			•			Oct. 4, 2023
Paper No.	Title	Presentation Type	Session Number	Session Name	Session Date	Session Time
1570927156	Detection Model of Sister Chromatid Cohesion	Oral	A1	Biomedical Signal Processing and	Nov. 1	10:20-12:00
1570921579	Defects Based on Vision Transformer Mixed Emotion Recognition Based on EEG	Presentation Oral	A1	Systems Biomedical Signal Processing and	Nov. 1	10:20-12:00
	Signals	Presentation		Systems		
1570922763	Manipulation of Neuronal Network Firing	Oral	A1	Biomedical Signal Processing and	Nov. 1	10:20-12:00
	Patterns Using Temporal Deep Unfolding-Based	Presentation		Systems		
4570006600	MPC	0 1		B: 1: 16: 15 : 1		10 20 12 20
1570926693	Goodness of Fit to the Convolution Model of	Oral	A1	Biomedical Signal Processing and	Nov. 1	10:20-12:00
	fMRI Data and Determination of the Regularization Parameter	Presentation		Systems		
1570922738	Attention-Based CNN and Relative Phase	Oral	A1	Biomedical Signal Processing and	Nov. 1	10:20-12:00
1370322730	Feature Modeling for Improved Imagined	Presentation	7.1	Systems	1101.1	10.20 12.00
	Speech Recognition			7,5555		
1570928991	Holo-QoI: A Human Factor-Based Dataset and	Oral	A2	IVM-1: Multimedia Content Analysis	Nov. 1	15:00-17:00
	Prediction Framework for Assessing Quality of	Presentation		and Assessment		
	Interaction in Augmented Reality					
1570926745	Enhancing Real-Time Semantic Segmentation	Oral	A2	IVM-1: Multimedia Content Analysis	Nov. 1	15:00-17:00
	with Textual Knowledge of Pre-Trained Vision-	Presentation		and Assessment		
1570006706	Language Model: A Lightweight Approach	Oral	4.2	IVA 1. Naultine die Centent Anglusie	Nav. 1	15.00 17.00
1570906786	CH-MEAD: A Chinese Multimodal	Oral	A2	IVM-1: Multimedia Content Analysis	Nov. 1	15:00-17:00
	Conversational Emotion Analysis Dataset with	Presentation		and Assessment		
1570918715	Fine-Grained Emotion Taxonomy Evolutionary Analysis and Cultural Transmission	Oral	A2	IVM-1: Multimedia Content Analysis	Nov. 1	15:00-17:00
13,0310,13	Models of Color Style Distributions in Painting	Presentation	7.2	and Assessment	1101.1	13.00 17.00
	Arts	resentation		and Assessment		
1570926210	Ultimatelink Between Characters Having a	Oral	A2	IVM-1: Multimedia Content Analysis	Nov. 1	15:00-17:00
	Certain Meaning in Physical Space to URL in	Presentation		and Assessment		
	Cyberspace with Robust Print and Scan					
1570927392	Human Flow Measurement System Using Floor	Oral	A2	IVM-1: Multimedia Content Analysis	Nov. 1	15:00-17:00
	Estimation of Depth Images for Low-End IoT	Presentation		and Assessment		
	Devices					
1570922354	Speech Emotion Recognition by Late Fusion of	Oral	A3	SLA-III: Speech Emotion Recognition	Nov. 2	09:00-10:40
	Linguistic and Acoustic Features Using Deep	Presentation				
1570924918	Learning Models Multilingual, Cross-Lingual, and Monolingual	Oral	A3	SLA-III: Speech Emotion Recognition	Nov. 2	09:00-10:40
13/0924916	Speech Emotion Recognition on EmoFilm	Presentation	AS	SLA-III. Speecii Eiilotioii Recognitioii	NOV. Z	09.00-10.40
	Dataset	Fresentation				
1570926179	Ensambling Multilingual Pre-Trained Models for	Oral	A3	SLA-III: Speech Emotion Recognition	Nov. 2	09:00-10:40
	Predicting Multi-Label Regression Emotion	Presentation				
	Share from Speech					
1570927066	An Automatic Pipeline for Building Emotional	Oral	А3	SLA-III: Speech Emotion Recognition	Nov. 2	09:00-10:40
	Speech Dataset	Presentation				
1570927130	Analysis of Emotions in Speech Using AESDD	Oral	А3	SLA-III: Speech Emotion Recognition	Nov. 2	09:00-10:40
		Presentation				
1570927263	RobustL2S: Speaker-Specific Lip-To-Speech	Oral	A4	IVM-3: Multimedia Representation	Nov. 2	13:30-15:30
	Synthesis Exploiting Self-Supervised	Presentation		and Identification		
1570917786	Representations Structural Quality Assured Global Optimization	Oral	A4	IVM-3: Multimedia Representation	Nov. 2	13:30-15:30
1370917780	for CTU-Level Rate Control of Screen Content	Presentation	A4	and Identification	NOV. Z	13.30-13.30
	Coding	rescritation		and identification		
1570927425	Realizing Nipple in Profile Recognition and	Oral	A4	IVM-3: Multimedia Representation	Nov. 2	13:30-15:30
	Nipple Detection Using a Single Classification	Presentation		and Identification		
1570922235	Multi-Modal Emotion Recognition Based on 2D	Oral	A4	IVM-3: Multimedia Representation	Nov. 2	13:30-15:30
	Kernel Density Estimation for Multiple Labels	Presentation		and Identification		
	Fusion					
1570908707	ResNet-Based Camera Model Identification with		A4	IVM-3: Multimedia Representation	Nov. 2	13:30-15:30
	Adaptive Preprocessing Module and Weight	Presentation		and Identification		
4570027722	Fusion of Global Information	Ovel		IVAA 2. Madking adda Daga	N	42.20.45.53
1570927729	Exploring a CLIP-Enhanced Automated	Oral	A4	IVM-3: Multimedia Representation	Nov. 2	13:30-15:30
1570922182	Approach for Video Description Generation Geometrically Constrained Blind Moving Source	Presentation Oral	A5	and Identification SLA-VII: Speech Separation and	Nov 2	00.00.10.40
13/0355185	Extraction Based on Constant Separation Vector	Oral	AS	Tracking	Nov. 3	09:00-10:40
	and Auxiliary Function Technique	Presentation		I acking		
1570926480	Spatially-Regularized Switching Independent	Oral	A5	SLA-VII: Speech Separation and	Nov. 3	09:00-10:40
1.1520.00	Vector Analysis	Presentation		Tracking		22.00 10.40
1570922747	Universal Sound Separation Using Replay-Based	Oral	A5	SLA-VII: Speech Separation and	Nov. 3	09:00-10:40
	Data Sampling in Incremental Learning	Presentation		Tracking		
1570920332	Analysis of Speech Separation Performance	Oral	A5	SLA-VII: Speech Separation and	Nov. 3	09:00-10:40
	Degradation on Emotional Speech Mixtures	Presentation	1	Tracking	1	

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Paper No.	Title	Presentation Type	Session Number	Session Name	Session Date	Session Time
1570925171	Multiple Sound Source Tracking Based on	Oral	A5	SLA-VII: Speech Separation and	Nov. 3	09:00-10:40
	Generative Modeling and Recursive Bayesian	Presentation		Tracking		
	Filtering of Spatial Gradient Spectra		<u> </u>			
1570926895	Mismatched Semi-Supervised Learning with	Oral	B1	Data Analytics and Machine Learning	Nov. 1	10:20-12:00
1570927160	Feature Similarity Consistency Learning Meta Soft Prompt for Few-Shot	Presentation Oral	B1	Data Analytics and Machine Learning	Nov. 1	10:20-12:00
1370327100	Language Models	Presentation		Data Analytics and Machine Learning	1101. 1	10.20 12.00
1570927029	Collaborative Pseudo Labeling for Prompt-Based		B1	Data Analytics and Machine Learning	Nov. 1	10:20-12:00
	Learning	Presentation				
1570921618	GRALA: Modeling Social Information for	Oral	B1	Data Analytics and Machine Learning	Nov. 1	10:20-12:00
	Microblog Sentiment Analysis from the View of	Presentation				
	Balancing Sparsity and Smoothness of Social					
1570922657	Contexts Adopting Neural Translation Model in Data	Oral	B1	Data Analytics and Machine Learning	Nov. 1	10:20-12:00
1370322037	Generation for Inverse Text Normalization	Presentation		Bata / that yellos and triadinine Edulining	1101.1	10.20 12.00
1570926965	Cross-Subject Classification of Spoken Mandarin	Oral	B2	Advanced Biomedical Signal	Nov. 1	15:00-17:00
	Vowels and Tones with EEG Signals: A Study of	Presentation		Processing (II): Brain Signal Processing		
	End-To-End CNN with Fine-Tuning			and Analysis		
1570924474	Supervised Single-Channel EEG Decomposition	Oral	B2	Advanced Biomedical Signal	Nov. 1	15:00-17:00
	Using Detector-Kernel Networks for Noise Reduction	Presentation		Processing (II): Brain Signal Processing and Analysis		
1570926487	EEG Study on Anticipation of Difficulty for	Oral	B2	Advanced Biomedical Signal	Nov. 1	15:00-17:00
	Upcoming Auditory Task	Presentation		Processing (II): Brain Signal Processing		
	,			and Analysis		
1570927162	Multimodal Recognition of Speech and	Oral	B2	Advanced Biomedical Signal	Nov. 1	15:00-17:00
	Electrocorticogram	Presentation		Processing (II): Brain Signal Processing		
1570926943	Event-Related Potential in Rapid Serial Visual	Oral	B2	and Analysis Advanced Biomedical Signal	Nov. 1	15:00-17:00
15/0920943	Presentation-Based Partial Face Cognition	Presentation	DZ.	Processing (II): Brain Signal Processing	NOV. 1	15:00-17:00
	Depends on Visible Face Components	rescritation		and Analysis		
1570927099	Decoding Time-Course of Saliency Network of	Oral	B2	Advanced Biomedical Signal	Nov. 1	15:00-17:00
	fMRI Signals by EEG Signals Using Optimized	Presentation		Processing (II): Brain Signal Processing		
	Forward Variable Selection: A Concurrent EEG-			and Analysis		
1570022590	fMRI Study	Oral	D2	Acoustic Scene Analysis and Signal	Nov. 2	00.00 10.40
1570922580	Moving Interference Speaker Removal Using Geometrically Constrained Independent Vector	Presentation	В3	Enhancement Based on Advanced	Nov. 2	09:00-10:40
	Analysis	resentation		Signal Processing and Machine		
	7 titaly 515			Learning		
1570922283	Modified Parametric Multichannel Wiener Filter	Oral	В3	Acoustic Scene Analysis and Signal	Nov. 2	09:00-10:40
	for Low-Latency Enhancement of Speech	Presentation		Enhancement Based on Advanced		
	Mixtures with Unknown Number of Speakers			Signal Processing and Machine		
1570921315	A Weighted Binary Cross-Entropy for Sound	Oral	B3	Learning Acoustic Scene Analysis and Signal	Nov. 2	09:00-10:40
1370321313	Event Representation Learning and Few-Shot	Presentation		Enhancement Based on Advanced	1101.2	03.00 10.10
	Classification			Signal Processing and Machine		
				Learning		
1570922335	A Dual-Channel Three-Stage Model for DoA and		В3	Acoustic Scene Analysis and Signal	Nov. 2	09:00-10:40
	Speech Enhancement	Presentation		Enhancement Based on Advanced		
				Signal Processing and Machine		
1570922508	Blind Source Separation Using Independent	Oral	B3	Learning Acoustic Scene Analysis and Signal	Nov. 2	09:00-10:40
1370322300	Low-Rank Matrix Analysis with Spectrogram-	Presentation		Enhancement Based on Advanced	1101.2	03.00 10.10
	Consistency Regularization			Signal Processing and Machine		
				Learning		
1570926459	Learning Single Image Rain Streak Removal	Oral	B4	Innovative Technology on 3D Point	Nov. 2	13:30-15:30
1570036056	Based on Deep Attention Mechanism	Presentation	D.4	Cloud and Image Processing	Nov. 3	12-20 45-20
1570926956	Dense Three-Dimensional Color Reconstruction	Oral Presentation	B4	Innovative Technology on 3D Point Cloud and Image Processing	Nov. 2	13:30-15:30
1570921556	for Large-Scale Outdoor Scenes 3D Point Cloud Denoising Based on Color	Oral	B4	Innovative Technology on 3D Point	Nov. 2	13:30-15:30
10.0021000	Attribute	Presentation		Cloud and Image Processing		13.30 13.30
1570922276	Identification of Victims Wearing Vibrant	Oral	B4	Innovative Technology on 3D Point	Nov. 2	13:30-15:30
	Clothing Using MATLAB	Presentation	1	Cloud and Image Processing		
1570922255	The VLSI Design DSP and DDR4 for Multi-Sensor	Oral	B4	Innovative Technology on 3D Point	Nov. 2	13:30-15:30
457000000	in Biomedical System	Presentation	+	Cloud and Image Processing	NI -	42.22.17.5
1570922282	Point Cloud Inpainting Based on Delaunay	Oral	B4	Innovative Technology on 3D Point	Nov. 2	13:30-15:30
1570926903	Triangulation Maximization of 2D Cross-Correlation Based on	Presentation Oral	B5	Cloud and Image Processing High Performance Image and Video	Nov. 3	09:00-10:40
13,0320303	Auxiliary Function Method for Image Alignment	Presentation		Processing and Applications	1404. 3	05.00-10.40
1570027000	Multitask Record for Badminton Match	Oral	B5	High Performance Image and Video	Nov. 3	09:00-10:40
1570927009	Waltitask Necola for Baaminton Water					

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Paper No.	Title	Type	Number	Name	Date	Session Time
1570927169	Deep Residual and Classified Neural Networks	Oral	B5	High Performance Image and Video	Nov. 3	09:00-10:40
1370327103	for Inverse Halftoning	Presentation		Processing and Applications	1101.5	03.00 10.10
1570917637	Joint Optimization Algorithm for Adaptive Bit	Oral	B5	High Performance Image and Video	Nov. 3	09:00-10:40
1370317007	Allocation Based on Temporal-Spatial	Presentation		Processing and Applications		03.00 20.10
	Information			Treesoning and Applications		
1570927234	ASF-LLRDA: Locality-Regularized Linear	Oral	B5	High Performance Image and Video	Nov. 3	09:00-10:40
	Regression Discriminant Analysis with	Presentation		Processing and Applications		
	Approximately Symmetrical Face Preprocessing			Дана принамена		
	for Face Recognition					
1570928941	Unbiased Decision-Making Framework in Long-	Oral	C1	Deep Learning: Algorithm,	Nov. 1	10:20-12:00
	Video Macro & Micro-Expression Spotting	Presentation	-	Implementations, and Applications		
1570927433	Addressing Distortion in Social Distance	Oral	C1	Deep Learning: Algorithm,	Nov. 1	10:20-12:00
10,001,00	Monitoring: Calibration for Accurate Distance	Presentation	02	Implementations, and Applications		10.20 12.00
	Calculation	resentation		mprementations, and Applications		
1570919909	Instance Implant-Aided Non-Uniformly	Oral	C1	Deep Learning: Algorithm,	Nov. 1	10:20-12:00
10,001000	Cropping for Person Detection in Aerial Images	Presentation	02	Implementations, and Applications		10.20 12.00
1570922501	Residual, Mixer, and Attention: The Three-Way	Oral	C1	Deep Learning: Algorithm,	Nov. 1	10:20-12:00
13,0322301	Combination for Streaming Wake Word	Presentation	C1	Implementations, and Applications	1101.1	10.20 12.00
	Detection Framework	resentation		implementations, and Applications		
1570917627	MSDF-Net: A Multi-Scale Deep Fusion Network	Oral	C1	Deep Learning: Algorithm,	Nov. 1	10:20-12:00
13/031/02/	with Dilated Convolutions for Cloud Removal	Presentation	CI	Implementations, and Applications	1100. 1	10.20-12.00
		riesentation		implementations, and Applications		
1570922202	from Sentinel-2 Imagery A Reversible Image Processing Method for Color	Oral	C2	Multimedia Security and Privacy in	Nov. 1	15:00-17:00
15/0922202			C2	· · · · · · · · · · · · · · · · · · ·	NOV. 1	15:00-17:00
1570027200	Tone Control Using Data Hiding	Presentation		the Age of Deep Learning	Nau 1	15.00 17.00
1570927308	Enhancing Privacy Preservation with Quantum	Oral	C2	Multimedia Security and Privacy in	Nov. 1	15:00-17:00
	Computing for Word-Level Audio-Visual Speech	Presentation		the Age of Deep Learning		
4570026640	Recognition	01	62	NA drive die Consultational Driversia	No. 4	45.00.47.00
1570926640	Gait Recognition Scheme Focusing on Operating		C2	Multimedia Security and Privacy in	Nov. 1	15:00-17:00
	Characteristics at Feature Points Detected by	Presentation		the Age of Deep Learning		
.=====	OpenPose					
1570926094	Image-Text Out-Of-Context Detection Using	Oral	C2	Multimedia Security and Privacy in	Nov. 1	15:00-17:00
	Synthetic Multimodal Misinformation	Presentation		the Age of Deep Learning		
1570926846	A Study on Eliminating Biased Node in	Oral	C2	Multimedia Security and Privacy in	Nov. 1	15:00-17:00
	Federated Learning	Presentation		the Age of Deep Learning		
1570927199	Can StArtGAN Withstand Image Processing	Oral	C2	Multimedia Security and Privacy in	Nov. 1	15:00-17:00
	Attacks?	Presentation		the Age of Deep Learning		
1570930807	Pose-Based Visual Servoing with Lightweight	Oral	C3	Intelligent Recognition Applications	Nov. 2	09:00-10:40
	Deep-Learning Binarization for Autonomous	Presentation				
	Mobile Robot Application					
1570922513	Identifying the Style of Chatting	Oral	C3	Intelligent Recognition Applications	Nov. 2	09:00-10:40
		Presentation				
1570922463	Automated Carina Detection in Chest X-Ray	Oral	C3	Intelligent Recognition Applications	Nov. 2	09:00-10:40
	Images Using Non-Overlapping and Cross-	Presentation				
	Squeeze Convolutional Neural Networks					
1570949804	Integration of Contextual Information with	Oral	C3	Intelligent Recognition Applications	Nov. 2	09:00-10:40
	YOLOv5 for Detecting Tracheobronchial Foreign	Presentation				
	Objects					
1570920362	A Reconfigurable Hardware Architecture for	Oral	C3	Intelligent Recognition Applications	Nov. 2	09:00-10:40
	Graph Convolution Network in Action	Presentation				
	Recognition					
1570926206	MKTformer: Fine-Grained Meter Classification	Oral	C4	Machine Learning under Data-	Nov. 2	13:30-15:30
	Based on Multi-Modal Knowledge Transfer	Presentation		Constrained Conditions		
1570926733	Dictionary-Driven Chinese ASR Entity Correction		C4	Machine Learning under Data-	Nov. 2	13:30-15:30
	with Controllable Decoding	Presentation		Constrained Conditions		
1570927290	A Method of Efficient Synthesizing Post-Disaster	Oral	C4	Machine Learning under Data-	Nov. 2	13:30-15:30
	Remote Sensing Image with Diffusion Model	Presentation		Constrained Conditions		
	and LLM					
1570922263	Privacy-Oriented Coded Caching in Mobile	Oral	C4	Machine Learning under Data-	Nov. 2	13:30-15:30
	Information-Centric Network	Presentation		Constrained Conditions		
1570926331	Feature Augmentation Reconstruction Network	Oral	C4	Machine Learning under Data-	Nov. 2	13:30-15:30
	for Few-Shot Image Classification	Presentation		Constrained Conditions		
1570926462	Dual Feature Reconstruction Network Based on	Oral	C4	Machine Learning under Data-	Nov. 2	13:30-15:30
J. 2320 102	Few-Shot Image Classification	Presentation	•	Constrained Conditions		_5.55 15.50
1570920265	DOA-Aware Audio-Visual Self-Supervised	Oral	C5	Advanced Topics on Sound Event and	Nov. 3	09:00-10:4
13/03/0202		Presentation			1404. 3	03.00-10.40
	Learning for Sound Event Localization and	i resemanon		Scene Analysis		
1570024600	Detection Laint Analysis of Acquetic Scopes and Sound	Oral	CE	Advanced Tenics on Sound Event and	Nov 2	00.00 10.44
1570924600	Joint Analysis of Acoustic Scenes and Sound		C5	Advanced Topics on Sound Event and	Nov. 3	09:00-10:40
4570022424	Events Based on Semi-Supervised Approach	Presentation		Scene Analysis	NI 2	00.00.10.11
1570922484	Improving Sound Event Localization and	Oral	C5	Advanced Topics on Sound Event and	Nov. 3	09:00-10:40
	Detection with Class-Dependent Sound	Presentation		Scene Analysis		
	Separation for Real-World Scenarios					

Paper No.	Title	Presentation	Session	Session	Session	Session Time
		Туре	Number	Name	Date	
1570927177	Augmentation of Various Speed Data by Controlling Frame Overlap for Acoustic Traffic Monitoring	Oral Presentation	C5	Advanced Topics on Sound Event and Scene Analysis	Nov. 3	09:00-10:40
1570927096	Cross-Domain Sound Recognition for Efficient Underwater Data Analysis	Oral Presentation	C5	Advanced Topics on Sound Event and Scene Analysis	Nov. 3	09:00-10:40
1570926113	Enhanced Neural Beamformer with Spatial Information for Target Speech Extraction	Oral Presentation	D1	Recent Advances on Speech Preprocessing in Multi-Speaker Scenarios	Nov. 1	10:20-12:00
1570922138	Adaptive Beamforming Based on Interference- Plus-Noise Covariance Matrix Reconstruction for Speech Separation	Oral Presentation	D1	Recent Advances on Speech Preprocessing in Multi-Speaker Scenarios	Nov. 1	10:20-12:00
1570926747	Low-Complexity Multi-Channel Speaker Extraction with Pure Speech Cues	Oral Presentation	D1	Recent Advances on Speech Preprocessing in Multi-Speaker	Nov. 1	10:20-12:00
1570922648	CASA-Net: Cross-Attention and Self-Attention for End-To-End Audio-Visual Speaker Diarization	Oral Presentation	D1	Scenarios Recent Advances on Speech Preprocessing in Multi-Speaker	Nov. 1	10:20-12:00
1570922275	Correlated Multi-Level Speech Enhancement for Robust Real-World ASR Applications Using	Oral Presentation	D1	Scenarios Recent Advances on Speech Preprocessing in Multi-Speaker	Nov. 1	10:20-12:00
1570927404	Mask-Waveform-Feature Optimization Facial Expression Recognition as Markers of Depression	Oral Presentation	D2	Scenarios The Intersection of AI and Computer Vision: Advancements and	Nov. 1	15:00-17:00
1570927315	Unveiling Robust Feature Spaces: Image vs. Embedding-Oriented Approaches for Plant Disease Identification	Oral Presentation	D2	Opportunities The Intersection of AI and Computer Vision: Advancements and Opportunities	Nov. 1	15:00-17:00
1570927406	How Transferable are Herbarium-Field Features in Few-Shot Plant Identification with Triplet Loss?	Oral Presentation	D2	The Intersection of AI and Computer Vision: Advancements and Opportunities	Nov. 1	15:00-17:00
1570922262	Interpretable Image Recognition in Hyperbolic Space	Oral Presentation	D2	The Intersection of AI and Computer Vision: Advancements and Opportunities	Nov. 1	15:00-17:00
1570927111	Low-Light is More than Darkness: An Empirical Study on Illumination Types and Enhancement Methods	Oral Presentation	D2	The Intersection of AI and Computer Vision: Advancements and Opportunities	Nov. 1	15:00-17:00
1570927285	MoMo Strategy: Learn More from More Mistakes	Oral Presentation	D2	The Intersection of AI and Computer Vision: Advancements and Opportunities	Nov. 1	15:00-17:00
1570926398	Moreau Envelope ADMM for Decentralized Weakly Convex Optimization	Oral Presentation	D3	Signal and Information Processing Theory and Methods	Nov. 2	09:00-10:40
1570922496	\(\Delta\Sigma\) Modulators for Discrete-Time Closed Loop Control Systems with Quantization and Saturation	Oral Presentation	D3	Signal and Information Processing Theory and Methods	Nov. 2	09:00-10:40
1570927312	Convolutional Multidimensional Amplitude Spectrum Nuclear Norm for Frequency-Domain Robust Principal Component Analysis	Oral Presentation	D3	Signal and Information Processing Theory and Methods	Nov. 2	09:00-10:40
1570922394	Real-Time Noise Suppression Using Harmonic/Percussive Separation with Morphological Operations for Hammering Test	Oral Presentation	D3	Signal and Information Processing Theory and Methods	Nov. 2	09:00-10:40
1570927410	Asymptotic Estimation Performance of Linear Regression Model with Sparse Bayesian Learning as Both Samples and Signals Approach Infinity	Oral Presentation	D3	Signal and Information Processing Theory and Methods	Nov. 2	09:00-10:40
1570926940	A Cloud-Based Data Platform for Efficient EEG Data Management, Collaboration, and Analysis	Oral Presentation	D4	Signal Processing and Artificial Intelligence in Biomedicine and Healthcare	Nov. 2	13:30-15:30
1570922470	Incorporating the Digit Triplet Test in A Lightweight Speech Intelligibility Prediction for Hearing Aids	Oral Presentation	D4	Signal Processing and Artificial Intelligence in Biomedicine and Healthcare	Nov. 2	13:30-15:30
1570927398	Deep Learning-Based MRI Super-Resolution Using Non-Uniform Segmented Phase- Scrambling Fourier Transform Signals	Oral Presentation	D4	Signal Processing and Artificial Intelligence in Biomedicine and Healthcare	Nov. 2	13:30-15:30
1570926092	An Improved Check Digit-Based Participant Identification System for Human Biorepositories	Oral Presentation	D4	Signal Processing and Artificial Intelligence in Biomedicine and Healthcare	Nov. 2	13:30-15:30
1570926707	Enhancing Snoring Detection with Statistical Analysis of Audio Features	Oral Presentation	D4	Signal Processing and Artificial Intelligence in Biomedicine and Healthcare	Nov. 2	13:30-15:30
1570925812	An Extreme Gradient Boosting-Based Prediction for Depression	Oral Presentation	D4	Signal Processing and Artificial Intelligence in Biomedicine and Healthcare	Nov. 2	13:30-15:30

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Paper No.	Title	Presentation Type	Session Number	Session Name	Session Date	Session Time
1570924293	In-Air Handwriting for Chinese Character	Oral	D5	Modern Signal Analysis and	Nov. 3	09:00-10:40
	Recognition from Monocular Camera: A Deep	Presentation		Representation Methods and Their		
	Learning Based Approach with Fingertip			Applications		
	Detection and Virtual Strokes Elimination					
1570927092	EffSegmentNet: Efficient Design for Real-Time	Oral	D5	Modern Signal Analysis and	Nov. 3	09:00-10:40
	Semantic Segmentation	Presentation		Representation Methods and Their		
				Applications		
1570923045	Universal Optimal Parameters of the Closed-	Oral	D5	Modern Signal Analysis and	Nov. 3	09:00-10:40
	Form Linear Canonical Wigner Distribution	Presentation		Representation Methods and Their		
				Applications		
1570922120	Distributed Computation of Heat Kernel	Oral	D5	Modern Signal Analysis and	Nov. 3	09:00-10:40
	Smoothing Using Series Expansion Method	Presentation		Representation Methods and Their		
				Applications		
1570927040	Autoencoder-Enhanced Federated Learning	Oral	D5	Modern Signal Analysis and	Nov. 3	09:00-10:40
	with Reduced Overhead and Lower Latency	Presentation		Representation Methods and Their		
	The meaded of the mead and some sateries,			Applications		
1570921024	Modeling Suprasegmental Information Using	Oral	E1	SLA-I: Speaker Recognition and	Nov. 1	10:20-12:00
1370321021	Finite Difference Network for End-To-End	Presentation		Spoken Language Identification	1101. 1	10.20 12.00
	Speaker Verification	resentation		Spoken Language Identification		
1570927368	Consideration of Varying Training Lengths for	Oral	E1	SLA-I: Speaker Recognition and	Nov. 1	10:20-12:00
1370927308					NOV. 1	10.20-12.00
1570922888	Short-Duration Speaker Verification A Lightweight Speaker Verification Model for	Presentation Oral	E1	Spoken Language Identification SLA-I: Speaker Recognition and	Nov. 1	10:20-12:00
15/0922888			E1		NOV. 1	10.20-12.00
4570027260	Edge Device	Presentation		Spoken Language Identification	No. 4	10.20.12.00
1570927360	Exploring Residual Cepstral Features for Spoken	Oral	E1	SLA-I: Speaker Recognition and	Nov. 1	10:20-12:00
	Language Identification	Presentation		Spoken Language Identification		
1570927126	Adversarial Robustness of Mel Based Speaker	Oral	E1	SLA-I: Speaker Recognition and	Nov. 1	10:20-12:00
	Recognition Systems	Presentation		Spoken Language Identification		
1570922572	On Joint Dereverberation and Source Separation	Oral	E3	SLA-IV: Speech Enhancement	Nov. 2	09:00-10:40
	with Geometrical Constraints and Iterative	Presentation				
	Source Steering					
1570927081	Enhancing Spectrogram for Audio Classification	Oral	E3	SLA-IV: Speech Enhancement	Nov. 2	09:00-10:40
	Using Time-Frequency Enhancer	Presentation				
1570923889	Step Size Control of Shared-Error Normalized	Oral	E3	SLA-IV: Speech Enhancement	Nov. 2	09:00-10:40
	Least Mean Square Algorithm for Acoustic Echo	Presentation				
	and Noise Canceller					
1570921429	An Audio-Visual Speech Enhancement System	Oral	E3	SLA-IV: Speech Enhancement	Nov. 2	09:00-10:40
	Based on 3D Image Features: An Application in	Presentation				
	Hearing Aids					
1570922706	Study of Generative Adversarial Networks for	Oral	E3	SLA-IV: Speech Enhancement	Nov. 2	09:00-10:40
	Noisy Speech Simulation from Clean Speech	Presentation				
1570924076	OpenPose Based Yoga Poses Difficulty	Oral	E4	Artificial Intelligence (AI) for	Nov. 2	13:30-15:30
	Estimation for Dynamic and Static Yoga	Presentation		Multimedia Processing and		
	Exercises			Applications		
1570922271	Un-Rectifying in ReLU Networks and	Oral	E4	Artificial Intelligence (AI) for	Nov. 2	13:30-15:30
13,0322271	Applications	Presentation		Multimedia Processing and	1101.2	13.30 13.30
	Applications	resentation		Applications		
1570925494	Multimodal Multifaceted Music Emotion	Oral	E4	Artificial Intelligence (AI) for	Nov. 2	13:30-15:30
13/0323434	Recognition Based on Self-Attentive Fusion of	Presentation	"	Multimedia Processing and	INOV. Z	13.30-13.30
	-	i resemanon		•		
	Psychology-Inspired Symbolic and Acoustic			Applications		
1570037450	Features	Oral		Autificial Intalliance /AIV for	Na. 2	12-20 45-22
1570927150	Learned String Quartet Music with Variational	Oral	E4	Artificial Intelligence (AI) for	Nov. 2	13:30-15:30
	Auto Encoder	Presentation		Multimedia Processing and		
				Applications		
1570927209	SOAda-YOLOR: Small Object Adaptive YOLOR	Oral	E4	Artificial Intelligence (AI) for	Nov. 2	13:30-15:30
	Algorithm for Road Object Detection	Presentation		Multimedia Processing and		
				Applications		
1570927284	Badminton Self-Training System Based on	Oral	E4	Artificial Intelligence (AI) for	Nov. 2	13:30-15:30
	Virtual Reality	Presentation	1	Multimedia Processing and		
				Applications		
1570927017	Approximate Modeling of Malware Diffusion on	Oral	E5	Digital Convergence of 5G/B5G, AloT	Nov. 3	09:00-10:40
	Wireless Mobile Devices	Presentation	1	and Security		
1570922164	A Comparative Analysis of the Yolo Models for	Oral	E5	Digital Convergence of 5G/B5G, AloT	Nov. 3	09:00-10:40
	Intelligent Lobster Surveillance Camera	Presentation	1	and Security		
1570927369	Impacts of 5G-TDD Time Slot Configurations on	Oral	E5	Digital Convergence of 5G/B5G, AloT	Nov. 3	09:00-10:40
13,032,303	the Downlink and Uplink Data Rates	Presentation		and Security	1,00.5	05.00 10.40
1570922372	A UAV Indoor Obstacle Avoidance System Based		E5	Digital Convergence of 5G/B5G, AloT	Nov. 3	09:00-10:40
13/03223/2	1		_ E3		INOV. 3	05.00-10.40
1570036064	on Deep Reinforcement Learning	Presentation		and Security	No. 2	00-00-40-40
1570926864	Deep Unfolding-Based Distributed MIMO	Oral	E5	Digital Convergence of 5G/B5G, AloT	Nov. 3	09:00-10:40
	Detection	Presentation		and Security		

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Paper No.	Title	Presentation Type	Session Number	Session Name	Session Date	Session Time
1570922549	Simultaneous Measurement of Multiple	Oral	F1	SLA-II: Music Information Processing	Nov. 1	10:20-12:00
13703223.3	Acoustic Attributes Using Structured Periodic	Presentation		52 ·		10.20 12.00
	Test Signals Including Music and Other Sound					
	Materials					
1570926828	Audio-To-Score Singing Transcription Based on	Oral	F1	SLA-II: Music Information Processing	Nov. 1	10:20-12:00
	Joint Estimation of Pitches, Onsets, and Metrical	Presentation				
	Positions with Tatum-Level CTC Loss					
1570920700	Learning Multifaceted Self-Similarity for Musical	Oral	F1	SLA-II: Music Information Processing	Nov. 1	10:20-12:00
	Structure Analysis	Presentation				
1570917886	Joint Drum Transcription and Metrical Analysis	Oral	F1	SLA-II: Music Information Processing	Nov. 1	10:20-12:00
	Based on Periodicity-Aware Multi-Task Learning	Presentation				
1570917888	CTC2: End-To-End Drum Transcription Based on	Oral	F1	SLA-II: Music Information Processing	Nov. 1	10:20-12:00
	Connectionist Temporal Classification with	Presentation				
	Constant Tempo Constraint					
1570926883	Increasing Speech Intelligibility by Mimicking	Oral	F3	SLA-V: Text-to-Speech and Voice	Nov. 2	09:00-10:40
	Professional Announcers' Voices and Its Physical	Presentation		Conversion		
	Correlates					
1570926520	Accent-Preserving Voice Conversion Between	Oral	F3	SLA-V: Text-to-Speech and Voice	Nov. 2	09:00-10:40
	Native-Nonnative Speakers for Second	Presentation		Conversion		
	Language Learning					
1570921791	DisC-VC: Disentangled and F0-Controllable	Oral	F3	SLA-V: Text-to-Speech and Voice	Nov. 2	09:00-10:40
	Neural Voice Conversion	Presentation		Conversion		
1570920609	Evaluating Methods for Ground-Truth-Free	Oral	F3	SLA-V: Text-to-Speech and Voice	Nov. 2	09:00-10:40
	Foreign Accent Conversion	Presentation		Conversion		
1570922504	Speech Synthesis Using Ambiguous Inputs from	Oral	F3	SLA-V: Text-to-Speech and Voice	Nov. 2	09:00-10:40
	Wearable Keyboards	Presentation		Conversion		
1570927158	Quick Response (QR) Codes Embedding in VVC	Oral	F4	Emerging Trends in Privacy,	Nov. 2	13:30-15:30
	Using Quantisation Parameter Manipulation	Presentation		Multimedia Security and Forensics:		
				Deep Learning and Al Approaches		
1570922211	Rotation Angle Detection Using a Pilot Signal	Oral	F4	Emerging Trends in Privacy,	Nov. 2	13:30-15:30
	from Rotated Stego-Image	Presentation		Multimedia Security and Forensics:		
				Deep Learning and AI Approaches		
1570922582	Application for Generating Re-Accessible	Oral	F4	Emerging Trends in Privacy,	Nov. 2	13:30-15:30
	Screenshots of Web Pages Using Histogram	Presentation		Multimedia Security and Forensics:		
	Shrinkage			Deep Learning and Al Approaches		
1570925940	Domain Adaptation for Efficiently Fine-Tuning	Oral	F4	Emerging Trends in Privacy,	Nov. 2	13:30-15:30
	Vision Transformer with Encrypted Images	Presentation		Multimedia Security and Forensics:		
				Deep Learning and AI Approaches		
1570926183	Study on Face Landmark-Based Analysis for	Oral	F4	Emerging Trends in Privacy,	Nov. 2	13:30-15:30
	Synthetic Media Identification Generated by	Presentation		Multimedia Security and Forensics:		
	Adversarial Generative Networks			Deep Learning and AI Approaches		
1570926557	HDR Image Watermarking Based on Saliency	Oral	F4	Emerging Trends in Privacy,	Nov. 2	13:30-15:30
	Detection and Quantization Index Modulation	Presentation		Multimedia Security and Forensics:		
				Deep Learning and AI Approaches		
1570920209	Explainable Deep Mechanical Troubleshooting	Oral	F5	Recent Advances in Industry 4.0:	Nov. 3	09:00-10:40
		Presentation		Exploring New Technologies,		
				Applications, and Best Practices		
1570927810	Application of Wafer Defect Pattern	Oral	F5	Recent Advances in Industry 4.0:	Nov. 3	09:00-10:40
	Classification Model in the Semiconductor	Presentation		Exploring New Technologies,		
	Industry			Applications, and Best Practices		
1570921920	Study on the Reduction of Background Fringes	Oral	F5	Recent Advances in Industry 4.0:	Nov. 3	09:00-10:40
	for Detect Detection on Specular Surface	Presentation		Exploring New Technologies,		
		<u> </u>	1	Applications, and Best Practices	<u> </u>	
1570927105	On the Optimal Self-Supervised Multi-Fault	Oral	F5	Recent Advances in Industry 4.0:	Nov. 3	09:00-10:40
	Detector for Temperature Sensor Data	Presentation		Exploring New Technologies,		
		ļ	1	Applications, and Best Practices		
1570928859	Question Answering System Based on Pre-	Oral	F5	Recent Advances in Industry 4.0:	Nov. 3	09:00-10:40
	Training Model and Retrieval Reranking for	Presentation	1	Exploring New Technologies,		
	Industry 4.0			Applications, and Best Practices		
1570921468	Cognitive Assessment of Autism Spectrum	Oral	G1	Advanced Biomedical Signal	Nov. 1	10:20-12:00
	Disorder Using an EEG-Based Social Interaction	Presentation	1	Processing (I): Human Well-Being		
	Platform		1			
1570927087	Evaluation of Neural Response Recorded Using	Oral	G1	Advanced Biomedical Signal	Nov. 1	10:20-12:00
	Scalp EEG in Virtual Reality Environment	Presentation	1	Processing (I): Human Well-Being		
1570926550	Prediction Model of Postoperative Pain	Oral	G1	Advanced Biomedical Signal	Nov. 1	10:20-12:00
	Exacerbation Using a Wearable	Presentation		Processing (I): Human Well-Being		
	Electrocardiogram Sensor					
1570926891	Directional Neural Connectivity During Robot	Oral	G1	Advanced Biomedical Signal	Nov. 1	10:20-12:00
	Mirror Therapy in Patients with Stroke	Presentation	1	Processing (I): Human Well-Being		
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Paper No.	Title	Presentation	Session	Session	Session	Session Time
1570922459	Gait Analysis in Powered Exoskeleton-Assisted	Type Oral	Number G1	Name Advanced Biomedical Signal	Date Nov. 1	10:20-12:00
1370922439	Walking in Patients with Stroke: A Case Series Cohort	Presentation	GI	Processing (I): Human Well-Being	NOV. 1	10.20-12.00
1570923629	Implementation and Analysis on	Oral	G2	Advanced Image and Video	Nov. 1	15:00-17:00
	Backpropagating Refinement Scheme for	Presentation		Processing Using Deep Learning		
	Interactive Image Segmentation					
1570925450	Implicit Neural Representation for Video Coding	Oral	G2	Advanced Image and Video	Nov. 1	15:00-17:00
	Through Progressive Feature Extraction	Presentation		Processing Using Deep Learning		
1570926766	3D Human Skeleton Estimation from Single RGB	Oral	G2	Advanced Image and Video	Nov. 1	15:00-17:00
	Image Based on Fusion of Predicted Depths	Presentation		Processing Using Deep Learning		
	from Multiple Virtual-Viewpoints					
1570926689	Low-Light Image Enhancement via Distillation of		G2	Advanced Image and Video	Nov. 1	15:00-17:00
	NIR-To-RGB Conversion Knowledge	Presentation		Processing Using Deep Learning		
1570921413	Resolution-Adaptive Lossless Image	Oral	G2	Advanced Image and Video	Nov. 1	15:00-17:00
	Compression Using Frequency Decomposition	Presentation		Processing Using Deep Learning		
1570026126	Network	Oral	62	A diseased lesses and Mides	No. 1	15.00 17.00
1570926136	Deep Unfolded Underwater Image Enhancement Based on Extreme Channels Prior		G2	Advanced Image and Video	Nov. 1	15:00-17:00
1570927108	Continual Local Updates for Federated Learning	Presentation Oral	G3	Processing Using Deep Learning Distributed and Multi-task Learning	Nov. 2	09:00-10:40
1370927106	with Enhanced Robustness to Link Noise	Presentation	U.S	Algorithms and Applications	NOV. Z	09.00-10.40
1570928560	Multi-Task Gaussian Process Learning to Fill in	Oral	G3	Distributed and Multi-task Learning	Nov. 2	09:00-10:40
1370320300	Gaps in LBS Mobile Data	Presentation		Algorithms and Applications	1101. 2	05.00 10.40
1570926395	Robust Networked Federated Learning for	Oral	G3	Distributed and Multi-task Learning	Nov. 2	09:00-10:40
10,0320033	Localization	Presentation		Algorithms and Applications		03.00 100
1570932251	Communication-Efficient Design of Leaning	Oral	G3	Distributed and Multi-task Learning	Nov. 2	09:00-10:40
	System for Energy Demand Forecasting of	Presentation		Algorithms and Applications		
	Electrical Vehicles					
1570932225	Distributed On-Line Anomaly Detection Using	Oral	G3	Distributed and Multi-task Learning	Nov. 2	09:00-10:40
	Kernel Methods	Presentation		Algorithms and Applications		
1570926483	CPIPS: Learning to Preserve Perceptual	Oral	G4	Intelligent Visual Data Processing,	Nov. 2	13:30-15:30
	Distances in End-To-End Image Compression	Presentation		Analytics, and Representation		
1570922481	Task-Specific Pruning: Efficient Parameter	Oral	G4	Intelligent Visual Data Processing,	Nov. 2	13:30-15:30
	Reduction in Multi-Task Object Detection	Presentation		Analytics, and Representation		
	Models					
1570926704	From Synthetic to Real: Enhancing Deep	Oral	G4	Intelligent Visual Data Processing,	Nov. 2	13:30-15:30
	Learning Models with Generative Adversarial	Presentation		Analytics, and Representation		
	Networks for Efficient Data Utilization in					
1570927646	Automatic Retail Stores Sparse Tensor-Based Point Cloud Attribute	Oral	G4	Intelligent Visual Data Processing,	Nov. 2	13:30-15:30
1370327040	Compression Using Augmented Normalizing	Presentation	04	Analytics, and Representation	NOV. Z	13.30-13.30
	Flows	Fresentation		Analytics, and Representation		
1570927238	Virtual Garment Fitting Through Parsing and	Oral	G4	Intelligent Visual Data Processing,	Nov. 2	13:30-15:30
	Context-Aware Generative Adversarial	Presentation		Analytics, and Representation		
	Networks with Discriminator Group	. resemuation		I mary tiss, and representation		
1570926120	Transformer-Based Image Compression with	Oral	G4	Intelligent Visual Data Processing,	Nov. 2	13:30-15:30
	Variable Image Quality Objectives	Presentation		Analytics, and Representation		
1570922467	Deepfake-Speech Detection with Pathological	Oral	G5	Recent Advances in Intelligent Signal	Nov. 3	09:00-10:40
	Features and Multilayer Perceptron Neural	Presentation		Processing		
	Network					
1570926217	Reduction of Annotation Effort in Medical	Oral	G5	Recent Advances in Intelligent Signal	Nov. 3	09:00-10:40
	Image Analysis Based on Self-Supervised	Presentation		Processing		
	Learning					
1570920664	Temporal and Type Correlation in Digital	Oral	G5	Recent Advances in Intelligent Signal	Nov. 3	09:00-10:40
	Phenotyping for Bipolar Disorder State	Presentation		Processing		
	Prediction Using Multitask Self-Supervised					
1570020666	Learning Data Selection Based on Phoneme Affinity	Oral	G5	Decent Advances in Intelligent Signal	Nov. 3	00:00 10:40
1570920666	-		do	Recent Advances in Intelligent Signal	NOV. 3	09:00-10:40
1570928765	Matrix for Electrolarynx Speech Recognition STUA-Net: A Fingerprint Reconstruction with	Presentation Oral	G5	Processing Recent Advances in Intelligent Signal	Nov. 3	09:00-10:40
13/0320/03	Swin Transformer and Soft Collective Attention	Presentation	33	Processing	INUV. 3	05.00-10.40
1570921513	Machine Learning Based Action Recognition	Oral	H1	Advanced Information Processing	Nov. 1	10:20-12:00
10.0021010	with Modular CNN	Presentation		Technologies for Human and World		20.20 12.00
1570927043	Utilizing Unlabeled Data and Synthetic Data for	Oral	H1	Advanced Information Processing	Nov. 1	10:20-12:00
	Bird Sound Detection: Consistency Training,	Presentation		Technologies for Human and World		
	Mean Teacher, and Domain Adaptation	1.1.2.1.				
	Techniques		<u>L</u>			
1570926086	Deep-Learning-Based Lattice Reduction	Oral	H1	Advanced Information Processing	Nov. 1	10:20-12:00
	Preprocessing for Time-Correlated MIMO	Presentation		Technologies for Human and World		
	Systems				_	
1570922676	QoS-Aware Downlink Beamforming for Joint	Oral	H1	Advanced Information Processing	Nov. 1	10:20-12:00
	Transmission in Multi-Cell Networks	Presentation	<u> </u>	Technologies for Human and World		

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Paper No.	Title	Presentation Type	Session Number	Session Name	Session Date	Session Time
1570921690	Real-Time Processing for Weighted Pulse	Oral	H1	Advanced Information Processing	Nov. 1	10:20-12:00
1370321030	Decomposition of Photoplethysmography	Presentation		Technologies for Human and World	1101.1	10.20 12.00
	Signals Based on Interior Point Method in	resemunon		Teermologies for Human and World		
	Wearable Devices for Hemodynamic State					
1570927227	Class-Wise Self-Paced Self-Training for Semi-	Oral	H2	Advanced Learning-based Computer	Nov. 1	15:00-17:00
	Supervised Image Classification	Presentation		Vision Technologies		
1570922371	Efficient Constraint-Aware Neural Architecture	Oral	H2	Advanced Learning-based Computer	Nov. 1	15:00-17:00
	Search for Object Detection	Presentation	=	Vision Technologies		
1570926708	A Reliable Feature-Based Framework for Vehicle		H2	Advanced Learning-based Computer	Nov. 1	15:00-17:00
10,0010,00	Tracking in Advanced Driver Assistance Systems	Presentation		Vision Technologies		20.00 27.00
	Tracking in reasonable by seems	. resemuation		Tislem realmenegies		
1570922302	GNN-Based Small-Data Learning with Area-	Oral	H2	Advanced Learning-based Computer	Nov. 1	15:00-17:00
	Control Mechanism for Hyperspectral Satellite	Presentation		Vision Technologies		
	Change Detection					
1570928962	CapFormer: A Space-Time Video Description	Oral	H2	Advanced Learning-based Computer	Nov. 1	15:00-17:00
	Model Using Joint-Attention Transformer	Presentation		Vision Technologies		
1570927114	Light-Weight Zero-Reference-Based Image	Oral	H2	Advanced Learning-based Computer	Nov. 1	15:00-17:00
	Enhancement for Low-Light Images	Presentation		Vision Technologies		
1570925544	Multichannel Learning-Based Spatially Extended		Н3	Recent Advances on Signal and	Nov. 2	09:00-10:40
	Active Noise Control via Model Matching and	Presentation		Information Processing for Active		
	Sensor Transfer Function Interpolation	rescritation		Control of Sound		
1570926380	A Study of the Microphone Protection of Active	Oral	Н3	Recent Advances on Signal and	Nov. 2	09:00-10:40
1370320300	Noise Control for Axial Fan	Presentation	113	Information Processing for Active	1101.2	03.00 10.10
	Noise control of Axial Lan	rescritation		Control of Sound		
1570921634	Radiated Sound Field Reproduction for	Oral	Н3	Recent Advances on Signal and	Nov. 2	09:00-10:40
1370321034	Surrounding Loudspeaker Array Based on	Presentation	113	Information Processing for Active	1404. 2	05.00 10.40
	Higher-Order Ambisonics	resentation		Control of Sound		
1570930649	Practical Active Noise Control: Restriction of	Oral	H3	Recent Advances on Signal and	Nov. 2	09:00-10:40
1370330043	Maximum Output Power	Presentation	113	Information Processing for Active	NOV. Z	05.00-10.40
	Maximum Output Fower	riesentation		Control of Sound		
1570926964	SFANC with Compensation Filter Based on	Oral	Н3	Recent Advances on Signal and	Nov. 2	09:00-10:40
1370920904	·		пэ	•	NOV. Z	09.00-10.40
	MEFxDCTLMS Algorithm	Presentation		Information Processing for Active		
1570020206	Out-Of-Vocabulary Word Detection in Spoken	Oral	114	Control of Sound	Nov. 2	12.20 15.20
1570920286	•	Oral	H4	SLA-VI: Speech Recognition	Nov. 2	13:30-15:30
	Dialogues Based on Joint Decoding with User	Presentation				
1570927187	Response Patterns Streaming End-To-End ASR Using CTC Decoder	Oral	114	CLA VII. Speech Decognition	Nov. 2	13:30-15:30
15/092/18/			H4	SLA-VI: Speech Recognition	Nov. 2	13:30-15:30
1570922193	and DRA for Linguistic Information Substitution Synthetic Data Augmentation for ASR with	Presentation Oral	114	SLA-VI: Speech Recognition	Nov. 2	12.20 15.20
15/0922193			H4	SLA-VI: Speech Recognition	Nov. 2	13:30-15:30
1570026765	Domain Filtering	Presentation	114	CLA VII. Canada Danamitian	Nov. 2	12.20 15.20
1570926765	ASR Model Adaptation for Rare Words Using	Oral	H4	SLA-VI: Speech Recognition	Nov. 2	13:30-15:30
	Synthetic Data Generated by Multiple Text-To-	Presentation				
4570046306	Speech Systems	01	114	CLANG Consols Bosonsition	No. 2	42.20.45.20
1570916306	Toward Leveraging Pre-Trained Self-Supervised	Oral	H4	SLA-VI: Speech Recognition	Nov. 2	13:30-15:30
	Frontends for Automatic Singing Voice	Presentation				
	Understanding Tasks: Three Case Studies					
1570926519	Multi-Self-Supervised Learning Model-Based	Oral	H4	SLA-VI: Speech Recognition	Nov. 2	13:30-15:30
4570007	Throat Microphone Speech Recognition	Presentation				00.00:-
1570927093	Automatic Call Classification of Autism Model	Oral	H5	Advanced Topics for Automatic	Nov. 3	09:00-10:40
	Marmosets by Deep Learning and Analysis of	Presentation		Speaker Recognition		
	Their Vocal Development					
1570922250	Coarse-Age Loss: A New Training Method Using	Oral	H5	Advanced Topics for Automatic	Nov. 3	09:00-10:40
	Coarse-Age Labeled Data for Speaker Age	Presentation		Speaker Recognition		
	Estimation		1			
1570925513	Contribution of Modulation Spectral Features	Oral	H5	Advanced Topics for Automatic	Nov. 3	09:00-10:40
	for Cross-Lingual Speech Emotion Recognition	Presentation		Speaker Recognition		
	Under Noisy Reverberant Conditions		ļ			
1570927002	Vocal Tract Length Perturbation-Based Pseudo-	Oral	H5	Advanced Topics for Automatic	Nov. 3	09:00-10:40
	Speaker Augmentation for Speaker Embedding	Presentation		Speaker Recognition		
	Learning					
1570927232	Cross-Domain Adaptation in Distance Space for	Oral	H5	Advanced Topics for Automatic	Nov. 3	09:00-10:40
	Speaker Verification	Presentation		Speaker Recognition		
1570942973	Comparison of MPPT Based on Deep	Oral	I1	Selected Papers from APSIPA	Nov. 1	10:20-12:00
	Reinforcement Learning by DQN, DDPG and TD3	Presentation		Workshop in Bandung, Indonesia (I)		
	A Comparative Evaluation of Video Codecs for	Oral	I1	Selected Papers from APSIPA	Nov. 1	10:20-12:00
1570942861		I	1	Workshop in Bandung, Indonesia (I)		
1570942861	rPPG-Based Heart Rate Estimation	Presentation				
1570942861 1570942882	rPPG-Based Heart Rate Estimation Human Activity Recognition Based on FMCW	Presentation Oral	I1	Selected Papers from APSIPA	Nov. 1	10:20-12:00
	Human Activity Recognition Based on FMCW	Oral	I1	Selected Papers from APSIPA	Nov. 1	10:20-12:00
		Oral Presentation	I1 I1		Nov. 1	10:20-12:00 10:20-12:00

		Presentation	Session	Session	Session	
Paper No.	Title	Туре	Number	Name	Date	Session Tim
1570942983	Signal Quality Assessment Algorithm for HR and	Oral	III	Selected Papers from APSIPA	Nov. 1	10:20-12:0
13703 12303	HRV Estimation from Wearable-Based	Presentation		Workshop in Bandung, Indonesia (I)	1101.1	10.20 12.0
	Multichannel PPG Signals	rescritation		Workshop in Bandang, indonesia (i)		
1570924219	Marine Snow Removal Benchmarking Dataset	Oral	12	Physics-Inspired Image Restoration	Nov. 1	15:00-17:0
1370324213	Warme show Kemovar Benefilmarking Bataset	Presentation	12	and Enhancement	1404. 1	13.00 17.0
1570922540	Local Contrast Enhancement with Multi-Scale	Oral	12	Physics-Inspired Image Restoration	Nov. 1	15:00-17:0
1370922340			12		NOV. 1	15.00-17.0
1570927409	Filtering	Presentation	12	and Enhancement	No. 1	15.00 17.0
15/092/409	Shot-Noise-Aware Image Signal Restoration for	Oral	12	Physics-Inspired Image Restoration	Nov. 1	15:00-17:0
4570004674	Photoelectronic Charge-Based Sensors	Presentation	- 10	and Enhancement		15.00.17.0
1570924674	Cross-Frame Foreground Structural Similarity	Oral	12	Physics-Inspired Image Restoration	Nov. 1	15:00-17:0
	Modeling by Convolutional Sparse	Presentation		and Enhancement		
	Representation					
1570926687	JPEG Artifact Removal for Hyperspectral Images	Oral	12	Physics-Inspired Image Restoration	Nov. 1	15:00-17:0
	Based on Spatial-Spectral Regularization	Presentation		and Enhancement		
1570927261	Data Driven Multiband Image Fusion That	Oral	12	Physics-Inspired Image Restoration	Nov. 1	15:00-17:0
	Preserves Wavelength-Specific Image Features	Presentation		and Enhancement		
1570943011	Sparsity Exploration for Structured and	Oral	13	Selected Papers from APSIPA	Nov. 2	09:00-10:4
	Unstructured Weight Formations in CNN	Presentation		Workshop in Bandung, Indonesia (II)		
	Architecture					
1570942520	A QoS Throughput Performance Measurement	Oral	13	Selected Papers from APSIPA	Nov. 2	09:00-10:4
	Comparison Between UGS and BE Services of a	Presentation		Workshop in Bandung, Indonesia (II)		
	Real-Time FPGA Based OFDM Multi-User System					
	Design Implementation					
1570942836	Algorithm Development for Step-Wise Valve	Oral	13	Selected Papers from APSIPA	Nov. 2	09:00-10:4
	Deflation Method in Blood Pressure	Presentation		Workshop in Bandung, Indonesia (II)		
	Measurement	rescritation		Workshop in Bandang, indonesia (ii)		
1570943002	SUMO Based Hardware/Software Co-Simulation	Oral	13	Selected Papers from APSIPA	Nov. 2	09:00-10:4
1370343002	•		13	· ·	NOV. Z	09.00-10.5
	for Two-Intersection Adaptive and Collaborative	Presentation		Workshop in Bandung, Indonesia (II)		
4570026450	Traffic Signal Controller	01	14	No Sanation in Biometric	No. 2	12.20.45.2
1570926458	Privacy-Preserving Image Transformation	Oral	14	New Frontiers in Biometric	Nov. 2	13:30-15:3
	Method for Person Detection and Re-ID	Presentation		Authentication		
1570927079	Development of a Robust Ear Recognition	Oral	14	New Frontiers in Biometric	Nov. 2	13:30-15:3
	Algorithm Using Planar Approximation	Presentation		Authentication		
1570921296	IPFed: Identity Protected Federated Learning for	Oral	14	New Frontiers in Biometric	Nov. 2	13:30-15:3
	User Authentication	Presentation		Authentication		
1570920232	A Biometric Signature Scheme with Template	Oral	14	New Frontiers in Biometric	Nov. 2	13:30-15:3
	Protection and Authenticated Sample	Presentation		Authentication		
	Recoverability					
1570926514	Eye Biometrics Combined with Periocular and	Oral	14	New Frontiers in Biometric	Nov. 2	13:30-15:3
	Iris Recognition Using CNN	Presentation		Authentication		
1570926810	Mask2Hand: Learning to Predict the 3D Hand	Oral	14	New Frontiers in Biometric	Nov. 2	13:30-15:3
	Pose and Shape from Shadow	Presentation		Authentication		
1570917829	Urban Noise Monitoring Using Edge Computing	Oral	15	AI in Earth and Environment	Nov. 3	09:00-10:4
	with CNN-LSTM on Jetson Nano	Presentation				
1570926089	A Framework for Reusing Earth Science Data on	Oral	15	AI in Earth and Environment	Nov. 3	09:00-10:4
	Data and Model Marketplaces	Presentation				
1570926072	Random Forest of Classification and Regression	Oral	15	AI in Earth and Environment	Nov. 3	09:00-10:4
3. 23 203,2	Tree (CART) in the Estimation of SWC Based on	Presentation	1 .5			25.00 10.
	Meteorological Inputs and Hydrodynamics	. resemunon				
	3 , , ,					
1570927098	Behind Impact of the Weighted Loss Function on the	Oral	15	Al in Earth and Environment	Nov. 3	09:00-10:4
1310351038			13	AT IT EAT IT AND ENVIRONMENT	INOV. 3	09.00-10:4
	Innovative CMAQ-CNN PM2.5 Forecasting	Presentation				
1570027777	Model	Ovel	14	Calasted Daney Serve Apples	NI 4	10.20.12.1
1570927757	On the Semi-Blind Mutually Referenced	Oral	J1	Selected Papers from APSIPA	Nov. 1	10:20-12:0
.=======	Equalizers for MIMO Systems	Presentation		Workshop in Hanoi, Vietnam (I)		
1570927967	Transformer-Based Deep Learning Detector for	Oral	J1	Selected Papers from APSIPA	Nov. 1	10:20-12:0
	Dual-Mode Index Modulation 3D-OFDM	Presentation	1	Workshop in Hanoi, Vietnam (I)		
1570926870	After-Fatigue Condition: A Novel Analysis Based	Oral	J1	Selected Papers from APSIPA	Nov. 1	10:20-12:0
	on Surface EMG Signals	Presentation		Workshop in Hanoi, Vietnam (I)		
	GAFormer: Wearable IMU-Based Human	Oral	J1	Selected Papers from APSIPA	Nov. 1 10:20	10:20-12:0
1570928068	Activity Recognition with Gramian Angular Field	Presentation		Workshop in Hanoi, Vietnam (I)		
1570928068	Activity Recognition with Granian Angular Field	I			<u> </u>	
1570928068	and Transformer			Selected Papers from APSIPA	Nov. 1	10:20-12:0
		Oral	J1		1101. 1	
	and Transformer Accurate Continuous Action and Gesture		J1	*	1101.1	
	and Transformer Accurate Continuous Action and Gesture Recognition Method Based on Skeleton and	Oral Presentation	J1	Workshop in Hanoi, Vietnam (I)	1101.1	
1570927863	and Transformer Accurate Continuous Action and Gesture Recognition Method Based on Skeleton and Sliding Windows Techniques	Presentation		Workshop in Hanoi, Vietnam (I)		15·∩∩-17· ∩
	and Transformer Accurate Continuous Action and Gesture Recognition Method Based on Skeleton and Sliding Windows Techniques Generative Adversarial Network-Based Frame	Presentation Oral	J1 J2	Workshop in Hanoi, Vietnam (I) IVM-2: Multimedia Generation and	Nov. 1	15:00-17:0
1570927863	and Transformer Accurate Continuous Action and Gesture Recognition Method Based on Skeleton and Sliding Windows Techniques Generative Adversarial Network-Based Frame Interpolation with Multi-Perspective	Presentation		Workshop in Hanoi, Vietnam (I)		15:00-17:0
1570927863 1570917733	and Transformer Accurate Continuous Action and Gesture Recognition Method Based on Skeleton and Sliding Windows Techniques Generative Adversarial Network-Based Frame Interpolation with Multi-Perspective Discrimination	Presentation Oral Presentation	J2	Workshop in Hanoi, Vietnam (I) IVM-2: Multimedia Generation and Synthesis	Nov. 1	
1570927863	and Transformer Accurate Continuous Action and Gesture Recognition Method Based on Skeleton and Sliding Windows Techniques Generative Adversarial Network-Based Frame Interpolation with Multi-Perspective	Presentation Oral		Workshop in Hanoi, Vietnam (I) IVM-2: Multimedia Generation and		15:00-17:0

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Paper No.	Title	Presentation Type	Session Number	Session Name	Session Date	Session Time
1570928912	ELEGANT: End-To-End Language Grounded	Oral	J2	IVM-2: Multimedia Generation and	Nov. 1	15:00-17:00
	Speech Denoiser for Efficient Generation of Talking Face	Presentation		Synthesis		
1570926199	High-Quality Font Generation Based on StyleGAN2 and FSFont Font Generation Model	Oral Presentation	J2	IVM-2: Multimedia Generation and Synthesis	Nov. 1	15:00-17:00
1570925404	LSR++: An Efficient and Tiny Model for Image Super-Resolution	Oral Presentation	J2	IVM-2: Multimedia Generation and Synthesis	Nov. 1	15:00-17:00
1570922518	ArtHDR-Net: Perceptually Realistic and Accurate	Oral	J2	IVM-2: Multimedia Generation and	Nov. 1	15:00-17:00
	HDR Content Creation	Presentation		Synthesis		
1570933158	A Combination of Time and Frequency	Oral	J3	Selected Papers from APSIPA	Nov. 2	09:00-10:40
	Synchronization with Doppler Compensation in Coded OFDM-Based UWA Systems	Presentation		Workshop in Hanoi, Vietnam (II)		
1570928253	Imaging Ultrasound Scattering Targets Using	Oral	J3	Selected Papers from APSIPA	Nov. 2	09:00-10:40
	Density-Enhanced Chaotic Compressive Sampling	Presentation		Workshop in Hanoi, Vietnam (II)		
1570928854	Investigating the Role of Human Action Detector	Oral	J3	Selected Papers from APSIPA	Nov. 2	09:00-10:40
	in Visual-Guide Audio Source Separation System	Presentation		Workshop in Hanoi, Vietnam (II)		
1570928502	Segmentation and Observation of Hand	Oral	J3	Selected Papers from APSIPA	Nov. 2	09:00-10:40
	Rehabilitation Exercises by Supporting of Acceleration Signals	Presentation		Workshop in Hanoi, Vietnam (II)		
1570928123	1M Parameters are Enough? A Lightweight CNN-	Oral	J3	Selected Papers from APSIPA	Nov. 2	09:00-10:40
	Based Model for Medical Image Segmentation	Presentation		Workshop in Hanoi, Vietnam (II)		
1570922337	Fatigue Classification and Onset Estimation	Poster	P1	Poster Session I	Nov. 1	10:20-12:00
	Using Surface EMG Signals During Strength Training	Presentation				
1570922486	P300 Event-Related Potential in Perception of	Poster	P1	Poster Session I	Nov. 1	10:20-12:00
	Multiple Traffic Objects During Vehicle Driving	Presentation			 	
1570939251	Detecting Wire Bonding Defects in Point Clouds	Poster	P1	Poster Session I	Nov. 1	10:20-12:00
	on Self-Generated Dataset	Presentation				
1570922308	Soft-Sensor Construction Method Based on	Poster	P1	Poster Session I	Nov. 1	10:20-12:00
	Adaptive Modeling and Transfer Learning for Manufacturing Process Including Maintenance Periods	Presentation				
1570927180	Learning Adapters for Code-Switching Speech Recognition	Poster Presentation	P1	Poster Session I	Nov. 1	10:20-12:00
1570918278	Kernel Random Projection Depth for Outlier Detection	Poster Presentation	P1	Poster Session I	Nov. 1	10:20-12:00
1570922599	Predicting Outcomes of Cognitive Behavioral	Poster	P1	Poster Session I	Nov. 1	10:20-12:00
	Therapy for Depression Using Data Driven Approaches	Presentation				
1570921777	Improving Aspect Sentiment Classification via	Poster	P1	Poster Session I	Nov. 1	10:20-12:00
	Retrieving from Training Data	Presentation			 	
1570926876	Deformable Aligned Fusion for Video Super Resolution	Poster Presentation	P1	Poster Session I	Nov. 1	10:20-12:00
1570922358	FID-RPRGAN-VC: Fréchet Inception Distance	Poster	P1	Poster Session I	Nov. 1	10:20-12:00
	Loss Based Region-Wise Position Normalized Relativistic GAN for Non-Parallel Voice	Presentation				
1570020445	Conversion A Computational Efficient Direct Position	Dantas	D1	Danton Cassian I	No. 1	10.20 12.00
1570920445	Determination Approach of Narrow-Band	Poster Presentation	P1	Poster Session I	Nov. 1	10:20-12:00
1570920971	Emitter Modeling and Analysis of the Epidemic-Behavior	Poster	P1	Pastar Sassian I	Nov. 1	10:20-12:00
12/03/03/1	1		L1	Poster Session I	Nov. 1	10:20-12:00
1570927103	Co-Evolution Dynamics with User Irrationality On Uncertainty Principles for Lowband Graph	Presentation Poster	P1	Poster Session I	Nov 1	10:20-12:00
	Signals	Presentation			Nov. 1	
1570922381	Noise-Robust Pitch Detection Based on Super- Resolution Harmonics	Poster Presentation	P1	Poster Session I	Nov. 1	10:20-12:00
1570921419	A Subband Approach to Personal Sound Zone	Poster	P1	Poster Session I	Nov. 1	10:20-12:00
	with Joint Optimization of Sound Pressure and Particle Velocity	Presentation				
1570922494	An Multi-Evidence Fusion Based on C-Distance	Poster	P1	Poster Session I	Nov. 1	10:20-12:00
-:-5 15 1	with Uncertain Reasoning for Classification	Presentation				
1570020002	CoA-DLinkNet: Connectivity-Enhanced Dual-	Poster	P1	Poster Session I	Nov. 1	10:20-12:00
1570928993	Branch Road Extraction Network Based on D-	iPresentation				
1570928993	Branch Road Extraction Network Based on D- LinkNet A Transformer-Based Framework for Tiny Object	Presentation	P1	Poster Session I		10:20-12:00

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Paper No.	Title	Presentation Type	Session Number	Session Name	Session Date	Session Time
1570927977	Lightweight Models Distillation with Learnable	Poster	P1	Poster Session I	Nov. 1	10:20-12:00
	Teaching Material: An Application for Smart	Presentation				
	Table Tennis System					
1570926132	High-Quality Triggers Based Fragile	Poster	P1	Poster Session I	Nov. 1	10:20-12:00
	Watermarking for Optical Character Recognition Model	Presentation				
1570926882	Black-Box Lossless Fragile Watermarking Based	Poster	P1	Poster Session I	Nov. 1	10:20-12:00
1370320002	on Hidden Space Search for DNN Integrity	Presentation				10.20 12.00
	Authentication					
1570927112	A Visually Meaningful Image Encryption	Poster	P1	Poster Session I	Nov. 1	10:20-12:00
	Algorithm with Attention Mechanism and	Presentation				
	Artificial Bee Colony Optimization		—			
1570927116	Hiding Patient Information in Medical Images: A		P1	Poster Session I	Nov. 1	10:20-12:00
	High-Capacity and Reversible Hiding Algorithm for E-Healthcare	Presentation				
1570927228	Selecting Suitable Data Input for Deep-Learning	Poster	P1	Poster Session I	Nov. 1	10:20-12:00
1370327220	Sign-Language Recognition with a Small Dataset		'-	l oster session i	1404. 1	10.20 12.00
1570925053	Analysis of the Interaction Effect on Pruning and	Poster	P1	Poster Session I	Nov. 1	10:20-12:00
	Transfer Learning in Model Training	Presentation				
1570925063	Old Damaged Photo Recovery with Style	Poster	P1	Poster Session I	Nov. 1	10:20-12:00
	Transfer-Based Data Augmentation	Presentation				
1570922573	Coupled Transformed Induced Tensor Nuclear	Poster	P1	Poster Session I	Nov. 1	10:20-12:00
4570033565	Norm for Robust Tensor Completion	Presentation	D4	Dantas Caraina I	No. 4	10.20.12.00
1570922565	Multi-Frequency Feature Enhancement for Multi-Granularity Visual Classification	Poster	P1	Poster Session I	Nov. 1	10:20-12:00
1570926822	A Deep Learning Based Sustainable Energy	Presentation Poster	P1	Poster Session I	Nov. 1	10:20-12:00
1370320022	Scheduling System	Presentation	'-	l oster session i	1404. 1	10.20 12.00
1570927379	Segmentation Enhancement for Iris Recognition	Poster	P2	Poster Session II	Nov. 1	15:00-17:00
	Using Unit Gradient Vectors	Presentation				
1570922743	Poisoning Attacks Against Gait-Based Identity	Poster	P2	Poster Session II	Nov. 1	15:00-17:00
	Recognition	Presentation				
1570922457	STrack: Velocity Estimation Using Single	Poster	P2	Poster Session II	Nov. 1	15:00-17:00
1570006050	Antenna WiFi Devices	Presentation				15.00.17.00
1570926953	FactLLaMA: Optimizing Instruction-Following	Poster	P2	Poster Session II	Nov. 1	15:00-17:00
	Language Models with External Knowledge for Automated Fact-Checking	Presentation				
1570920674	Auditory Representation Effective for	Poster	P2	Poster Session II	Nov. 1	15:00-17:00
20,03200,	Estimating Vocal Tract Information	Presentation	'-	l ester session ii		13.00 17.00
1570927122	Fundamental Frequency Estimation Based on	Poster	P2	Poster Session II	Nov. 1	15:00-17:00
	Finite-Order Harmonic Constraint Differential	Presentation				
	Equation					
1570915674	Learning Semantic Information from Machine	Poster	P2	Poster Session II	Nov. 1	15:00-17:00
	Translation to Improve Speech-To-Text	Presentation				
4570022555	Translation	D		Dantas Casalas II	No. 4	45.00.47.00
1570922555	Few Shot Learning Guided by Emotion Distance for Cross-Corpus Speech Emotion Recognition	Poster Presentation	P2	Poster Session II	Nov. 1	15:00-17:00
1570926885	Complex Feature Information Enhanced Speech	Poster	P2	Poster Session II	Nov. 1	15:00-17:00
1370320003	Emotion Recognition	Presentation	'-	l oster session ii	1101.1	13.00 17.00
1570921424	Incorporating Pinyin into Pipeline Named Entity	Poster	P2	Poster Session II	Nov. 1	15:00-17:00
	Recognition from Chinese Speech	Presentation				
1570919540	Single Source Zone Detection in the Spherical	Poster	P2	Poster Session II	Nov. 1	15:00-17:00
	Harmonic Domain for Multisource Localization	Presentation				
1570927297	Effective Fine-Tuning Method for Tibetan Low-	Poster	P2	Poster Session II	Nov. 1	15:00-17:00
1570025722	Resource Dialect Speech Recognition	Presentation	D2	Doctor Cossiss II	Nie d	15.00 47.00
1570925733	Multi-Task Piano Transcription with Local Relative Time Attention	Poster Presentation	P2	Poster Session II	Nov. 1	15:00-17:00
1570927171	Learning to Enhance the Position Embedding	Poster	P2	Poster Session II	Nov. 1	15:00-17:00
	and Coherence	Presentation	'-		1,50, 1	13.00 17.00
1570924909	Investigation of Ensemble of Self-Supervised	Poster	P2	Poster Session II	Nov. 1	15:00-17:00
	Models for Speech Emotion Recognition	Presentation				
1570919380	Real and Imaginary Part Interaction Network for	Poster	P2	Poster Session II	Nov. 1	15:00-17:00
	Monaural Speech Enhancement and De-	Presentation				
.=====	Reverberation					
1570926496	SEformer: Dual-Path Conformer Neural Network		P2	Poster Session II	Nov. 1	15:00-17:00
1570926314	is a Good Speech Denoiser Tone Labeling by Deep Learning-Based Tone	Presentation	רח	Postor Sossian II	Nov. 1	15.00 17.00
13/03/0314	Recognizer for Mandarin Speech	Poster Presentation	P2	Poster Session II	Nov. 1	15:00-17:00
1570926719	Robust Representation Learning for Speech	Poster	P2	Poster Session II	Nov. 1	15:00-17:00
	Emotion Recognition with Moment Exchange	Presentation			13.1.2	27.00
1570927178	Progressive Multi-Scale Self-Supervised Learning		P2	Poster Session II	Nov. 1	15:00-17:00
		i .	•	Î.	1	

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Paper No.	Title	Presentation	Session	Session	Session	Session Time
•		Туре	Number	Name	Date	
1570927184	Improved Data2vec with Soft Supervised Hidden		P2	Poster Session II	Nov. 1	15:00-17:00
1570926154	Unit for Mandarin Speech Recognition The Color Demosaicing and Image Scaling Based	Presentation Poster	P2	Poster Session II	Nov. 1	15:00-17:00
1370320131	on Improve Hamilton-Adams	Presentation		l oster session ii	1101.1	13.00 17.00
1570926904	The Development of an Al-Assisted Diagnosis	Poster	P2	Poster Session II	Nov. 1	15:00-17:00
	System for Adult Glioma Subtyping Prediction	Presentation				
1570927394	Improving Regularization of Deep Learning	Poster	P2	Poster Session II	Nov. 1	15:00-17:00
	Models in Fundus Analysis	Presentation				
1570926198	VLSI Design of Lossless Image Compression	Poster	P2	Poster Session II	Nov. 1	15:00-17:00
1570927196	Using Improved LZW Dental Positioning Medical Assistance System	Presentation Poster	P2	Poster Session II	Nov. 1	15:00-17:00
15/092/190	for BiteWing Radiograph Based on YOLOV4 and	Presentation	PZ	Poster Session II	NOV. 1	13.00-17.00
	Image Enhancement	resentation				
1570926670	Design of Interactive System for Acupoint	Poster	P2	Poster Session II	Nov. 1	15:00-17:00
	Analysis Based on Augmented Reality	Presentation				
1570922719	Anomaly Detection of Rolling Element Bearings	Poster	P2	Poster Session II	Nov. 1	15:00-17:00
	Using Domain Adaptation	Presentation				
1570922324	Asynchronous Federated Learning Method in	Poster	P2	Poster Session II	Nov. 1	15:00-17:00
	the 6G Massive Multimedia Transmission	Presentation				
1570927322	System Heart Rate Acquisition and Processing	Poster	P3	Poster Session III	Nov. 2	09:00-10:40
13/092/322	Techniques for a Miniature Wearable	Presentation	F 3	Foster Session III	NOV. Z	09.00-10.40
	Microphone Sensor	resentation				
1570926971	Assessing the Effects of Filtering Processing on	Poster	P3	Poster Session III	Nov. 2	09:00-10:40
	Pulse Wave Transit Time Measured by	Presentation				
	Photoplethysmography from Earlobe					
1570926838	ecVoice: Audio Text Extraction Optimization of	Poster	Р3	Poster Session III	Nov. 2	09:00-10:40
157000000	Video Based on Idioms Similarity Replacement	Presentation		D		22 22 12 12
1570922285	Compressive Sensing Based Algorithms for	Poster	P3	Poster Session III	Nov. 2	09:00-10:40
1570927319	Limitied-View PAT Image Reconstruction Towards AST-LLDs for the Analysis of	Presentation Poster	P3	Poster Session III	Nov. 2	09:00-10:40
1370327313	Depression in Speech Signals	Presentation		l oster session in	1101.2	03.00 10.10
1570946901	Causal Analysis of Hepatic Fat Accumulation by	Poster	P3	Poster Session III	Nov. 2	09:00-10:40
	Linear Mixed Causal Model	Presentation				
1570949755	Remarks on an Optimal Predictive Control Using	Poster	Р3	Poster Session III	Nov. 2	09:00-10:40
	a Quaternion Neural Network and a	Presentation				
4570027062	Metaheuristics Optimisation Method	D. ot o	P.2	Dantas Casairas III	N2	00.00.40.40
1570927062	A Study on Counter-Movement Detection on	Poster	P3	Poster Session III	Nov. 2	09:00-10:40
1570924987	Dumbbell Curl Using Convolutional Gender-Specific EEG Feature-Based Diagnostic	Presentation Poster	P3	Poster Session III	Nov. 2	09:00-10:40
1370321307	Tool for Male Depression Based on Machine-	Presentation		l oster session in	1101.2	03.00 10.10
	Learning Techniques					
1570926544	Investigation of the Neuromodulation Effect of	Poster	Р3	Poster Session III	Nov. 2	09:00-10:40
	tVNS on Electrical Brain Activity	Presentation				
1570926850	Optimal Input Data Search of Deep Learning	Poster	P3	Poster Session III	Nov. 2	09:00-10:40
	Model for Cognitive Task Classification Based on	Presentation				
1570922230	NIRS Safety Enhancement for Mobility Scooter with	Poster	P3	Poster Session III	Nov. 2	09:00-10:40
1370922230	Rule-Based Danger Prevention	Presentation	F 3	Foster Session III	NOV. Z	03.00-10.40
1570921499	Detection and Correction of Defective Relative	Poster	P3	Poster Session III	Nov. 2	09:00-10:40
	Humidity Data Collected from the Greenhouse	Presentation				
	Environment Using Nested Kalman Filters with					
	Standard Deviation Analysis					
1570926979	Pedestrian Crossing Intention Prediction with	Poster	Р3	Poster Session III	Nov. 2	09:00-10:40
1570027254	Multi-Modal Transformer-Based Model	Presentation Poster	מח	Parter Session III	Nov. 3	00.00 10.40
1570927254	Revolutionizing Formative Assessment in STEM Fields: Leveraging AI and NLP Techniques	Poster Presentation	P3	Poster Session III	Nov. 2	09:00-10:40
1570920753	A Biased Mixed-Precision Convolution Engine	Poster	P3	Poster Session III	Nov. 2	09:00-10:40
	for Hardware-Efficient Computational Imaging	Presentation			- · · · -	
	CNN					
1570920471	Efficient Incremental Text-To-Speech on GPUs	Poster	Р3	Poster Session III	Nov. 2	09:00-10:40
		Presentation				
1570927023	Efficient Dictionary and Grid-Based Framework	Poster	P3	Poster Session III	Nov. 2	09:00-10:40
	for Answering Durable k-Nearest Neighbor	Presentation				
1570927147	Queries on Time Series Data Dual-Path Residual Attention Convolution	Poster	P3	Poster Session III	Nov. 2	09:00-10:40
13,032/14/	Networks for Color-Embedded-Grayscale Image	Presentation	'3	i oster ocosion iii	1404. 2	05.00-10.40
1570922438	DOC: A Novel DOuble-Contour-Based Macro	Poster	P3	Poster Session III	Nov. 2	09:00-10:40
	Placement Framework for Mixed-Size Designs	Presentation				
1570926505	Hindering Adversarial Attacks with Multiple	Poster	Р3	Poster Session III	Nov. 2	09:00-10:40
	Encrypted Patch Embeddings	Presentation	<u> </u>			

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Paper No.	Title	Presentation Type	Session Number	Session Name	Session Date	Session Time
1570927197	Retinex-Based Low-Light Image Enhancement	Poster	P3	Poster Session III	Nov. 2	09:00-10:40
1570922445	Al-Generated Image Detection Using a Cross-	Presentation Poster	P3	Poster Session III	Nov. 2	09:00-10:40
1570922352	Attention Enhanced Dual-Stream Network Fine-Grained Face Anti-Spoofing Based on	Presentation Poster	P3	Poster Session III	Nov. 2	09:00-10:40
1570922515	Recursive Self-Attention and Multi-Scale Fusion Robust Watermark Imaging via Graph-Signal	Presentation Poster	P3	Poster Session III	Nov. 2	09:00-10:40
1570926452	Optimization A Print-Scan-Resilient Watermarking Scheme for		P3	Poster Session III	Nov. 2	09:00-10:40
1570927165	Trademark Images StyleStegan: Leak-Free Style Transfer Based on	Presentation Poster	P3	Poster Session III	Nov. 2	09:00-10:40
1570926493	Feature Steganography Implementation of PLIM on 429MHz LoRa/FSK	Presentation Poster	Р3	Poster Session III	Nov. 2	09:00-10:40
1570926840	with Improved Conversion Table Numerical Performance Evaluation of \(\ell_1-	Presentation Poster	P3	Poster Session III	Nov. 2	09:00-10:40
	\ell_2\) Sparse Reconstruction Using Optical Analog Circuit	Presentation				
1570925915	Analysis of Spectro-Temporal Modulation Representation for Deep-Fake Speech Detection	Poster Presentation	P4	Poster Session IV	Nov. 2	13:30-15:30
1570927027	Efficient Reversible Data Hiding for 3D Mesh Models Based on Multi-LSB Substitution and	Poster Presentation	P4	Poster Session IV	Nov. 2	13:30-15:30
1570927172	Ring-Prediction MAEDefense: An Effective Masked AutoEncoder		P4	Poster Session IV	Nov. 2	13:30-15:30
1570922465	Defense Against Adversarial Attacks Improved One-Class Learning for Voice Spoofing		P4	Poster Session IV	Nov. 2	13:30-15:30
1570926158	Detection Word Encoding for Word-Looking DGA-Based	Presentation Poster	P4	Poster Session IV	Nov. 2	13:30-15:30
1570915123	Botnet Classification Preemptive Image Protection Against	Presentation Poster	P4	Poster Session IV	Nov. 2	13:30-15:30
1570926726	Steganography Enhancing Whisper Model for Pronunciation	Presentation Poster	P4	Poster Session IV	Nov. 2	13:30-15:30
1570927176	Assessment with Multi-Adapters Classification of Vocal Cord Disorders: Comparison Across Voice Datasets, Speech	Presentation Poster Presentation	P4	Poster Session IV	Nov. 2	13:30-15:30
1570922238	Tasks, and Machine Learning Methods Zero-Shot Multi-Speaker Accent TTS with	Poster	P4	Poster Session IV	Nov. 2	13:30-15:30
1570921967	Limited Accent Data Flexible Evidence Model to Reduce Uncertainty Mismatch Between Speech Enhancement and	Presentation Poster Presentation	P4	Poster Session IV	Nov. 2	13:30-15:30
1570926911	ASR Based on Encoder-Decoder Architecture Investigating the Effectiveness of Speaker	Poster	P4	Poster Session IV	Nov. 2	13:30-15:30
1570926190	Embeddings for Shout Intensity Prediction Target Speaker Extraction with Attention	Presentation Poster	P4	Poster Session IV	Nov. 2	13:30-15:30
1570921329	Enhancement and Gated Fusion Mechanism Hybrid Multi-Task Learning for End-To-End	Presentation Poster	P4	Poster Session IV	Nov. 2	13:30-15:30
1570920562	Multimodal Emotion Recognition Language Modeling for Spontaneous Speech	Presentation Poster	P4	Poster Session IV	Nov. 2	13:30-15:30
	Recognition Based on Disfluency Labeling and Generation of Disfluent Text	Presentation				
1570926711	An Analysis of Personalized Speech Recognition System Development for the Deaf and Hard-Of- Hearing	Poster Presentation	P4	Poster Session IV	Nov. 2	13:30-15:30
1570921033	Speech Enhancement with Multi-Granularity Vector Quantization	Poster Presentation	P4	Poster Session IV	Nov. 2	13:30-15:30
1570926181	A Comparative Study on Multichannel Speaker- Attributed Automatic Speech Recognition in Multi-Party Meetings	Poster Presentation	P4	Poster Session IV	Nov. 2	13:30-15:30
1570926697	DoA Estimation of Speech Reflections in Rooms Using NN-Based MUSIC Algorithm	Poster Presentation	P4	Poster Session IV	Nov. 2	13:30-15:30
1570927014	Sound Field Estimation Around a Rigid Sphere with Physics-Informed Neural Network	Poster Presentation	P4	Poster Session IV	Nov. 2	13:30-15:30
1570922195	A Controlled Noise Reduction Wiener Filter	Poster	P4	Poster Session IV	Nov. 2	13:30-15:30
1570922664	Based on the Quadratic Eigenvalue Problem Is the Ideal Ratio Mask Really the Best? Exploring the Best Extraction Performance and	Presentation Poster Presentation	P4	Poster Session IV	Nov. 2	13:30-15:30
1570920435	Optimal Mask of Mask-Based Beamformers Hybrid Syllable and Character Representations	Poster	P4	Poster Session IV	Nov. 2	13:30-15:30

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Paper No.	Title	Presentation	Session	Session	Session	Session Time
•	Transformer-Based Automatic Speech	Type Poster	Number P4	Name Poster Session IV	Date Nov. 2	13:30-15:30
1570922499	Recognition of Simultaneous Interpretation with		P4	Poster Session IV	Nov. 2	15:50-15:50
	Auxiliary Input of Source Language Text	rescritation				
1570925745	It's What You Say and How You Say It: Exploring	Poster	P4	Poster Session IV	Nov. 2	13:30-15:30
	Audio and Textual Features for Podcast Data	Presentation				
1570926939	Detecting the Underwater Distance and	Poster	P4	Poster Session IV	Nov. 2	13:30-15:30
1570025021	Swimming Direction of Tilapia Using YOLO	Presentation	24			12 22 15 22
1570926831	Application of Deep Learning Techniques for Thermal Imagery Analysis in Abnormal	Poster Presentation	P4	Poster Session IV	Nov. 2	13:30-15:30
	Identification of Floor Tiles in Heritage	Presentation				
	Environments					
1570926750	Breast Cancer Detection Auxiliary System	Poster	P4	Poster Session IV	Nov. 2	13:30-15:30
	Leveraging Deep Learning and Mixed Reality	Presentation				
1570927120	Wavelet and Cutout in YOLO Architecture for	Poster	P4	Poster Session IV	Nov. 2	13:30-15:30
1570927125	Road Pothole Detection Improve Lightweight Convolutional Neural	Presentation Poster	P4	Poster Session IV	Nov. 2	13:30-15:30
13/092/123	Network for Finger Vein Recognition System	Presentation	P4	Poster Session IV	NOV. Z	15.50-15.50
1570927129	Lightweight CNN and Image Enhancement Using		P4	Poster Session IV	Nov. 2	13:30-15:30
	in Palm Vein Recognition	Presentation				
1570919521	GAN-Based Time-Domain Packet Loss	Poster	P5	Poster Session V	Nov. 3	09:00-10:40
	Concealment Method with Consistent Mapping	Presentation				
4570004600	Approach		25		<u> </u>	00.00.10.10
1570921629	Speech Quality Improvement Utilizing Out-Of- Focus Areas in Rolling-Shutter Video on Speech	Poster	P5	Poster Session V	Nov. 3	09:00-10:40
	Extraction	Presentation				
1570926559	AVATAR: Robust Voice Search Engine Leveraging	Poster	P5	Poster Session V	Nov. 3	09:00-10:40
	Autoregressive Document Retrieval and	Presentation				
	Contrastive Learning					
1570922368	Multi-Granularity Semantic and Acoustic Stress	Poster	P5	Poster Session V	Nov. 3	09:00-10:40
4570000400	Prediction for Expressive TTS	Presentation	25		<u> </u>	00.00.10.10
1570922189	Personalized Audio Quality Preference Prediction	Poster	P5	Poster Session V	Nov. 3	09:00-10:40
1570921528	Combining Multiple End-To-End Speech	Presentation Poster	P5	Poster Session V	Nov. 3	09:00-10:40
10,0021010	Recognition Models Based on Density Ratio	Presentation		. 5516. 5633.6.1. 1		03.00 20.10
	Approach					
1570922730	Construction of Automatic Speech Recognition	Poster	P5	Poster Session V	Nov. 3	09:00-10:40
	Model That Recognizes Linguistic Information	Presentation				
1570927049	and Verbal/Non-Verbal Phenomena Speech-Emotion Control for Text-To-Speech in	Poster	P5	Poster Session V	Nov. 2	09:00-10:40
1570927049	Spoken Dialogue Systems Using Voice	Presentation	P5	Poster Session v	Nov. 3	09:00-10:40
	Conversion and x-Vector Embedding	resentation				
1570922512	NADiffuSE: Noise-Aware Diffusion-Based Model	Poster	P5	Poster Session V	Nov. 3	09:00-10:40
	for Speech Enhancement	Presentation				
1570921604	Narrow-Edged Acoustical Beamforming Utilizing	Poster	P5	Poster Session V	Nov. 3	09:00-10:40
	Phase Inversion for Frequency Modulation-	Presentation				
1570929030	Based Parametric Array Loudspeaker Accurate and Practical Query-By-Example by	Poster	P5	Poster Session V	Nov. 3	09:00-10:40
1370323030	Using Multiple Deep Learning Models and	Presentation	13	l oster session v	1000.5	05.00-10.40
	Frame Compression Methods					
1570929034	Ensemble of Transformer and Convolutional	Poster	P5	Poster Session V	Nov. 3	09:00-10:40
	Recurrent Neural Network for Improving	Presentation				
	Discrimination Accuracy in Automatic Chord					
1570922455	Recognition Corpus Construction for Deaf Speakers and	Poster	P5	Poster Session V	Nov. 3	09:00-10:40
1370322433	Analysis by Automatic Speech Recognition	Presentation	13	l oster session v	1000.5	05.00-10.40
1570921339	Exploring Isolated Musical Notes as Pre-Training		P5	Poster Session V	Nov. 3	09:00-10:40
	Data for Predominant Instrument Recognition in					
	Polyphonic Music	_				
1570921372	Jointly Modelling Transcriptions and Phonemes	Poster	P5	Poster Session V	Nov. 3	09:00-10:40
	with Optimal Features to Detect Dementia from Spontaneous Cantonese	Presentation				
1570921000	Multi-Accent Pronunciation Assessment Based	Poster	P5	Poster Session V	Nov. 3	09:00-10:40
	on Domain Adversarial Training	Presentation				
1570922534	Regression-Based Sound Event Detection with	Poster	P5	Poster Session V	Nov. 3	09:00-10:40
	Semi-Supervised Learning	Presentation				
1570908853	Proportionate NLMS with Variable Step-Size for	Poster	P5	Poster Session V	Nov. 3	09:00-10:40
1570922223	Adaptive Feedback Cancellation in Hearing Aids ScaleFormer: Transformer-Based Speech	Presentation Poster	P5	Poster Session V	Nov. 3	09:00-10:40
13/0322223	Enhancement in the Multi-Scale Time Domain	Presentation	1,2	i oster session v	1404. 3	05.00-10.40
1570926681	Residual Echo Suppression Using Spatial Feature		P5	Poster Session V	Nov. 3	09:00-10:40
	for Stereo Acoustic Echo Cancellation	Presentation				

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Paper No.	Title	Presentation Type	Session Number	Session Name	Session Date	Session Time
1570923740	Multitaper Adaptive Time-Frequency Windowed	Poster	P5	Poster Session V	Nov. 3	09:00-10:40
	Fourier Transform Based on the Reliable Region	Presentation				
	of Window Widths					
1570926842	Enhancing Retinal Disease Classification with	Poster	P5	Poster Session V	Nov. 3	09:00-10:40
	Dual Scale Twin Vision Transformers Using OCT	Presentation				
	Imaging					
1570926867	Classification of Infant Sleep/Wake States:	Poster	P5	Poster Session V	Nov. 3	09:00-10:40
	Cross-Attention Among Large Scale Pretrained	Presentation				
	Transformer Networks Using Audio, ECG, and					
	IMU Data					
1570927046	Dynamic Characteristics of	Poster	P5	Poster Session V	Nov. 3	09:00-10:40
	Electroencephalogram Reflecting Driving-	Presentation				
	Experience-Dependent Performance Using					
	Microstates					
1570926929	Quefrency Domain Features with Residual	Poster	P5	Poster Session V	Nov. 3	09:00-10:40
	Networks for Spoof Speech Detection	Presentation				
1570918989	UniVR: A Unified Framework for Pitch-Shifted	Poster	P5	Poster Session V	Nov. 3	09:00-10:40
	Voice Restoration in Speaker Identification	Presentation				
1570926862	PDF-NET: Pitch-Adaptive Dynamic Filter	Poster	P5	Poster Session V	Nov. 3	09:00-10:40
	Network for Intra-Gender Speaker Verification	Presentation				
1570922219	Feature Selection Based on Clonal Selection	Poster	P5	Poster Session V	Nov. 3	09:00-10:40
	Algorithm for Image Steganalysis	Presentation				
1570926731	MHM-Based Reversible Data Hiding with	Poster	P5	Poster Session V	Nov. 3	09:00-10:40
	Adaptive Feature Selection	Presentation				
1570922528	Subjective Evaluation of a Focused Sound	Poster	P5	Poster Session V	Nov. 3	09:00-10:40
	Source Reproducing at the Positions of a	Presentation				
	Listener's Moving Hand					