Canada
520	10:30	12:00	1044	AutoDEUQ: Automated Deep Ensemble with Uncertainty Quantification	2	Raghavan	Krishnan	India
520	10:30	12:00	1142	Improving Persona Understanding for Persona-Based Dialogue Generation with Diverse Knowledge Selection	3	Wang	Yuanying	China
520	10:30	12:00	1519	BAFL: Federated Learning with Base Ablation for Cost Effective Communication	4	Kundalwal	Mayank Kumar	India
524A	10:30	12:00		Scene Analysis and Understanding 1				
524A	10:30	12:00	17	Unsteady Flow Field Prediction: Understanding the Dynamics in an Intuitive Physics Way	1	Qu	Xiyao	China
524A	10:30	12:00	175	Semantic Room Wireframe Detection from a Single View	2	Gillsjo	David	Sweden
524A	10:30	12:00	265	Zero-Shot Scene Graph Generation with Relational Graph Neural Networks	3	Yu	Xiang	China
524B	10:30	12:00		Deepfakes				
524B	10:30	12:00	328	DANet: Dynamic Attention to Spoof Patterns for Face Anti-Spoofing	1	sun	Chunyu	China
524B	10:30	12:00	1467	Evading Deepfake Detectors Via High Quality Face Pre-Processing Methods	2	Kim	Taejune	Korea, South
524B	10:30	12:00	1524	Contrastive Knowledge Transfer for Deepfake Detection with Limited Data	3	wang	Wei	China
524B	10:30	12:00	1742	Defending against Deepfakes with Ensemble Adversarial Perturbation	4	wang	Wei	China
524C	10:30	12:00		Imagery 2				
524C	10:30	12:00	416	DeepHS-HDRVideo: Deep High Speed High Dynamic Range Video Reconstruction	1	Raman	Shanmuganathan	United States of America
524C	10:30	12:00	429	Unsupervised Restoration of Weather-Affected Images Using Deep Gaussian Process-Based CycleGAN	2	Patel	Vishal	United States of America
524C	10:30	12:00	1314	Intensity-Sensitive Similarity Indexes for Image Quality Assessment	3	Li	Xiaotong	United Kingdom
524C	10:30	12:00	1251	Joint Attention Mechanism Feature Selection for Single Image Reflection Separation	4	Xu	Jindong	China
520	13:00	14:00		Artificial Emotional Intelligence: Quo Vadis?	1	Gunes	Hatice	United Kingdom
520	14:00	15:30		Neural Network Architectures and Models 1				

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520	14:00	15:30	116	Autoencoder Attractors for Uncertainty Estimation	1	Dias Da Cruz	Steve	Luxembourg
520	14:00	15:30	137	Automatic Pruning Rate Derivation for Structured Pruning of Deep Neural Networks	2	Sakai	Yasufumi	Japan
520	14:00	15:30	210	AutoCoMet: Smart Neural Architecture Search Via Co-Regulated Shaping Reinforcement	3	Das	Mayukh	India
520	14:00	15:30	258	I-Split: Deep Network Interpretability for Split Computing	4	Cristani	Marco	Italy
524A	14:00	15:30		Emotion Recognition				
524A	14:00	15:30	39	Audio and Video-Based Emotion Recognition Using Multimodal Transformers	1	John	Vijay	Japan
524A	14:00	15:30	264	Multimodal Emotion Recognition with Modality-Pairwise Unsupervised Contrastive Loss	2	Conti	Alessandro	Italy
524A	14:00	15:30	479	Face Value: On the Impact of Annotation (In-)Consistencies and Label Ambiguity in Facial Data on Emotion Recognition	3	Brune	Philipp	Germany
524A	14:00	15:30	704	Transformer-Based Self-Supervised Learning for Emotion Recognition	4	Vazquez Rodriguez	Juan Fernando	France
524B	14:00	15:30		Re-identification				
524B	14:00	15:30	266	Learning Feature Fusion for Unsupervised Domain Adaptive Person Re-Identification	2	zhou	Xue	China
524B	14:00	15:30	1107	Learning Multi-Context Dynamic Listwise Relation for Generalizable Person Re-Identification	3	lin	Chengzhi	China
524B	14:00	15:30	1557	Decoupled Contrastive Learning for Intra-Camera Supervised Person Re-Identification	4	Xie	Xiaohua	Canada
524C	14:00	15:30		Scene Analysis and Understanding 2				
524C	14:00	15:30	433	PETA: Photo Albums Event Recognition Using Transformers Attention	1	Glaser	Tamar	United States of America
524C	14:00	15:30	473	A Hybrid Multi-Modal Visual Data Cross Fusion Network for Indoor and Outdoor Scene Segmentation	2	hu	Sijie	France
524C	14:00	15:30	1088	Focus and Adjust: Progressive Refinement Network for Human Object Interaction Detection	3	Yang	Baixiang	China
523	14:00	16:00		Tuesday Afternoon Poster Session				
523	14:00	16:00	128	ComDensE : Combined Dense Embedding of Relation-Aware and Common Features for Knowledge Graph Completion	1	kim	Minsang	Korea, South
523	14:00	16:00	133	Rethinking Masked Samples in Class-Imbalanced Semi-Supervised Learning	2	Lee	Jangho	Korea, South
523	14:00	16:00	134	Fetching Clustering-Favorable Representation Via Information Refinement	3	Lee	Jangho	Korea, South
523	14:00	16:00	144	Layer-Wise Data-Free CNN Compression	4	Horton	Maxwell	United States of America
523	14:00	16:00	213	MultiPoseSeg: Feedback Knowledge Transfer for Multi-Person Pose Estimation and Instance Segmentation	5	Lee	Youngmoon	Korea, South
523	14:00	16:00	218	Convolutional Attribute Mask with Two-Step Attention for Fashion Image Retrieval	6	Han	Hye Joo	Korea, South
523	14:00	16:00	240	Non-Uniform Piecewise Linear Activation Functions in Deep Neural Networks	7	zhu	Zezhou	China
523	14:00	16:00	263	Multi-View Based 3D Point Cloud Completion Algorithm for Vehicles	8	Ibrahim	Yahya	Hungary
523	14:00	16:00	334	Temporal Alignment for History Representation in Reinforcement Learning	9	Sebe	Niculae	Italy
523	14:00	16:00	384	Efficient Fall Detection for a Healthcare Robot System Based on 3-Axis Accelerometer and Depth Sensor Fusion with LSTM Networks	10	Kim	Dong Hwan	Korea, South
523	14:00	16:00	450	Combinatorial Optimization for Low Bit-Width Neural Networks	11	Zhou	Han	Belgium
523	14:00	16:00	491	Automatic Adjustment of Fourier Embedding Parametrizations for Implicit Neural Representations	12	Höfer	Timon	Germany
523	14:00	16:00	502	Fast Model-Based Policy Search for Universal Policy Networks	13	Semage	Buddhika	Australia
523	14:00	16:00	503	Uncertainty Aware System Identification with Universal Policies	14	Semage	Buddhika	Australia
523	14:00	16:00	528	Predicting Team Performance with Spatial Temporal Graph Convolutional Networks	15	Hu	Shengnan	United States of America
523	14:00	16:00	535	Boundary Defense against Black-Box Adversarial Attacks	16	Aithal	Manjushree	United States of America
523	14:00	16:00	581	Neural Architecture Adaptation for Object Detection by Searching Channel Dimensions and Mapping Pre-Trained Parameters	17	Oh	Myeong-Seok	Korea, South
523	14:00	16:00	656	Deep Surface Reconstruction from Point Clouds with Visibility Information	18	Sulzer	Raphael	France
523	14:00	16:00	679	Backward Recursive Class Activation Map Refinement for High Resolution Saliency Map	19	Englebert	Alexandre	Belgium
523	14:00	16:00	737	Towards Sentiment and Emotion Aided Intent Detection	20	Ramnani	Roshni	India
523	14:00	16:00	745	Characterizing Cell Shape Distributions Using K-Mode Kernel Mixtures	21	Srivastava	Anuj	United States of America
523	14:00	16:00	379	PBGAN: Path Based Graph Attention Network for Heterophily	22	Xiangshuo	Guan	China
523	14:00	16:00	366	Discriminative Neural Variational Model for Unbalanced Classification Tasks in Knowledge Graph	23	Boned Riera	Carlos	Spain
520	16:00	17:00		Industrial Session				

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<b>Wednesday, August 24</b>								
520	9:00	10:00		J. K. Aggarwal Prize Lecture: Graph Neural Networks: Models, Trustworthiness, and Applications	1	Tang	Jiliang	United States of America
523	10:00	12:00		Wednesday Morning Poster Session				
523	10:00	12:00	782	Complexity of Representations in Deep Learning	1	Ho	Tin Kam	United States of America
523	10:00	12:00	786	Semi-Supervised Anomaly Detection with Contrastive Regularization	2	JEZEQUEL	Loïc	France
523	10:00	12:00	794	Narrowing Attention in Capsule Networks	3	Thiele	Sebastian	Germany
523	10:00	12:00	852	Closing the Domain Gap for Cross-Modal Visible-Infrared Vehicle Re-identification	4	Kamenou	Eleni	United Kingdom
523	10:00	12:00	859	Analysis of Different Deep Learning Architectures to Learn Generalised Classifier Stacking on Riemannian and Grassmann Manifolds	5	Tayanov	Vitaliy	Canada
523	10:00	12:00	887	End-To-End Task-Guided Refinement of Synthetic Images for Data Efficient Cerebral Microbleed Detection	6	Agam	Gady	United States of America
523	10:00	12:00	891	Scene Aware Person Image Generation through Global Contextual Conditioning	7	Blumenstein	Michael	Australia
523	10:00	12:00	896	Exploring the Open World Using Incremental Extreme Value Machines	8	Koch	Tobias	Germany
523	10:00	12:00	899	Image Augmentations in Planetary Science: Implications in Self-Supervised Learning and Weakly-Supervised Segmentation on Mars	9	Koßmann	Dominik	Germany
523	10:00	12:00	911	Offline handwriting image analysis to predict Alzheimer's disease via deep learning	10	Fontanella	Francesco	Italy
523	10:00	12:00	937	Self-Attention Fusion for Audiovisual Emotion Recognition with Incomplete Data	11	Chumachenko	Kateryna	Finland
523	10:00	12:00	939	Occlusion-Robustness of Convolutional Neural Networks Via Inverted Cutout	12	Körschens	Matthias	Germany
523	10:00	12:00	949	Explanation-Based Graph Neural Networks for Graph Classification	13	Seo	Sangwoo	Korea, South
523	10:00	12:00	959	Detecting Compromised Architecture/Weights of a Deep Model	14	Beetham	James	United States of America
523	10:00	12:00	969	Boosting Source-free Domain Adaptation via Confidence-based Subsets Feature Alignment	15	Yeh	Hao-Wei	Taiwan
523	10:00	12:00	977	DoubleMatch: Improving Semi-Supervised Learning with Self-Supervision	16	Wallin	Erik	Sweden
523	10:00	12:00	998	Attentive Task Interaction Network for Multi-Task Learning	17	Sinodinos	Dimitrios	Canada
523	10:00	12:00	1033	Shuffle & Divide: Contrastive Learning for Long Text	18	Park	Kyoungwon	Korea, South
523	10:00	12:00	1409	Simple yet Effective Approach to Repetitive Behavior Classification Based on Siamese Network	19	Yoo	Cheolhwan	Korea, South
523	10:00	12:00	1422	Conditional Entropy Minimization Principle for Learning Domain Invariant Representation Features	20	Nguyen	Thuan	United States of America
523	10:00	12:00	1512	Neural Network Pruning through Constrained Reinforcement Learning	21	Taj	Murtaza	Pakistan
523	10:00	12:00	1515	Dynamic Data Augmentation with Gating Networks for Time Series Recognition	22	Oba	Daisuke	Japan
523	10:00	12:00	1532	Domain Adaptors for Hyperspectral Images	23	Perez	Gustavo	United States of America
523	10:00	12:00	1600	Introducing Diversity in Feature Scatter Adversarial Training Via Synthesis	24	NARAYAN	Apurva	Canada
523	10:00	12:00	1738	Data-Driven Latent Graph Structure Learning for Diagnosis of Alzheimer's Syndrome	25	Guo	Cheng	China
523	10:00	12:00	96	Facial Tic Detection in Untrimmed Videos of Tourette Syndrome Patients	26	Tang	Yutao	United States of America
523	10:00	12:00	1486	Manifold Learning-Based Frequency Estimation for Extracting ENF Signal from Digital Video	27	Yoon	Ji Won	Korea, South
520	10:30	12:00		Neural Network Architectures and Models 2				
520	10:30	12:00	292	Image Aesthetics Assessment Using Graph Attention Network	1	Ghosal	Koustav	Ireland
520	10:30	12:00	792	DMD-Net: Deep Mesh Denoising Network	2	Raman	Shanmuganathan	India
520	10:30	12:00	886	Fast Matrix Multiplication for Binary and Ternary CNNs on ARM CPU	3	Trusov	Anton	Russia
520	10:30	12:00	1442	Causal Deep Learning	4	Vasilescu	Alex	United States of America
524A	10:30	12:00		Speech and Text				
524A	10:30	12:00	81	Single-Channel Speech Separation Focusing on Attention DE	1	Li	Xinshu	China
524A	10:30	12:00	1663	Robust Representations for Keyword Spotting Systems	2	Smyth	Aidan	Ireland
524A	10:30	12:00	1724	DesignerGAN: Sketch Your Own Photo	3	dong	Jing	China
524A	10:30	12:00	211	Localizing Fake Segments in Speech	4	Sim	Terence	Singapore
524B	10:30	12:00		Document Image Analysis				
524B	10:30	12:00	189	Document Layer Separation Via a Spatial-Attention GAN	1	Corring	John	United States of America
524B	10:30	12:00	228	Arbitrary Shape Text Detection Using Transformers	2	Raisi	Zobeir	Canada
524B	10:30	12:00	306	Structural String Decoder for Handwritten Mathematical Expression Recognition	3	Wu	Jiajia	China
524B	10:30	12:00	577	TextSRNet: Scene Text Super-Resolution Based on Contour Prior and Atrous Convolution	4	jizhao	Ma	China
524C	10:30	12:00		Action and Behaviour Recognition 2				
524C	10:30	12:00	986	Action Spotting in Soccer Videos Using Multiple Scene Encoders	1	Shi	Yuzhi	Japan
524C	10:30	12:00	1031	Structure-Preserving View-Invariant Skeleton Representation for Action Detection	2	Qin	Hushan	China
524C	10:30	12:00	1043	(2+1)D Distilled ShuffleNet: A Lightweight Unsupervised Distillation Network for Human Action Recognition	3	Wang	Jia-Ching	Taiwan
520	13:00	14:00		Learning with less in medical imaging	1	de Bruijne	Marleen	Denmark
520	14:00	15:30		Neural Network Architectures and Models 3				
520	14:00	15:30	1158	An Efficient End-To-End 3D Voxel Reconstruction Based on Neural Architecture Search	1	Cai	Shen	China

Room	Start	End	ID	Title	Order	Last	First	Country
520	14:00	15:30	1304	Azimuthal Rotational Equivariance in Spherical Convolutional Neural Networks	2	Boekman	Georg	Sweden
520	14:00	15:30	1444	Multi-Grained Interpretable Network for Image Recognition	3	Yang	Peiyu	Australia
524A	14:00	15:30		Graph Models				
524A	14:00	15:30	143	A Differentiable Approximation for LSAP	1	BRUN	Luc	France
524A	14:00	15:30	724	TMD: Transformed Mesh Decoder for Mesh Animation	2	Fasogbon	Peter	Finland
524A	14:00	15:30	831	3D Point Clouds Simplification Based on Geometric Primitives and Graph-Structured Optimization	3	Guinard	Stephane	Canada
524A	14:00	15:30	1175	Inferring Edges from Weights in the Debye Model	4	Wang	Jianjia	China
524B	14:00	15:30		Techniques				
524B	14:00	15:30	168	GaussianMask: Uncertainty-Aware Instance Segmentation Based on Gaussian Modeling	1	Kim	Hyun	Korea, South
524B	14:00	15:30	1517	Context and Apparent Features Aggregation Network for Semantic Segmentation	2	Zheng	Jin	China
524B	14:00	15:30	1640	A Novel Low-Light Image Enhancement Algorithm Based on Information Assistance	3	Guo	Jiacen	China
524B	14:00	15:30	149	Fast Sparse Dynamic Time Warping	4	Hwang	Youngha	Korea, South
524C	14:00	15:30		Historical and Handwritten Document Analysis				
524C	14:00	15:30	182	Synthesis in Style: Semantic Segmentation of Historical Documents Using Synthetic Data	1	Raetz	Hendrik	Germany
524C	14:00	15:30	287	Self-Training of Handwritten Word Recognition for Synthetic-To-Real Adaptation	2	Wolf	Fabian	Germany
524C	14:00	15:30	752	Image Retrieval and Pattern Spotting on Historical Documents with Binary Descriptors	3	S Britto Jr	Alceu	Brazil
524C	14:00	15:30	902	Frank-Wolfe-Based Multi-Task Learning for Historical Document Restoration	4	Cheriet	Mohamed	Canada
523	14:00	16:00		Wednesday Afternoon Poster Session				
523	14:00	16:00	746	Classification-based Multi-task Learning for Efficient Pose Estimation Network	1	Kang	Dongoh	Korea, South
523	14:00	16:00	750	THORN: Temporal Human-Object Relation Network for Action Recognition	2	GUERMAL	Mohammed	France
523	14:00	16:00	970	TempNet: Temporal Attention towards the Detection of Animal Behaviour in Videos	3	Branzan Albu	Alexandra	Canada
523	14:00	16:00	1551	Global Positional Self-Attention for Skeleton-Based Action Recognition	4	Kim	Jaehwan	Korea, South
523	14:00	16:00	1582	Efficient Action Recognition Using Confidence Distillation	5	Manzuri Shalmani	Shervin	Canada
523	14:00	16:00	201	Measuring Focus Quality in Vector Valued Images for Shape from Focus	6	Ali	Usman	Korea, South
523	14:00	16:00	286	Long-Term Visual Place Recognition	7	Alijani	Farid	Finland
523	14:00	16:00	57	Object Permanence in Object Detection Leveraging Temporal Priors at Inference Time	8	Fürst	David	Germany
523	14:00	16:00	184	VPTR: Efficient Transformers for Video Prediction	9	Bilodeau	Guillaume-Alexandre	Canada
523	14:00	16:00	799	Fully Deep Simple Online Real-Time Tracking: Efficient Re-Identification by Attention without Explicit Similarity Learning	10	Belmouhcine	Abdelbadie	France
523	14:00	16:00	839	Pedestrian Trajectory Prediction Using LSTM and Sparse Motion Fields	11	Barata	Catarina	Portugal
523	14:00	16:00	889	Tag-Based Attention Guided Bottom-Up Approach for Video Instance Segmentation	12	Kini	Jyoti	United States of America
523	14:00	16:00	267	ATLAS-MVSNet: Attention Layers for Feature Extraction and Cost Volume Regularization in Multi-View Stereo	13	Weilharter	Rafael	Austria
523	14:00	16:00	56	Leveraging Synthetic Data in Object Detection on Unmanned Aerial Vehicles	14	Kiefer	Benjamin	Germany
523	14:00	16:00	180	Gaining Scale Invariance in UAV Bird's Eye View Object Detection by Adaptive Resizing	15	Meßmer	Martin	Germany
523	14:00	16:00	223	Edge Augmentation for Large-Scale Sketch Recognition without Sketches	16	Chum	Ondrej	Czech Republic
523	14:00	16:00	226	Flow-Based Line Detection and Segmentation for Neuromorphic Vision Sensors	17	KHAIRALLAH	Mahmoud	France
523	14:00	16:00	1441	Sequential Image-Based 3D Object Detection with Location Refinement	18	Sim	Sangmin	Korea, South
523	14:00	16:00	1499	3D Shape and Texture Features Fusion Using Auto-Encoder for Efficient Face Recognition	19	Bahroun	Sahbi	Tunisia
523	14:00	16:00	368	LanePainter: Lane Marks Enhancement Via Generative Adversarial Network	20	Wshah	Safwan	United States of America
523	14:00	16:00	978	Forecasting of depth and ego-motion with transformers and self-supervision	21	BOULAHBAL	Housseem Eddine	France
523	14:00	16:00	1285	Deep Saliency Map Generators for Multispectral Video Classification	22	Bayer	Jens	Germany
523	14:00	16:00	95	Specular Streaks in Stereo	23	Langer	Michael	Canada
523	14:00	16:00	115	Object-Guided Day-Night Visual Localization in Urban Scenes	24	Chum	Ondrej	Czech Republic
523	14:00	16:00	172	Fast Multi-Object Tracking with Feature Pyramid and Region Proposal Networks	25	Vaquero Otal	Lorenzo	Spain
523	14:00	16:00	935	Speeding up Heterogeneous Federated Learning with Sequentially Trained Superclients	26	Caldarola	Debora	Italy
523	14:00	16:00	623	Automatic Teeth Segmentation on Panoramic X-Rays Using Deep Neural Networks	27	AUTRUSSEAU	Florent	France
520	16:00	17:00		W4PR Panel				

Room	Start	End	ID	Title	Order	Last	First	Country
<b>Thursday, August 25</b>								
520	9:00	10:00		Scalable Real-World Visual Intelligence System - from Algorithm to Platform to Application	1	Hua	Xian-Sheng	China
523	10:00	12:00		Thursday Morning Poster Session				
523	10:00	12:00	299	Semi-Automatic 3D Object Keypoint Annotation and Detection for the Masses	1	Blomqvist	Kenneth	Switzerland
523	10:00	12:00	446	3D-NVS: A 3D Supervision Approach for Next View Selection	2	Kumar	Saurabh	United States of America
523	10:00	12:00	463	FCDSN-DC: An Accurate and Lightweight Convolutional Neural Network for Stereo Estimation with Depth Completion	3	Hirner	Dominik	Austria
523	10:00	12:00	497	MD-Net: Multi-Detector for Local Feature Extraction	4	Santellani	Emanuele	Austria
523	10:00	12:00	720	Fast and Efficient Minimal Solvers for Quadric Based Camera Pose Estimation	5	Oskarsson	Magnus	Sweden
523	10:00	12:00	815	Multi-Scale Network with Attentional Multi-Resolution Fusion for Point Cloud Semantic Segmentation	6	Duan	Ye	United States of America
523	10:00	12:00	892	On Depth Error from Spherical Camera Calibration within Omnidirectional Stereo Vision	7	Breckon	Toby	United Kingdom
523	10:00	12:00	1288	Learning to Predict 3D Mesh Saliency	8	Rosin	Paul	United Kingdom
523	10:00	12:00	1311	Relative Pose Solvers Using Monocular Depth	9	Barath	Daniel	Hungary
523	10:00	12:00	50	SASRA: Semantically-Aware Spatio-Temporal Reasoning Agent for Vision-And-Language Navigation in Continuous Environments	10	Mithun	Niluthpol Chowdhury	United States of America
523	10:00	12:00	618	CaMEL: Mean Teacher Learning for Image Captioning	11	Barraco	Manuele	Italy
523	10:00	12:00	930	CAVAN: Commonsense Knowledge Anchored Video Captioning	12	Yang	Yz Yezhou	United States of America
523	10:00	12:00	1683	Transforming Image Generation from Scene Graphs	13	Sortino	Renato	Italy
523	10:00	12:00	38	High-Resolution Ecosystem Mapping in Repetitive Environments Using Dual Camera SLAM	14	Bhandarkar	Suchendra	United States of America
523	10:00	12:00	73	Moment-based Adversarial Training for Embodied Language Comprehension	15	Ishikawa	Shintaro	Japan
523	10:00	12:00	121	GraphMapper: Efficient Visual Navigation by Scene Graph Generation	16	Mithun	Niluthpol Chowdhury	United States of America
523	10:00	12:00	167	Direct Visual Servoing in the Non-Linear Scale Space of Camera Pose	17	Caron	Guillaume	France
523	10:00	12:00	617	Semantic-Augmented Depth Model for Self-Supervised Monocular Depth Estimation	18	zhang	Xuefei	China
523	10:00	12:00	649	Spot the Difference: A Novel Task for Embodied Agents in Changing Environments	19	Cascianelli	Silvia	Italy
523	10:00	12:00	940	Minimal Solvers for Point Cloud Matching with Statistical Deformations	20	Flood	Gabrielle	Sweden
523	10:00	12:00	1671	Gait-Dependent Traversability Estimation on the K-Rock2 Robot	21	Chávez García	R. Omar	Switzerland
523	10:00	12:00	294	Extraction of Ruler Markings for Estimating Physical Size of Oral Lesions	22	Xue	Zhiyun	United States of America
523	10:00	12:00	508	Positional Multi-Cross-Attention for Bone Age Estimation Using Deep Multiple Instance Learning	23	Do	Thanh Cong	Korea, South
523	10:00	12:00	625	Multi-Task Deep Learning for Cerebrovascular Disease Classification and MRI-To-PET Translation	24	Zhao	Moss	United States of America
523	10:00	12:00	806	Differential Dynamic Trees for Interactive Image Segmentation	25	Falcao	Alexandre	Brazil
523	10:00	12:00	826	Joint Intensity Classification and Specimen Segmentation on HEp-2 Images: A Deep Learning Approach	26	Petruzzello	Umberto	Italy
523	10:00	12:00	931	Comparing Symbolic and Connectionist Algorithms in Correlating Healthy Children Age with Sigma-Lognormal Neuromotor Parameters	27	Zhang	Zigeng	Canada
523	10:00	12:00	1155	Prediction of Brain Tumor Recurrence Location Based on KullbackLeibler Divergence and Nonlinear Correlation Learning	28	Ruan	Su	France
523	10:00	12:00	823	Evaluating Tumour Bounding Options for Deep Learning-Based Axillary Lymph Node Metastasis Prediction in Breast Cancer	29	Gravina	Michela	Italy
520	10:30	12:00		Transfer Learning, Meta Learning, Large Scale Learning and Big Data				
520	10:30	12:00	35	Self-Challenging Mask for Cross-Domain Few-Shot Classification	1	Ma	Yixiao	China
520	10:30	12:00	643	Online Adaptive Metrics for Model Evaluation on Non-Representative Offline Test Data	2	Piovano	Enrico	Germany
520	10:30	12:00	759	Transfer Meta Learning	3	Zengeler	Nico	Germany
520	10:30	12:00	1387	Class-wise Attention Reinforcement for Semi-supervised Meta-Learning	4	Pan	Xiaohang	China
524A	10:30	12:00		Pose Estimation				
524A	10:30	12:00	183	Video-Based Pose-Estimation Data As Source for Transfer Learning in Human Activity Recognition	1	Awasthi	Shrutarv	Germany
524A	10:30	12:00	207	Exploiting Static and Dynamic Human Joint Relations for 3D Pose Estimation Via Cascade Transformers	2	Song	Bo	China
524A	10:30	12:00	733	End-To-End 3D Human Pose Estimation with Transformer	3	Cui	Peng	China
524A	10:30	12:00	1201	Disentangling Facial Pose and Appearance Information for Face Anti-Spoofing	4	Liang	Yanyan	China
524B	10:30	12:00		Representation Learning				
524B	10:30	12:00	489	PROTOTypical Logic Tensor Networks (PROTO-LTN) for Zero Shot Learning	1	Morra	Lia	Italy
524B	10:30	12:00	1278	Pretrained Equivariant Features Improve Unsupervised Landmark Discovery	2	Rahaman	Rahul	Singapore
524B	10:30	12:00	1473	BEFSR: A Multiple Attention-Based Model Considering Bidirectional Entity Information Flows and Few-Shot Relations	3	Guo	Xiaobo	China
524B	10:30	12:00	1707	DAReN: A Collaborative Approach towards Reasoning and Disentangling	4	Sahu	Pritish	United States of America
524C	10:30	12:00		Biomedical Applications 1				
524C	10:30	12:00	500	InfAnFace: Bridging the Infant-Adult Domain Gap in Facial Landmark Estimation in the Wild	1	Wan	Michael	United States of America
524C	10:30	12:00	662	Deep Guided Context-Aware Network for Anomaly Detection in Musculoskeletal Radiographs	2	Hao	Pengyi	China
524C	10:30	12:00	710	Toward a 3D Arterial Tree Bifurcation Model for Intra-Cranial Aneurysm Detection and Segmentation	3	AUTRUSSEAU	Florent	France
524C	10:30	12:00	901	Going Beyond Accuracy: Interpretability Metrics for CNN Representations of Physiological Signals	4	Gu	Kang	United States of America

Room	Start	End	ID	Title	Order	Last	First	Country
520	13:00	14:00		King-Sun Fu Prize Lecture: Iris Recognition: Progress and Challenges	1	Tan	Tieniu	China
520	14:00	15:30		Reinforcement Learning and Generative Models				
520	14:00	15:30	36	Prototype Augmentation with Dummy Samples	1	Yu	Hong	China
520	14:00	15:30	108	Autoencoder for Synthetic to Real Generalization: From Simple to More Complex Scenes	2	Dias Da Cruz	Steve	Luxembourg
520	14:00	15:30	390	Towards Interpretable Deep Reinforcement Learning Via Inverse Reinforcement Learning	3	Xie	Yuansheng	United States of America
520	14:00	15:30	1633	Transformer-based Residual Network for Hyperspectral Snapshot Compressive Reconstruction	4	huang	Junru	China
524A	14:00	15:30		Vision and Language				
524A	14:00	15:30	23	Cross-Modal Contrastive Distillation for Instructional Activity Anticipation	1	Mei	Tao	United States of America
524A	14:00	15:30	304	Video Generation from Text Employing Latent Path Construction for Temporal Modeling	2	Mazaheri	Amir	United States of America
524A	14:00	15:30	1321	Density Division Face Clustering Based on GCN	3	Wang	Daniel Zhengkui	China
524B	14:00	15:30		Biomedical Applications 3				
524B	14:00	15:30	651	Vision Transformers Based Classification for Glaucomatous Eye Condition	1	Wassel	Mostafa	Egypt
524B	14:00	15:30	825	Transformers for 1D Signals in Parkinsons Disease Detection from Gait	2	Bilodeau	Guillaume-Alexandre	Canada
524B	14:00	15:30	1135	Pixel-Accurate Segmentation of Surgical Tools Based on Bounding Box Annotations	3	Aides	Amit	Israel
524B	14:00	15:30	1309	Automatic Embedding Interventions for the Classification of Hematopoietic Cells	4	Julian	Thull	Germany
524C	14:00	15:30		Supervised, Unsupervised, Self-Supervised and Semi-Supervised Learning				
524C	14:00	15:30	1213	Semi-Supervised Fine-Grained Classification with Web Data Via Noisy Sample Selection	1	li	Mengxuan	China
524C	14:00	15:30	1520	Method to Improve UI Rendering through Predictive Sequence Modelling	2	Agrawal	Sumeen	India
524C	14:00	15:30	1571	Learning a Latent Space with Triplet Network for Few-Shot Image Classification	3	WU	Jiaying	Japan
524C	14:00	15:30	1711	Open-Set Semi-Supervised Learning for 3D Point Cloud Understanding	4	Xu	Xun	China
523	14:00	16:00		Thursday Afternoon Poster Session				
523	14:00	16:00	496	Adaptive Instance Distillation for Object Detection in Autonomous Driving	1	Tian	Qing	United States of America
523	14:00	16:00	768	Camera Motion Compensation and Person Detection in Construction Site Using Yolo-Bayes Model	2	Das	Dipankar	Bangladesh
523	14:00	16:00	1068	Pay Attention to Adverse Weather: Weather-Aware Attention-Based Object Detection	3	Chaturvedi	Saket Sanjeev	United States of America
523	14:00	16:00	868	A Complete Framework for Shop Signboards Detection and Classification	4	Almuhajri	Mrouj	Canada
523	14:00	16:00	980	Multi-View Vision Transformers for Object Detection	5	Isaac Medina	Brian	United Kingdom
523	14:00	16:00	1036	ContraCluster: Learning to Classify without Labels by Contrastive Self-Supervision and Prototype-Based Semi-Supervision	6	Kang	Hoyoung	Korea, South
523	14:00	16:00	1077	Few-Shot Object Detection with Proposal Balance Refinement	7	Nam	Woojeoung	Korea, South
523	14:00	16:00	1100	Space-Related Contrastive Representation Learning with Multiple Instances	8	Song	Danming	China
523	14:00	16:00	1137	Learn from the Past: Experience Ensemble Knowledge Distillation	9	Wang	Chaofei	China
523	14:00	16:00	1164	Saliency Map Based Data Augmentation	10	Horváth	András	Hungary
523	14:00	16:00	1190	Mitigating the Bias of Centered Objects in Common Datasets	11	Horváth	András	Hungary
523	14:00	16:00	1287	Virtual Tasks but Real Gains: Improving Multi-Task Learning	12	Pranavan	Theivendiram	Singapore
523	14:00	16:00	1162	HRI30: An Action Recognition Dataset for Industrial Human-Robot Interaction	13	Iodice	Francesco	Italy
523	14:00	16:00	1194	Predicting Drug-Drug Interactions with Graph Attention Network	14	Guo	Cheng	China
523	14:00	16:00	1754	ICPR 2022 Challenge on Multi-Modal Subtitle Recognition	15	Huang	Shan	China
523	14:00	16:00	1756	ODOR: The ICPR2022 Odeuropa Challenge on Olfactory Object Recognition	16	Zinnen	Mathias	Germany
520	16:00	17:00		Vision and Application				
520	16:00	17:00	1136	CoCoLoT: Combining Complementary Trackers in Long-Term Visual Tracking	1	Dunnhofer	Matteo	Italy
520	16:00	17:00	1448	Towards Scalable and Efficient Client Selection for Federated Object Detection	2	Constantinou	Giorgos	United States of America
520	16:00	17:00	1222	CALNet: LiDAR-Camera Online Calibration with Channel Attention and Liquid Time-Constant Network	3	Shang	Hongcheng	China
524A	16:00	17:00		Biomedical Applications 2				
524A	16:00	17:00	483	Investigating Brain Connectivity with Graph Neural Networks and GNNexplainer	1	Zhdanov	Maksim	Germany
524A	16:00	17:00	545	Survival Analysis Based on Lung Tumor Segmentation Using Global Context-Aware Transformer in Multimodality	2	Dao	Duy Phuong	Korea, South
524A	16:00	17:00	816	COVID-19 Detection from Lung Ultrasound Images Using a Fuzzy Ensemble-Based Transfer Learning Technique	3	Saha	Sriparna	India
524C	16:00	17:00		Multi-modal and Multi-View Learning				
524C	16:00	17:00	495	Sensor Fusion and Multimodal Learning for Robotic Grasp Verification Using Neural Networks	1	Gohil	Priteshkumar Bharatbhai	Germany
524C	16:00	17:00	850	Controlled Multimodal Image Generation for Plant Growth Modeling	2	Miranda Lorenz	Miro	Germany
524C	16:00	17:00	1406	Nested Multi-View Image Classification	3	Ghani	Ebrahimi	United States of America



Room	Start	End	ID	Title	Order	Last	First	Country
Eposters - available all week								
				Virtual System - Available all week				
			5	Temporal Shift and Attention Modules for Graphical Skeleton Action Recognition		Zhu	Haidong	United States of America
			15	CTR: Contrastive Training Recognition Classifier for Few-Shot Open-World Recognition		Dionelis	Nikolaos	United Kingdom
			27	A Lightweight Multi-Scale Context Network for Salient Object Detection in Optical Remote Sensing Images		Sun	Han	China
			42	Multi-Branch with Attention Network for Hand-Based Person Recognition		Baisa	Nathanael Lemessa	United Kingdom
			43	A Learning Method for Feature Correspondence with Outliers		Yang	Xu	China
			44	Weak-supervised Visual Geo-localization via Attention-based Knowledge Distillation		Shamsolmoali	Pourya	China
			49	Borrowing from Yourself: Faster Future Video Segmentation with Partial Channel Update		Courcier	Evann	Switzerland
			52	Selective Progressive Learning for Sparse Depth Completion		Jung	Cheolkon	China
			55	A Novel Image Descriptor with Aggregated Semantic Skeleton Representation for Long-Term Visual Place Recognition		Feng	Joe-Mei	Taiwan
			58	Self-Supervised Cross-Video Temporal Learning for Unsupervised Video Domain Adaptation		Choi	Jinwoo	Korea, South
			61	Components Regulated Generation of Handwritten Chinese Text-Lines in Arbitrary Length		Xiang	Shiming	China
			64	ODG-Q: Robust Quantization Via Online Domain Generalization		Tao	Chaofan	China
			66	The Sound of Bounding-Boxes		Oya	Takashi	Japan
			75	Coarse to Fine: Image Restoration Boosted by Multi-Scale Low-Rank Tensor Completion		Rui	Lin	China
			83	TRC-Unet: Transformer Connections for Near-Infrared Blurred Image Segmentation		WANG	Jiazhe	Japan
			88	Surprising Effectiveness of Random Feature Embeddings in eXtreme Classification		Verma	Yashaswi	India
			91	Salient Skin Lesion Segmentation Via Dilated Scale-Wise Feature Fusion Network		Shamsolmoali	Pourya	China
			93	Text-Aware Normal-Corrupted Alignment Model for Corrupted Person Re-Identification		Hong	Jincheng	China
			98	NoiseFlow: Learning Optical Flow from Low SNR Cryo-EM Movie		chong	Xiaoya	China
			100	Efficient Network Pruning via Feature Selection		Xie	Xiang	Germany
			105	DFS: A Diverse Feature Synthesis Model for Generalized Zero-Shot Learning		Li	Bonan	China
			106	Image Inpainting with Multi-Scale Consistent Features		Chen	Peifu	China
			107	Leachable Component Clustering		Cheng	Miao	China
			112	NBP-MS: Malware Signature Generation Based on Network Behavior Profiling		Wang	Xiangyu	China
			119	Diverse Probabilistic Trajectory Forecasting with Admissibility Constraints		Benois-Pineau	Jenny	France
			123	Efficient Cell Labelling for Gram Stain WSIs		Alhammad	Sarah	Australia
			124	Audio-Driven Deformation Flow for Effective Lip Reading		Yang	Shuang	China
			136	Steel Defect Detection Based on Modified RetinaNet		shen	Liyong	China
			140	Differentiable Channel Sparsity Search Via Weight Sharing within Filters		zhao	Yu	China
			141	StyleVC: Non-Parallel Voice Conversion with Adversarial Style Generalization		Lee	Seong-Whan	Korea, South
			147	Aggregating Layers for Deepfake Detection		Jevnisek	Amir	Israel
			158	Transformer-based Scene Graph Generation Network With Relational Attention Module		Yamamoto	Takuma	Japan
			160	A Deep Retinex Framework for Light Field Restoration under Low-Light Conditions		Lam	Edmund	China
			161	AACP: Model Compression by Accurate and Automatic Channel Pruning		Lin	Lanbo	China
			164	TransMarker: A Pure Vision Transformer for Facial Landmark Detection		Wu	Wenyan	China
			166	Attention Based Broad Self-Guided Network for Low-Light Image Enhancement		chen	Paulchen	China
			169	Class Incremental Learning based on Local Structure Constraints in Feature Space		Ronghua	Luo	China
			181	Exploiting Diversity of Unlabeled Data for Label-Efficient Semi-Supervised Active Learning		Kim	Seong Tae	Korea, South
			194	Class-Discriminative CNN Compression		Liu	Yuchen	United States of America
			198	MOST-Net: A Memory Oriented Style Transfer Network for Face Sketch Synthesis		Ji	Fan	China
			199	Efficient Gaussian Process Model on Class-Imbalanced Datasets for Generalized Zero-Shot Learning		Ye	Changkun	Australia
			215	VCL-PL: Semi-Supervised Learning from Noisy Web Data with Variational Contrastive Learning		Yavuz	Mehmet Can	Turkey
			216	CobNet: Cross Attention on Object and Background for Few-Shot Segmentation		Guan	Haoyan	United Kingdom
			220	Expressive Local Feature Match for Image Search		Hu	Zechao	United Kingdom
			221	Active Short-Long Exposure Deblurring		Yang	Dan	Finland
			222	Genetic-Based Joint Dynamic Pruning and Learning Algorithm to Boost DNN Performance		Lao	Yingjie	United States of America
			224	Predicting Human Behavior Using 3D Loop ResNet		Kakamu	Yoshiki	Japan
			225	GraSens: A Gabor Residual Anti-Aliasing Sensing Framework for Action Recognition Using WiFi		Hao	Yanling	United Kingdom
			230	Lung Nodule Malignancy Subtype Discovery with Semantic Learning		WANG	Yiyang	United States of America
			238	IterVM: Iterative Vision Modeling Module for Scene Text Recognition		Chu	Xiaojie	China

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			241	Adaptive Dilated Convolution for Human Pose Estimation		Luo	Zhengxiong	China
			246	Self-Adaptive Multi-Scale Aggregation Network for Stereo Matching		Li	Pengfei	China
			253	A Novel Predictor with Optimized Sampling Method for Hardware-Aware NAS		Shen	Chongfei	China
			259	Multi-Feature Co-Learning for Image Inpainting		王	贵根	China
			270	Context-Aware Deformable Alignment for Video Object Segmentation		zhou	Xue	China
			278	Improved Transformer with Parallel Encoders for Image Captioning		Xue	Jian	China
			279	Graph Laplacian Regularization Based on the Differences of Neighboring Pixels for Conditional Convolutions for Instance Segmentation		Uchinoura	Shinji	Japan
			280	Intra-Patch Association Feature Learning Network for Corrupted Person Re-Identification		Hong	Jincheng	China
			281	Lightweight Conditional Model Extrapolation for Streaming Data under Class-Prior Shift		Lampert	Christoph H.	Austria
			282	Convolutional Transformer for Fast and Accurate Gravitational Wave Detection		Luo	Yuan	China
			284	ColorWater: A Diverse Dataset and Benchmark for Semantic Water Surface Understanding		Liang	Cuixiao	China
			285	LDGAN: Latent Determined Ensemble Helps Removing IID Data Assumption and Cross-Node Sampling in Distributed GANs		Li	Yue	China
			288	Frequency-Aware Deep Dual-Path Feature Enhancement Network for Image Dehazing		guo	Yu	China
			291	Look Beyond Bias with Entropic Adversarial Data Augmentation		Duboudin	Thomas	France
			295	Font Generation with Missing Impression Labels		Uchida	Seiichi	Japan
			303	Domain Generalization via Selective Consistency Regularization for Time Series Classification		Zhang	Wenyu	Singapore
			308	Extremely Low-Light Image Enhancement with Scene Text Restoration		Ng	Chun Chet	Malaysia
			309	Dyadic Movement Synchrony Estimation under Privacy-Preserving Conditions		Li	Jicheng	United States of America
			312	AutoLC: Search Lightweight and Top-Performing Architecture for Remote Sensing Image Land-Cover Classification		Zheng	Chenyu	China
			318	A Joint Cascaded Framework for Simultaneous Eye State, Eye Center, and Gaze Estimation		Gou	Chao	China
			320	Extended StyleGAN Encoder for Image Restoration		Cai	Qingling	China
			324	Uncertain Label Correction Via Auxiliary Action Unit Graphs for Facial Expression Recognition		Liu	Yang	Finland
			326	DSPOTE: Density-Induced Selection Probability-Based Oversampling TEchnique for Imbalanced Learning		Zhang	Li	China
			327	Proprioception-Driven Wearer Pose Estimation for Egocentric Video		Su	Wei	China
			330	Head Point Positioning and Spatial-Channel Self-Attention Network for Multi-Object Tracking		zhang	Xin	China
			331	Deep Appearance Consistent Human Pose Transfer		Tiwari	Ashish	India
			333	Entity-Level Attention Pooling and Information Gating for Document-Level Relation Extraction		Chen	Zhi	China
			335	A Deep Dilated Convolutional Self-Attention Model for Multimodal Human Activity Recognition		Wang	Shengzhi	China
			343	Time-Coherent Embeddings for Wireless Capsule Endoscopy		Pascual i Guinovart	Guillem	Spain
			344	SEN: Stack Ensemble Shallow Convolution Neural Network for Signature-Based Writer Identification		Pal	Umapada	India
			350	Improving Multiple Machine Vision Tasks in the Compressed Domain		Liu	Jinming	China
			352	3D-FERNet: A Facial Expression Recognition Network Utilizing 3D Information		SHANG	Jiaxiang	China
			354	Compressed Video Quality Enhancement with Motion Approximation and Blended Attention		Pu	Jian	China
			356	Semantic Texture Complexity Model for Feature Generation and Selection in Visual SLAM		Cheng	Xina	China
			357	Hierarchical Transformer for Survival Prediction Using Multimodality Whole Slide Images and Genomics		li	Chunyuan	United States of America
			358	Unified Recurrence Modeling for Video Action Anticipation		Tai	Tsung-Ming	Taiwan
			360	Speckle Image Restoration without Clean Data		Tai	Tsung-Ming	Taiwan
			362	Quantization of Generative Adversarial Networks for Efficient Inference: A Methodological Study		Andreev	Pavel	Russia
			367	PMPNet: Pixel Movement Prediction Network for Monocular Depth Estimation in Dynamic Scenes		Desai	Kevin	United States of America
			369	Kernel Modulation: A Parameter-Efficient Method for Training Convolutional Neural Networks		Hu	Yuhuang	Switzerland
			370	Towards Cumulative Race Time Regression in Sports: I3D ConvNet Transfer Learning in Ultra-Distance Running Events		Freire-Obregon	David	Spain
			378	Conditional Multimodal Biometrics Embedding Learning for Periocular and Face in the Wild		Teoh	Andrew Beng Jin	Korea, South
			380	Shakespeare: Verifying the Co-Presence of Smart Devices and Users Via Vibration		Gucheng	Wang	Singapore
			386	AutoENP: An Auto Rating Pipeline for Expressing Needs Via Pointing Protocol		Bowen	Chen	United Kingdom
			387	RaRWS: A Radar-Assisted Real-Time Water Segmentation Network to Meet the Autonomous Navigation of USV in Inland Waterways		Jiang	Xianliang	China
			389	Multi-View Graph Autoencoder for Unsupervised Graph Representation Learning		Li	Jingci	China
			393	GCN2Caps: Graph Convolutional Network to Capsule Network for Wide-Field Robust Graph Learning		Kong	Youyong	China
			397	Find More Accurate Text Boundary for Scene Text Detection		Zhu	Anna	China
			398	Adaptive Tiny Object Detection for Improving Pest Detection		He	Yuting	China
			403	Feature Aggregation in Zero-Shot Cross-Lingual Transfer Using Multilingual BERT		Chen	Beiduo	China
			404	Backdoor Attacks against Deep Neural Networks by Personalized Audio Steganography		shu171	Zhang	China
			405	MLSAN: Mixed-Lattice Self-Attention Network for Chinese Named Entity Recognition		He	Zongfeng	China

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			411	VReBERT: A Simple and Flexible Transformer for Visual Relationship Detection		Cui	Yu	Australia
			413	A Secure and Practical Sample-then-lock Scheme for Iris Recognition		Shen	Peisong	China
			415	Learning to Active Learn by Gradient Variation Based on Instance Importance		Mandaglio	Domenico	Italy
			423	Towards Robust Community Detection Via Extreme Adversarial Attacks		Zhu	Wenjie	China
			424	Aspect-Based Sentiment Analysis with Graph Convolutional Networks Over Dependency Awareness		Wang	Xue	China
			426	Hybrid Adaptive Enhanced Network for Single Image Super Resolution		Wang	Xiaofeng	China
			428	Multi-View Stereo and Depth Priors Guided NeRF for View Synthesis		Deng	Wang	China
			430	Ghost-YOLOX&#65306:A Lightweight and Efficient Implementation of Object Detection Model		Tong	Xin	China
			437	Spectral Embedding and Novel Low-Rank Approximation Based Multi-View Clustering		Liu	Xiaobo	China
			438	MTKDSR: Multi-Teacher Knowledge Distillation for Super Resolution Image Reconstruction		Li	Zhan	China
			444	Boosted Retinex Modeling		Luo	Xiongbiao	Japan
			453	Interaction and Alignment for Visible-Infrared Person Re-Identification		Gong	Jiahao	China
			456	NEWSFARM: A Large-Scale Chinese Corpus of Long News Summarization		Zang	Shunan	China
			457	KeypointMask: A Real-Time Instance Segmentation Framework for Oblique Object in Robotic Picking		cui	Zhihao	Australia
			458	Primitive Contrastive Learning for Handwritten Mathematical Expression Recognition		Guo	Hong-Yu	China
			461	Automatic Lumbar Vertebra Landmark Localization and Segmentation for Pedicle Screw Placement		Cheng	Yike	China
			468	Question Classification Based on Weak Supervision and Interrogative Pronouns Attention Mechanism		ALTENBEK	Gulila	China
			469	Pixel to Binary Embedding towards Robustness for CNNs		Kishida	Ikki	Japan
			475	Improving Weight Clipping in Wasserstein GANs		Massart	Estelle	Belgium
			478	Accelerating DNN Training with Structured Data Gradient Pruning		McDanel	Bradley	United States of America
			481	Learning to Predict Keypoints and Structure of Articulated Objects without Supervision		Anciukevicius	Titas	United Kingdom
			487	Efficient Hybrid Network: Inducing Scattering Features		Minskiy	Dmitry	United Kingdom
			490	Neural Network-Based Prediction of the Stopping Moment for Text Recognition in a Video Stream		Kryuchkova	Ksenia	Russia
			492	Extraction and Quantification of Actin Cytoskeleton in Microscopic Images Using a Deep Learning Based Framework and a Curve Clustering Model		Liu	Yi	United States of America
			493	QuantFace: Towards Lightweight Face Recognition by Synthetic Data Low-Bit Quantization		Boutros	Fadi	Germany
			498	A Pyramidal CNN-Based Gleason Grading System Using Digitized Prostate Biopsy Specimens		EL-BAZ	Ayman	United States of America
			506	Audio Signal-Based Depression Level Prediction Combining Temporal and Spectral Features		Zhang	Miaomiao	China
			511	An Approach Based on Transformer and Deformable Convolution for Realistic Handwriting Samples Generation		Wei	Hongxi	China
			512	Neural Network Decision-Making Criteria Consistency Analysis Via Inputs Sensitivity		Xing	Eric	United States of America
			514	GGViT: Multistream Vision Transformer Network in Face2Face Facial Reenactment Detection		Wu	Haotian	China
			523	Traffic Sign Instances Segmentation Using Aliased Residual Structure and Adaptive Focus Localizer		Zhu	Dongchen	China
			524	Cross-Resolution Person Re-Identification Via Deep Group-Aware Representation Learning		Gao	Guangwei	China
			533	A Large-Scale Database for Chemical Structure Recognition and Preliminary Evaluation		Yinc	Fei	China
			537	Learning Semantic Segmentation on Unlabeled Real-World Indoor Point Clouds Via Synthetic Data		Sun	Zhengxing	China
			540	A Face Structure Attention Network for Face Super-Resolution		Li	Chengjie	China
			542	Frustratingly Easy Knowledge Distillation via Attentive Similarity Matching		Chen	Dingyao	China
			550	Online Feature Classification and Clustering for Transformer-Based Visual Tracker		Zou	Zhuojun	China
			553	Curse of Co-Dimensionality: Explaining Adversarial Examples by Embedding Geometry of Data Manifold		Tasaki	Hajime	Japan
			554	Transformer Based Fingerprint Feature Extraction		Tandon	Saraansh	India
			555	Refining Design Spaces in Knowledge Distillation for Deep Collaborative Learning		Yamashita	Takayoshi	Japan
			556	Generating Spatial-aware Captions for TextCaps		Wang	Yehuan	China
			564	Swin-CasUNet: Cascaded U-Net with Swin Transformer for Masked Face Restoration		zeng	Chengbin	China
			568	Auto-Augmentation with Differentiable Renderer for High-Frequency Shape Recovery		Iwaguchi	Takafumi	Japan
			570	A Hybrid Spectrum Prediction Model Based on Deep Learning		Jing	Xia	China
			572	A Circular Shifting Binary Descriptor for Efficient Rotation Invariant Image Matching		Soleimani	Parastoo	Canada
			576	Neural Architecture Searching for Facial Attributes-Based Depression Recognition		Zhang	Bin	China
			579	Cascaded Video Generation for Videos In-The-Wild		Ballas	Nicolas	Canada
			584	AID-Purifier: A Light Auxiliary Network for Boosting Adversarial Defense		Hwang	Duhun	Korea, South
			589	CAT: Re-Conv Attention in Transformer for Visual Question Answering		Wei	Wei	China
			592	KSRG: Knowledge-Aware Sequential Recommendation with Graph Neural Networks		Tang	Yan	China
			598	MontageGAN: Generation and Assembly of Multiple Components by GANs		Uchida	Seiichi	Japan

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			604	A Transformer-Based Cascade Network with Boundary Enhancement Loss for Retinal Vessel Segmentation		cai	Binke	China
			615	Self-Calibration of Multiple-Line-Lasers Based on Coplanarity and Epipolar Constraints for Wide Area Shape Scan Using Moving Camera		Iwaguchi	Takafumi	Japan
			624	Cooperation of Boundary Attention and Negative Matrix L1 Regularization Loss Function for Polyp Segmentation		Zhao	Manqi	China
			639	Scene Text Recognition with Self-Supervised Contrastive Predictive Coding		Du	Jun	China
			641	Cross-Level Attention and Ratio Consistency Network for Ship Detection		Lai	Jianhuang	China
			644	Exploring Spatiotemporal Relationships for Improving Compressed Video Quality		Pu	Jian	China
			648	Towards Improved Skin Lesion Classification Using Metadata Supervision		Pundhir	Anshul	India
			650	Authorship Attribution of Scientific Abstracts		Suman	Chanchal	India
			653	Pay Attention to Emoji: Feature Fusion Network with EmoGraph2vec Model for Sentiment Analysis		yuan	Xiaowei	China
			664	Supervised Contrastive Learning for Robust and Efficient Multi-modal Emotion and Sentiment Analysis		Gomaa	Ahmed	Germany
			668	Learning Bi-Directional Feature Propagation with Latent Layout Modeling for Group Re-Identification		Lai	Jianhuang	China
			669	Data-Efficient Deep Reinforcement Learning with Symmetric Consistency		Yang	Wentao	China
			671	Coarse-To-Fine Face Depth Super-Resolution with Attentive Feature Selection		Zhang	Fan	China
			673	NL-FCOS: Improving FCOS through Non-Local Modules for Object Detection		Saavedra	Jose M.	Chile
			675	2-D Latent Space Models: Layer-Wise Perceptual Training and Spatial Grounding		Grujicic	Dusan	Belgium
			676	Document Image Rectification in Complex Scene Using Stacked Siamese Networks		Liu	Cheng-Lin	China
			678	Multi-Features Based Semantic Augmentation Networks for Named Entity Recognition in Threat Intelligence		Liu	Peipei	China
			687	WeStcoin: Weakly-Supervised Contextualized Text Classification with Imbalance and Noisy Labels		Zhang	Yupei	China
			691	STIT: Spatio-Temporal Interaction Transformers for Human-Object Interaction Recognition in Videos		Almushyti	Muna	United Kingdom
			696	MSCE-Net: Multi-Scale Spatial and Channel Enhancing Net Based on Attention for Cloud Image Classification		Lin	Chih-Wei	Taiwan
			698	Dual-Path Geometry-Aware Network for Semantic Segmentation of High-Resolution Aerial Images		Yang	Junli	China
			699	Performance Prediction under Dataset Shift		Maggio	Simona	France
			702	F2DNet: Fast Focal Detection Network for Pedestrian Detection		Khan	Abdul Hannan	Germany
			703	Improving Visual Inertial Odometry with UWB Positioning for UAV Indoor Navigation		Lin	Huei-Yung	Taiwan
			717	Fused Pruning Based Robust Deep Neural Network Watermark Embedding		lian	Zhichao	China
			719	Learning the Space of Deep Models		Berardi	Gianluca	San Marino
			721	Learning Consistent Global-Local Representation for Cross-Domain Facial Expression Recognition		Gao	Yuefang	China
			722	Mimicking the Immune System to Diagnose Parkinson's Disease from Handwriting		Marcelli	Angelo	Italy
			725	Metamorphic Testing-Based Adversarial Attack to Fool Deepfake Detectors		Lim	Mei Kuan	Malaysia
			728	Depth Completion via A Dual-Fusion Method		Yang	Shuwen	China
			729	A Self-Supervised Solution for the Switch-Toggling Visual Task		Huang	Yuehong	Taiwan
			730	Decoupled Frequency Learning for Dynamic Scene Deblurring		Tan	Shan	China
			731	GMSRF-Net: An Improved Generalizability with Global Multi-Scale Residual Fusion Network for Polyp Segmentation		Chanda	Sukalpa	United Kingdom
			732	StrokeNet: Harmonizing Stoke Domains between Sketches and Natural Images for Sketch-Based Image Retrieval		Chen	Xin	Australia
			734	MMINR: Multi-Frame-To-Multi-Frame Inference with Noise Resistance for Precipitation Nowcasting with Radar		Bai	Cong	China
			753	A Channel-Spatial Hybrid Attention Mechanism Using Channel Weight Transfer Strategy		Hu	Haigen	China
			754	Variance of Local Contribution: An Unsupervised Image Quality Assessment for Face Recognition		Xie	Xiaohua	China
			762	Multi-Class Hypersphere Anomaly Detection		Kirchheim	Konstantin	Germany
			764	Effortless Training of Joint Energy-Based Models with Sliced Score Matching		Liu	Xixi	Sweden
			769	Incremental Training of Face Morphing Detectors		Borghi	Guido	Italy
			779	Online Deep Clustering with Video Track Consistency		DEL BIMBO	Alberto	Italy
			788	SHERLock: Self-Supervised Hierarchical Event Representation Learning		Sarkar	Mausoom	India
			801	Efficient Dense-Graph Convolutional Network with Inductive Prior Augmentations for Unsupervised Micro-Gesture Recognition		Shah	Atif	Finland
			803	Joint Energy-Based Model for Deep Probabilistic Regression		Liu	Xixi	Sweden
			812	What Makes You, You? Analyzing Recognition by Swapping Face Parts		DEL BIMBO	Alberto	Italy
			818	Superquadric Indoor Scene Representation for Orientation and Navigatic Tasks		Herpers	Rainer	Germany
			821	TwinLSTM: Two-Channel LSTM Network for Online Action Detection		Tan	Shan	China
			823	Evaluating Tumour Bounding Options for Deep Learning-Based Axillary Lymph Node Metastasis Prediction in Breast Cancer		Gravina	Michela	Italy
			824	Investigations in Psychological Stress Detection from Social Media Text Using Deep Architectures		Saha	Sriparna	India
			828	HPGNN: Using Hierarchical Graph Neural Networks for Outdoor Point Cloud Processing		Wickremasinghe	Tharindu	Sri Lanka
			833	Leveraging Vector-Quantized Variational Autoencoder Inner Metrics for Anomaly Detection		GANGLOFF	Hugo	France
			836	Custom Weighted Balanced Loss Function for Covid 19 Detection from an Imbalanced CXR Dataset		Tyagi	Mrinal	India

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			838	Leaf Vocabulary: Fine-Grained Leaf Image Retrieval Using Bag-of-Visual-Words Representation		Chen	Xin	Australia
			843	Improving Point Cloud Based Place Recognition with Ranking-Based Loss and Large Batch Training		Komorowski	Jacek	Poland
			845	Adaptive Soft Contrastive Learning		Feng	Chen	United Kingdom
			853	Automatic Foot Ulcer Segmentation Using an Ensemble of Convolutional Neural Networks		Mahbod	Amirreza	Austria
			870	Hierarchical Segmentation of Human Manipulation Movements		Gutzeit	Lisa	Germany
			877	AmsterTime: A Visual Place Recognition Benchmark Dataset for Severe Domain Shift		Khademi	Seyran	Netherlands
			880	Low-Light Image Enhancement Using Chain-Consistent Adversarial Networks		Liu	Minghao	United States of America
			893	Rethinking Task-Incremental Learning Baselines		Mohammed	Nabeel	Bangladesh
			894	Pooling Transformer for Detection of Risk Events in In-The-Wild Video Ego Data		MALLICK	Rupayan	France
			895	Multi-View Knowledge Graph for Explainable Course Content Recommendation in Course Discussion Posts		Das Bhattacharjee	Sreyasee	United States of America
			898	Segment Augmentation and Differentiable Ranking for Logo Retrieval		Yavuz	Feyza	Turkey
			910	Are Deep Models Robust against Real Distortions? a Case Study on Document Image Classification		Saifullah	Saifullah	Germany
			913	Hand Crafted Features for Efficient Lung Cancer Diagnosis Using Stacked Autoencoder		El-Baz	Ayman	United States of America
			914	Level Set Meshes: Single-image to 3D reconstruction by following the level sets of the signed distance function		Patiño	Diego	United States of America
			915	Deep-Disaster: Unsupervised Disaster Detection and Localization Using Visual Data		shekarizadeh	Sooror	Iran
			945	3DConvCaps: 3DUnet with Convolutional Capsule Encoder for Medical Image Segmentation		Thi Hoang	Ngan Le	United States of America
			948	Contact versus Noncontact Detection of Driver's Drowsiness		Abouelenien	Mohamed	United States of America
			950	Cross-Session Motor Imagery EEG Classification Using Self-Supervised Contrastive Learning		Roy	Partha Pratim	India
			955	A New Video Dataset for Recognizing Eating Gestures in a Cafeteria Setting		Tang	Zeyu	United States of America
			966	OTAdapt: Optimal Transport-Based Approach for Unsupervised Domain Adaptation		Luu	Khoa	United States of America
			968	On Missing Scores in Evolving Multi-biometric Systems		Dale	Melissa	United States of America
			973	Language-Attention Modular-Network for Relational Referring Expression Comprehension in Videos		Dhingra	Naina	Switzerland
			976	Partitioning Image Representation in Contrastive Learning		Choi	Heeyoul	Korea, South
			981	A Cloth-Irrelevant Harmonious Attention Network for Cloth-Changing Person Re-Identification		Zhou	Zihui	China
			991	Critical Radical Analysis Network for Chinese Character Recognition		Wang	Dahan	China
			995	Enhancing Robustness in Federated Learning by Supervised Anomaly Detection		Quan	Pengrui	United States of America
			1000	Backdoors in Neural Models of Source Code		Ramakrishnan	Goutham	United States of America
			1001	Learning to Drive Using Sparse Imitation Reinforcement Learning		HAN	Yuci	United States of America
			1002	Boosting Camouflaged Object Detection with Dual-Task Interactive Transformer		Zhang	Zhili	China
			1004	Discriminative Mutual Learning for Multi-Target Domain Adaptation		Wang	Jie	China
			1005	Feature Fusion Super Resolution Network with Gradient Guidance		Qin	Yeguang	China
			1018	Solar Flare Forecasting with Deep Learning-Based Time Series Classifiers		Berkey	Aydin	United States of America
			1019	Label Geometry Aware Discriminator for Conditional Generative Adversarial Networks		Bhattarai	Binod	United Kingdom
			1020	Jointly Learning Agent and Lane Information for Multimodal Trajectory Prediction		wang	Jie	China
			1021	Real-Time Hierarchical Soft Attention-Based 3D Object Detection in Point Clouds		chen	Qiuxiao	United States of America
			1022	MHASAN: Multi-Head Angular Self Attention Network for Spoof Detection		Mohammed	Nabeel	Bangladesh
			1028	Deep Attention-Based Lightweight Network for Aerial Image Deblurring		Wang	Suhe	China
			1037	Scene Recognition for Blind Spot Via Road Safety Mirror and In-Vehicle Camera		Onoguchi	Kazunori	Japan
			1039	Dual-Illumination Weighting and Estimation		Xing	Xiaoyan	China
			1041	Cross-Modal Retrieval Using Contrastive Learning of Visual-Semantic Embeddings		Verma	Yashaswi	India
			1048	Learning Multi-Granularity Features for Re-Identifying Figures in Portrait Thangka Images		Yang	Yuchao	China
			1064	3D Point Cloud Completion with Geometric-Aware Adversarial Augmentation		Fang	Yi	United States of America
			1079	Embedded Spherical Topic Models for Supervised Learning		Ennajari	Hafsa	Canada
			1082	Psychology-Inspired Interaction Process Analysis Based on Time Series		Han	Jiaheng	China
			1090	AutoMF: Spatio-Temporal Architecture Search for the Meteorological Forecasting Task		Xiang	Shiming	China
			1092	Learning Speaker-Specific Lip-To-Speech Generation		Varshney	Munender	India
			1093	Seeking Salient Facial Regions for Cross-Database Micro-Expression Recognition		Jiang	Xingxun	China
			1116	Open-Set Face Identification on Few-Shot Gallery by Fine-Tuning		Teoh	Andrew Beng Jin	Korea, South
			1117	Enhancing Population Diversity by Integrating Iterative Local Search with Deep Convolutional Generative Adversarial Networks (GANs)		Yu	Ruiran	China
			1119	Improving End-To-End Text Image Translation from the Auxiliary Text Translation Task		MA	Cong	China
			1128	Group Delay Based Methods for Detection and Recognition of Whispered Speech		Nathwani	Karan	India
			1132	IMCN: Identifying Modal Contribution Network for Multimodal Sentiment Analysis		Zhang	Qiongan	China

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			1140	Stereo Image Compression Using Recurrent Neural Network with a Convolutional Neural Network-Based Occlusion Detection		Gul	Muhammad Shahzeb Khan	Germany
			1144	VASAD: A Volume and Semantic Dataset for Building Reconstruction from Point Clouds		Langlois	Pierre-Alain	France
			1145	MedViTGAN: End-To-End Conditional GAN for Histopathology Image Augmentation with Vision Transformers		Li	Chaoyi	Australia
			1148	Memory-Token Transformer for Unsupervised Video Anomaly Detection		Feng	Zhenhua	China
			1150	Deep Speaker Embedding Using Hybrid Network of Multi-Feature Aggregation and Multi-Loss Fusion for TI-SV		Li	Xiao	China
			1156	Channel-Spatial Mutual Attention Network for 360° Salient Object Detection		Zhang	Yi	France
			1157	TPSAD: Learning to Detect and Localize Anomalies with Thin Plate Spline Transformation		Dini	Afshin	Finland
			1159	Skeletal Human Action Recognition Using Hybrid Attention Based Graph Convolutional Network		Xing	Hao	Germany
			1165	Semi-Empirical Objective Functions for MCMC Proposal Optimization		Cannella	Christopher	United States of America
			1171	Preprocessing Optimization and Semantic Segmentation for Extraction of Cervical Intervertebral Disks from Videofluorography		Takizawa	Hotaka	Japan
			1174	Multi-Scale Detail Enhancement Network for Image Super-Resolution		Zheng	Jin	China
			1178	Multi-Scale Adaptive Task Attention Network for Few-Shot Learning		Li	Huaxiong	China
			1181	KRNet: Towards Efficient Knowledge Replay		Zhong	Qiaoyong	China
			1187	Brain Tumor Classification from Radiology and Histopathology Using Deep Features and Graph Convolutional Network		Pal	Umabda	India
			1189	Augmenting Vision Language Pretraining by Learning Codebook with Visual Semantics		Guo	Xiaoyuan	United States of America
			1191	Improving Weakly Supervised Scene Graph Parsing through Object Grounding		Zhang	Yizhou	United States of America
			1198	LSTN: Long Short-Term Traffic Flow Forecasting with Transformer Networks		Ren	Qianqian	China
			1199	Agreement or Disagreement in Noise-Tolerant Mutual Learning?		Li	Ruirui	China
			1202	Robust Stereo Matching with an Unfixed and Adaptive Disparity Search Range		Liu	Jiazhi	China
			1205	Temporal Discriminative Micro-Expression Recognition Via Graph Contrastive Learning		Cui	Zhen	China
			1206	FEPC: Fairness Estimation Using Prototypes and Critics for Tabular Data		Grolman	Edita	Israel
			1208	Integrated Deconvolution Keypoint Detector and Descriptor Network		Jin	Dan	China
			1209	SSL-DC: Improving Transductive Few-Shot Learning Via Self-Supervised Learning and Distribution Calibration		Wang	Deqing	China
			1216	Graph Data Augmentation for Node Classification		Zhang	Bin	China
			1218	Interactive Image Inpainting Using Semantic Guidance		Yu	Wangbo	China
			1219	Boosting the Discriminant Power of Naive Bayes		Ren	Jianfeng	China
			1220	Dual-network Multi-attention Collaborative Classification Based on Fine-Grained Vision		Li	Zhixin	China
			1221	Multi-Hierarchical Spatial-Temporal Graph Convolutional Networks for Traffic Flow Forecasting		Ren	Qianqian	China
			1225	Learning Fashion Compatibility from In-The-Wild Images		Tandon	Saraansh	India
			1229	FP60 and FSNet: A Benchmark Dataset and a Family-Species Network for Forestry Pest Recognition		Zhang	Li	China
			1232	Dynamic Model-Agnostic Meta-Learning for Incremental Few-Shot Learning		Domoguen	Jansen Keith Lamaton	Philippines
			1233	SE3: Sequential Semantic Segmentation of Large Images with Minimized Memory		Zheng	Jiang	United States of America
			1234	A Unified Framework for Discrete Multi-Kernel K-Means with Kernel Diversity Regularization		Lu	Yihang	China
			1247	A Novel Splitting Criterion Inspired by Geometric Mean Metric Learning for Decision Tree		Li	Dan	China
			1248	Weakly Supervised Object Localization Using Long-Range Semantic Foreground Activation		Li	Huaxiong	China
			1259	SA-CenterNet: Scale Adaptive CenterNet for X-RAY Luggage Image Detection		Song	Yonghong	China
			1263	Cross-Guided Feature Fusion with Intra-Modality Reweighting for Multi-Spectral Pedestrian Detection		Shao	Zhenzhou	China
			1267	Contrastive Class-Aware Adaptation for Domain Generalization		Baktashmotlagh	Mahsa	Australia
			1273	Inter-Intra Cross-Modality Self-Supervised Video Representation Learning by Contrastive Clustering		Luo	Guan	China
			1274	Cross-Rolling Attention Network for Fashion Landmark Detection		Chen	Yilin	China
			1281	Adversarial Stacking Ensemble for Facial Landmark Tracking		Fang	Lin	China
			1294	Joint Self-Supervised Monocular Depth Estimation and SLAM		Cai	Yinghao	China
			1296	Gaze Estimation Using Transformer		Lu	Feng	China
			1301	Deep Semantic Ranking Hashing Based on Self-Attention for Medical Image Retrieval		Tang	Yibo	China
			1307	Efficient and Flexible Sublabel-Accurate Energy Minimization		Nurlanov	Zhakshylyk	Germany
			1308	Dynamic Collaboration Convolution for Robust RGBT Tracking		Liu	Liang	China
			1317	LS-HDIB: A Large Scale Handwritten Document Image Binarization Dataset		Tiwari	Ashish	India
			1324	Skeleton-based Action Recognition with Graph Involution Network		Tang	Zhihao	China
			1330	2D Pose-Guided Complete Silhouette Estimation of Human Body in Occlusion		Lin	Xiangbo	China
			1335	Remote Sensing Image Scene Classification Via Multi-Level Representation Learning		WEI	Fu	China
			1336	Cyberbullying Detection in Code-Mixed Languages: Dataset and Techniques		Maity	Krishanu	India

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			1348	TMN: Temporal-Guided Multiattention Network for Action Recognition		Zhang	Yongkang	China
			1358	Improving the Accuracy of Neural Networks in Analog Computing-In-Memory Systems by Analog Weight		Zhang	Qingtian	China
			1361	Natural Gas Leak Detection: A Deep Learning Framework on IR Video Data		Allegra	Dario	Italy
			1368	From SLAM to CAD Maps and Back Using Generative Models		Asmar	Daniel	Lebanon
			1373	A Low-Complexity Approach to Rate-Distortion Optimized Variable Bit-Rate Compression for Split DNN Computing		Ahuja	Nilesh	United States of America
			1374	A Syntax Aware BERT for Identifying Well-Formed Queries in a Curriculum Framework		Madasu	Avinash	United States of America
			1405	When Few-Shot Learning Meets Video Object Detection		Yu	Zhongjie	United States of America
			1408	Towards Understanding the Behaviors of Pretrained Compressed Convolutional Models		Zee	Timothy	United States of America
			1412	Deep Residual Network with Multi-Image Attention for Imputing under Clouds in Satellite Imagery		Vatsavai	Ranga Raju	United States of America
			1415	Towards Positive Jacobian: Learn to Postprocess for Diffeomorphic Image Registration with Matrix Exponential		Pal	Soumyadeep	Canada
			1417	EmotionAIBERTo: Emotion Recognition of Italian Social Media Texts through BERT		Mircoli	Alex	Italy
			1425	Cross-Subject Deep Transfer Models for Evoked Potentials in Brain-Computer Interface		Mello	Chad	United States of America
			1450	A Transformer-based Medical Visual Question Answering Model		Su	Xiangdong	China
			1463	Adv-Cut Paste: Semantic Adversarial Class Specific Data Augmentation Technique for Object Detection		Gorthi	Rama Krishna	India
			1466	Adaptive Projected Clustering with Graph Regularization		Zhang	Bin	China
			1468	Towards Synthesizing Realistic Data for Efficient On-Device Image Deblurring		doodekula	Shashavali	India
			1480	Dual Attention Based Multi-Scale Feature Fusion Network for Indoor RGBD Semantic Segmentation		hua	Zhongwei	China
			1494	Semi-Supervised Depth Estimation by Multi-Task Learning		Fu	Qingshun	China
			1496	Visual Transformers with Primal Object Queries for Multi-Label Image Classification		Yazici	Vacit Oguz	Spain
			1502	ABDPool: Attention-Based Differentiable Pooling		Liu	Yue	China
			1513	Average Activation Network for Weakly Supervised Semantic Segmentation		Sun	Xin	China
			1516	Hierarchical Unified Spectral-Spatial Aggregated Transformer for Hyperspectral Image Classification		Zhou	Weilian	Japan
			1527	Spatio-Temporal Analysis of Transformer Based Architecture for Attention Estimation from EEG		Delvigne	Victor	Belgium
			1530	Exploiting Spatial-Temporal Correlations for Video Anomaly Detection		Zhao	Mengyang	China
			1533	Quantitative Analysis of Object Detectors for Autonomous Driving and Autonomous Parking		Gohil	Priteshkumar Bharatbhai	Germany
			1534	Dataset Bias in Deception Detection		Mambreyan	Ara	United Kingdom
			1535	CVIL: Cross-Lingual Training of Vision-Language Models Using Knowledge Distillation		Gupta	Kshitij	India
			1539	Factorization Approach for Sparse Spatio-Temporal Brain-Computer Interface		Lee	Seong-Whan	Korea, South
			1547	Multimodal Deep Sparse Subspace Clustering for Multiple Stimuli-Based Cognitive Task		Roy	Partha Pratim	India
			1555	U-Former: Improving Monaural Speech Enhancement with Multi-Head Self and Cross Attention		Hao	Jianjun	China
			1556	MLCFNet: Multi-Level Context Fusion Network for 3D Object Tracking		Zhang	Yongchang	China
			1562	WiID: Precise WiFi-Based Person Identification Via Bio-Electromagnetic Information		Zhang	Jia	China
			1567	Discriminant Variance Criterion for Sentiment Analysis		Jin	Lingbin	China
			1574	RFNet: A Refinement Network for Semantic Segmentation		Wang	Runmin	China
			1581	Improving Spectral Clustering Using Spectrum-Preserving Node Aggregation		Wang	Yongyu	United States of America
			1588	Unsupervised Feature Selection Via Feature-Grouping and Orthogonal Constraint		Wei	Chen	China
			1595	Aggregation Transformer for Human Pose Estimation		hao	Dong	China
			1601	A High-Capacity Text Watermarking Method Based on Geometric Micro-distortion		Jin	Yuxin	China
			1602	Episodic Projection Network for Out-Of-Distribution Detection in Few-Shot Learning		Fan	Jiawei	China
			1603	Vertebral Compression Fracture Detection Using Multiple Instance Learning and Majority Voting		Iyer	Sankaran	Australia
			1609	Efficient Text-Based Person Search Via Single-Stage Identity-Guided Attribute Parsing and Alignment		liu	Tianyu	China
			1615	AST-Net: Lightweight Hybrid Transformer for Multimodal Brain Tumor Segmentation		Peng	Jialin	China
			1616	TensorMixup Data Augmentation Method for Fully Automatic Brain Tumor Segmentation		Wang	Yu	China
			1617	Learning Discriminative Features with Region Attention and Refinement Network for Facial Expression Recognition in the Wild		Li	Chunlei	China
			1618	A Novel Magnification-Robust Network with Sparse Self-Attention for Micro-Expression Recognition		wei	Mengting	China
			1621	Low Light Image Enhancement by Multispectral Fusion and Convolutional Neural Networks		Mei	Lin	China
			1626	Dual Self-Paced SMOTE for Imbalanced Data		Guan	Hongjiao	China
			1629	PyNet-V2 Mobile: Efficient On-Device Photo Processing with Neural Networks		Ignatov	Andrey	Switzerland
			1631	Multimodal Tree Decoder for Table of Contents Extraction in Document Images		Du	Jun	China
			1634	Deep Hotel Recommender System Using Aspect-Based Sentiment Analysis of Users' Reviews		Emiral	Bilgehan	Turkey

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			1641	Attention-based Graph Neural Network for the Classification of Parkinson's Disease		Lei	Baiying	China
			1643	Intention-Aware Transformer with Adaptive Social and Temporal Learning for Vehicle Trajectory Prediction		Chen	Xiaobo	China
			1644	Dynamic Attention Based Domain Generalization for Face Anti-Spoofing		Zhang	Sheng	China
			1645	Parkinson's Disease Classification with Self-Supervised Learning and Attention Mechanism		Lei	Baiying	China
			1660	Re-Identification Loss in Combination Spaces for Multiple Object Tracking		Bai	Guangming	China
			1664	PGDP5K: A Diagram Parsing Dataset for Plane Geometry Problems		Hao	Yihan	China
			1672	Face Profile Biometric Enhanced by Eyewitness Testimonies		Alamri	Malak	United Kingdom
			1674	FIPHN: Feature-Integrated Patch-Hierarchical Network for Single Image Reflection Removal		Li	Yue	China
			1677	FitGAN: Fit and Shape-Realistic Generative Adversarial Network for Fashion		Pecenakova	Sonia	Germany
			1681	Deep Reinforcement Learning for Exact Combinatorial Optimization: Learning to Branch		Banitalebi Dehkordi	Amin	Canada
			1688	Semi-Supervised Learning Via Multiple Layer Graph Regularized Perception		xu	Haiyun	China
			1689	Cross-Session Specific Emitter Identification Using Adversarial Domain Adaptation with Wasserstein Distance		Wang	Chunji	China
			1694	Deep Discriminative Hashing Networks on Point-Wise Labels for Image Retrieval		Zhong	Guoqiang	China
			1698	AdaDeld: Adjust Your Identity Attribute Freely		dong	Jing	China
			1702	Robust Iris Presentation Attack Detection through Stochastic Filter Noise		Agarwal	Akshay	India
			1704	ARawNet: A Lightweight Solution for Leveraging Raw Waveforms in Spoof Speech Detection		Teng	Zhongwei	United States of America
			1708	Microaneurysms Detection in Color Fundus Image with Feature-Based Background Suppression		Siswadi	Anneke	France
			1709	Attention W-Net: Improved Skip Connections for Better Representations		Ghosh	Sayantari	India
			1715	Reducing Image Bias and Mining Valuable Samples for Visual Question Answering		bin	Lou	China
			1717	Combining ExtremeNet with Shape Constraints and Re-Discrimination to Detect Cells from CD56 Images		Liu	Rong	China
			1727	LILA-BOTI : Leveraging Isolated Letter Accumulations by Ordering Teacher Insights for Bangla Handwriting Recognition		Mohammed	Nabeel	Bangladesh
			1729	FedGait: A Benchmark for Federated Gait Recognition		Yu	Shiqi	China
			1735	Table Information Extraction and Analysis: A Robust Geometric Approach Based on Gated GCN		tang	Xin	China
			1746	A Multimodal Framework for Automated Teaching Quality Assessment of One-To-Many Online Instruction Videos		Pan	Yueran	China
			1753	VideoPipe 2022 Challenge: Real-World Video Understanding for Urban Pipe Inspection		Liu	Yi	China
			1755	The First Challenge on Moving Object Detection and Tracking in Satellite Videos: Methods and Results		Qian	Yinqian	China
			1757	ICPR 2022: Challenge on Harvesting Raw Tables from Infographics (CHART-Infographics)		Setlur	Srirangaraj	Honduras