

PROGRAM AT A GLANCE

20.08.2024

Sunday, September 1, 2024

Time / Session	Melampus	Acesso	Homer	Syndicate 2.1
8:00 – 19:00	Registration at KICC First Floor (Level 1)			
9:00 – 12:15	Tutorial 1: Seamless Communication: Towards a Universal Translation System	Tutorial 2: Neural Speech and Audio Coding	Tutorial 3: Responsible Development and Translation of Clinical Speech Analytics	Tutorial 4: Embracing Inclusivity: Bridging Gaps, Breaking Barriers, and Beyond Challenges in developing real-time embedded conversational AI for assistive technology
12:15 – 13:45	Break			
13:45 – 17:00	13:45 – 16:45 Tutorial 7: Intracortical Brain-Computer Interface (BCI) Speech Neuro-prosthesis Foundations and Techniques	13:45 – 16:45 Tutorial 6: Recent Advances in Speech Language Models	Tutorial 3: Responsible Development and Translation of Clinical Speech Analytics	13:45 – 16:45 Tutorial 8: Optimal transport (OT) in speech: OT meets speech

Monday, September 2, 2024

Time / Session	Hippocrates	Panacea Amphitheater	Acesso	Aegle A	Aegle B	Iasso	Melampus	Corridor - Hippocrates right side				Corridor - Hippocrates left side				Yanis Club	Exhibition
								Poster Area 1A	Poster Area 1B	Poster Area 2A	Poster Area 2B	Poster Area 3A	Poster Area 3B	Poster Area 4A	Poster Area 4B		
7:30 – 9:00	Registration 07:30 - 19:00 - Registration at KICC First Floor (Level 1)																
9:00 – 10:00	Opening Ceremony (Hippocrates)																
10:00 – 11:00	Keynote 1 (Hippocrates) - Isabel Trancoso "Towards Responsible Speech Processing"																
11:00 – 11:30	Break																
11:30 – 13:30	A9-O1 Decoding Algorithms	A1-O1 - L2 Speech, Bilingualism and Code-Switching	A5-O2 Detection and Classification of Bioacoustic Signals	A7-O1 Speech Synthesis: Voice Conversion 1	A4-O1 Speaker Diarization 1	A10-O1 Pronunciation Assessment	A6-O1 Acoustic Echo Cancellation	A8-P1 Neural Network Architecture for ASR 2		A5-P1-A Speech and Audio Analysis and Representations	A5-P1-B Acoustic Event Detection and Classification 2	A12-P1-A Spoken Language Processing	A12-P1-B Spoken Machine Translation 2	SS2 Biosignal-enabled Spoken Communication			
13:30 – 15:00	Break																
15:00 – 17:00	A8-O1 Noise Robustness, FarField, and Multi-Talker ASR	A2-O1 Individual and Social Factors in Phonetics	A5-O1 Audio Event Detection and Classification 1	A7-O2 Zero-shot TTS	A3-O1 Paralinguistic	A11-O1 Spoken Language Understanding	A12-O1 Spoken Machine Translation 1	A13-P1-A Hearing Disorders	A13-P1-B Speech Disorders 2	A4-P1 Speaker Recognition: Adversarial and Spoofing Attacks	A5-P2-B Source Separation 2	A9-P1 Contextual Biasing and Adaptation		A6-P1-A Noise Reduction, Dereverberation, and Echo Cancellation	A6-P1-B Computationally Efficient Speech Enhancement	SS13 TAUKADIAL Challenge: Speech-Based Cognitive Assessment in Chinese and English (Special Session)	ST1 Show and Tell 1
17:00 – 17:30	Break																
17:30 – 19:00		GA ISCA General Assembly															
19:00 – 20:30	Welcome Reception at Kos Island Marina																

Tuesday, September 3, 2024

Time / Session	Hippocrates	Panacea Amphitheater	Acesso	Aegle A	Aegle B	Iasso	Melambus	Corridor - Hippocrates right side				Corridor - Hippocrates left side				Yanis Club	Exhibition
								Poster Area 1A	Poster Area 1B	Poster Area 2A	Poster Area 2B	Poster Area 3A	Poster Area 3B	Poster Area 4A	Poster Area 4B		
8:00 – 08:30	Registration 8:00 - 17:00 - Registration at KICC First Floor (Level 1)																
8:30 – 09:30	Keynote 2 (Hippocrates) - Shoko Araki "Frontier of Frontend for Conversational Speech Processing"																
9:30 – 10:00	Break																
10:00 – 12:00	A7-03 Speech Synthesis: Evaluation	A13-01 Pathological Speech Analysis 1	A2-02 Phonetics and Phonology of Second Language Acquisition	A4-02 Spoofing and Deepfake Detection		A8-02 Multilingual ASR	A6-02 Generative Speech Enhancement	A3-P1-A Corpora-based Approaches in Automatic Emotion Recognition	A3-P1-B Analysis of Speakers States and Traits	A5-P2-A Audio Captioning, Tagging, and Audio-Text Retrieval		A8-P2 General Topics in ASR		A12-P2-A Spoken Language Understanding	A12-P2-B Speech and Multimodal Resources	SS5A Speech and Language in Health: from Remote Monitoring to Medical Conversation - 1 (Special Session)	
12:00 – 13:30	Break																
13:30 – 15:30	A7-04 Speech Synthesis: Singing Voice Synthesis	A5-03 Audio-Text Retrieval	A1-02 Speech and Brain	A3-02 Emotion Recognition: Resources and Benchmarks	A9-02 Vision and Speech	A8-03 LLM in ASR	A12-02 Spoken Document Summarization	A2-P1 Innovative Methods in Phonetics and Phonology	A2-P1-B Voice, Tones and F0	A4-P2 Speaker and Language Identification and Diarization		A6-P2-A Speech Enhancement	A6-P2-B Speech Coding	A7-P1-A Speech Synthesis: Expressivity and Emotion	A7-P1-B Speech Synthesis: Tools and Data	SS5B Speech and Language in Health: from Remote Monitoring to Medical Conversation - 2 (Special Sessions)	ST2 Show and Tell 2
15:30 – 16:00	Break																
16:00 – 18:00	A7-05 Speech Synthesis: Prosody	A5-04 Source Separation 1	A2-03 Prosody	A4-03 Foundational Models for Deepfake and Spoofed Speech Detection	A10-02 ASR and LLMs	A8-04 Neural Network Adaptation	SS10 Speech Processing Using Discrete Speech Units (Special Session)	A13-P2-A Pathological Speech Analysis 3	A13-P2-B Speech Disorders 3	A8-P3 Accented Speech, Prosodic Features, Dialect, Emotion, Sound Classification		A6-P3-A Audio-Visual and Generative Speech Enhancement	A6-P3-B Speech Privacy and Bandwidth Expansion	A4-P3 Speaker Recognition 1		SS9 Speech Recognition with Large Pretrained Speech Models for Under-represented Languages (Special Session)	
19:00 – 21:00	Student Evening at the Olympic Pool of the Kipriotis Village Hotel / Reviewer Reception at the Kipriotis Panorama (by invitation only)																

Wednesday, September 4, 2024

Time / Session	Hippocrates	Panacea Amphitheater	Acesso	Aegle A	Aegle B	Iasso	Melampus	Corridor - Hippocrates right side				Corridor - Hippocrates left side				Yanis Club	Exhibition
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8:00 – 08:30	Registration 8:00 - 17:00 - Registration at KICC First Floor (Level 1)																
8:30 – 09:30	Keynote 3 (Hippocrates) - Elmar Nöth "Analysis of Pathological Speech – Pitfalls along the Way"																
9:30 – 10:00	Break																
10:00 – 12:00	A9-O3 Novel Architecture for ASR	A13-O2 Pathological Speech Analysis 2	A4-O4 Self-Supervised Models in Speaker Recognition	A6-O3 Privacy and Security in Speech Communication 1	A5-O5 Speech Quality Assessment	A3-O3 Speech Emotion Recognition	A11-O2 Spoken Dialogue Systems and Conversation Analysis 1	A1-P1-A Databases and Progress in Methodology	A1-P1-B Articulation, Convergence and Perception	A8-P4 Training Methods, Self Supervised Learning, Adaptation		A10-P1 Multimodality and Foundation Models	A12-P4 Speech Technology	A7-P2-A Speech Synthesis: Voice Conversion 2	A7-P2-B Speech Synthesis: Text Processing	SS1 Speech Science, Speech Technology, and Gender (Special Session)	
12:00 – 13:30	Break																
13:30 – 15:30	A8-O5 Neural Network Architecture for ASR 1	A1-O3 Speech Production and Perception	A2-O4 Phonetics and Phonology: Segmentals and Suprasegmentals	A6-O4 Multi-Channel Speech Enhancement	A9-O4 Error Correction and Rescoring	A4-O5 Speaker Verification	A5-O6 Speech and Audio Modelling	A3-P2 Topics in Paralinguistics	A3-P2-B Emotion Recognition: Fairness, Variability, Uncertainty	A5-P3-A Spatial Audio and Acoustics	A5-P3-B Generative Models for Speech and Audio	A11-P1-A Spoken Language Understanding	A11-P1-B Spoken Dialogue Systems and Conversation Analysis 2	A7-P3-A Speech Synthesis: Paradigms and Methods 1	A7-P3-B Speech Synthesis: Paradigms and Methods 2	SS3 Computational Models of Human Language Acquisition, Perception, and Production (Special Session)	ST3 Show and Tell 3
15:30 – 16:00	Break																
16:00 – 18:00	A8-O6 ASR Model Training Methods	A13-O3 Dysarthric Speech Assessment	A5-O7 Speech and Audio Analysis	A6-O5 Speech Quality and Intelligibility Prediction and Enhancement	A10-O3 Speech Assessment	A3-O4 New Avenues in Emotion Recognition	A7-O6 Speech Synthesis: Vocoders	A4-P4-A Speaker Diarization 2	A4-P4-B Speaker Recognition 2	A9-P2 Cross-Lingual and Multilingual Processing		A11-P2-A Question Answering from Speech and Spoken Dialogue Systems	A11-P2-B Spoken Dialogue Systems and Conversation Analysis 3	A2-P2-A Phonetics, Phonology and Prosody	A2-P2-B Segmentals	SS6 Spoken Language Models for Universal Speech Processing (Special Session)	
19:30 – 23:00	Conference Banquet at the Kipriotis Panorama's Pool																

Thursday, September 5, 2024

Time / Session	Hippocrates	Panacea Amphitheater	Acesso	Aegle A	Aegle B	Iasso	Melampus	Corridor - Hippocrates right side				Corridor - Hippocrates left side				Yanis Club	Exhibition
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8:00 – 08:30	Registration 8:00 - 16:30 - Registration at KICC First Floor (Level 1)																
8:30 – 09:30	Keynote 4 (Hippocrates) - Barbara Tillmann "Perception of Music and Speech: Focus on Rhythm Processing"																
9:30 – 10:00	Break																
10:00 – 12:00	A2-O5 Experimental Phonetics and Laboratory Phonology	A5-O8 Speech Type Classification	SS4 Leveraging Large Language Models and Contextual Features for Phonetic Analysis (Special Session)	A7-O7 Privacy and Security in Speech Communication 2	A8-O7 Streaming ASR	A4-O6 Speaker recognition evaluation and resources	A6-O6 Target Speaker Extraction	A1-P2-A L1/L2 Acquisition and CrossLinguistic Factors	A1-P2-B Speaker Stance, Emotion and Language External Factors	A9-P3 Computational Resource Constrained ASR		A12-P3-A Evaluation of Speech Technology Systems	A12-P3-B Neural Network Training for Speech Recognition	A7-P4-A Speech Synthesis: Voice Conversion 3	A7-P4-B Speech Synthesis: Paradigms and Methods 3	SS7 Responsible Speech Foundation Models (Special Session)	
12:00 – 13:30	Break																
13:30 – 15:30	A13-O4 Speech Disorders 1	A5-O9 Fake Audio Detection	A12-O3 Spoken Term Detection and Speech Retrieval	A7-O8 Speech synthesis: Crosslingual and multilingual aspects	A8-O8 SelfSupervise Learning for ASR	A4-O7 Self and Weakly-Labelled Speaker Verification	A6-O7 Deep Learning Based Speech Enhancement: Approaches, Scalability, and Evaluation	A3-P3-A Multimodal Paralinguistics	A3-P3-B Automatic Emotion Recognition	A5-P4-A Acoustic Event Detection, Segmentation and Classification	A5-P4-B Speech and Audio Modelling	A7-P5-A Speech Synthesis: Other Topics 1	A7-P5-B Speech Synthesis: Other Topics 2	A8-P5 Noise, Far-Field, MultiTalker, Enhancement, Audio Classification		SS8 Connecting Speech-science and Speech-technology for Children's Speech (Special Session)	ST4 Show and Tell 4
15:30 – 16:00	Break																
16:00 – 17:00	Closing Ceremony (Hippocrates)																