

MONDAY, 30.08.2021 - TUTORIALS

TIME (all times are CEST)	Faculty of Information Technology of Brno University of Technology		
10:00 - 11:00	Warm-up Coffee		
11:00 - 14:00	Intonation Transcription and Modelling in Research and Speech Technology Applications - Amalia Arvaniti et al.	Neural target speech extraction - Marc Delcroix et al.	Speech Recognition with Next-Generation Kaldi (K2, Lhotse, Icefall) - Piotr Żelasko et al.
14:00 - 15:00	Lunch Break		
15:00 - 18:00	An Introduction to Automatic Differentiation with Weighted Finite-State Automata - Awni Hannun	SpeechBrain: Unifying Speech Technologies and Deep Learning With an Open Source Toolkit - Mirco Ravanelli et al.	Concept to Code: Semi-Supervised End-To-End Approaches For Speech Recognition - Omprakash Sonie et al.

AREAS

Area Number	Area Name and Color
1	Speech Perception, Production and Acquisition by Human Listeners
2	Phonetics, Phonology, and Prosody
3	Paralinguistics in Speech and Language: Human and Automatic Analysis and Processing
4	Speaker and Language Identification
5	Analysis of Speech and Audio Signals
6	Speech Coding and Enhancement
7	Speech Synthesis and Spoken Language Generation

8	Speech Recognition: Signal Processing, Acoustic Modeling, Robustness, Adaptation
9	Speech Recognition: Architecture, Search, and Linguistic Components
10	Speech Recognition: Technologies and Systems for New Applications
11	Spoken dialog systems and conversational analysis
12	Spoken Language Processing: Translation, Information Retrieval, Summarization, Resources and Evaluation
13	Speech, voice, and hearing disorders
14	Special sessions challenges
15	Show and Tell

TUESDAY, 31.08.2021 - Program at a Glance

TIME (all times are CEST)	Hall A+B	Hall C	Hall D	Lacina	Unified Virtual Sessions								
9:30 - 11:30	Tue-M-O-1 Speech Synthesis: Other topics	Tue-M-O-2 Disordered speech	Tue-M-O-3 Speech signal analysis and representation II	Tue-M-SS-1 The INTERSPEECH 2021 Computational Paralinguistics Challenge (ComParE) - COVID-19 Cough, COVID-19 Speech, Escalation & Primates	Tue-M-V-1 Feature, Embedding and Neural Architecture for Speaker Recognition	Tue-M-V-2 Speech Synthesis: Toward End-to-End Synthesis II		Tue-M-V-3 Speech enhancement and intelligibility	Tue-M-V-4 Spoken Dialogue Systems I	Tue-M-V-5 Topics in ASR: Robustness, feature extraction, and far-field ASR	Tue-M-V-6 Voice activity detection and keyword spotting	Tue-M-V-7 Voice and voicing	
11:30 - 12:30	Survey Talk												
12:30 - 13:30	Lunch Break				Lunch Break								
13:30 - 15:30	Tue-A-O-1 Embedding and Network Architecture for Speaker Recognition	Tue-A-SS-2 The First DiCOVA Challenge: Diagnosis of COVID-19 using Acoustics	Tue-A-O-2 Speech perception I		Tue-A-V-1 Acoustic event detection and acoustic scene classification	Tue-A-V-2 Diverse modes of speech acquisition and processing		Tue-A-V-3 Multi-channel speech enhancement and hearing aids	Tue-A-V-4 Self-supervision and semi-supervision for neural ASR training	Tue-A-V-5 Spoken Language Processing I	Tue-A-V-6 Voice Conversion and Adaptation II	Tue-A-SS-1 Privacy-preserving Machine Learning for Audio & Speech Processing	Tue-A-S&T-1 Show and Tell 1
15:30 - 16:00	Coffee Break				Coffee Break								
16:00 - 17:00	Opening Ceremony												
17:00 - 18:00	Keynote - ISCA medalist												
18:00 - 19:00	Coffee Break / Light Dinner				Coffee Break / Light Dinner								
19:00 - 21:00	Tue-E-O-1 ASR Technologies and systems	Tue-E-O-2 Phonation and voicing	Tue-E-O-3 Health and Affect I	Tue-E-SS-1 Voice quality characterization for clinical voice assessment: Voice production, acoustics, and auditory perception	Tue-E-V-1 Robust Speaker Recognition	Tue-E-V-2 Source separation, dereverberation and echo cancellation		Tue-E-V-3 Speech signal analysis and representation I	Tue-E-V-4 Spoken Language Understanding I	Tue-E-V-5 Topics in ASR: Adaptation, transfer learning, children's speech, and low-resource settings	Tue-E-V-6 Voice Conversion and Adaptation I		

WEDNESDAY, 01.09.2021 - Program at a Glance

TIME (all times are CEST)	Hall A+B	Hall C	Hall D	Lacina	Unified Virtual Sessions								
10:30 - 11:00	Warm-up Coffee				Warm-up Coffee								
11:00 - 13:00	Wed-M-O-1 Miscellaneous topics in ASR	Wed-M-O-2 Phonetics I	Wed-M-O-3 Target speaker detection, localization and separation	Wed-M-SS-1 ConferencingSpeech 2021 challenge: Far-field Multi-Channel Speech Enhancement for Video Conferencing	Wed-M-V-1 Language and Accent Recognition	Wed-M-V-2 Low-resource speech recognition		Wed-M-V-3 Speech Synthesis: Singing, Multimodal, Crosslingual Synthesis	Wed-M-V-4 Speech coding and privacy	Wed-M-V-5 Speech perception II	Wed-M-V-6 Streaming for ASR/RNN Transducers		
13:00 - 14:00	Survey Talk												
14:00 - 15:00	Lunch Break				Lunch Break								
15:00 - 16:00	Keynote												
16:00 - 18:00	Wed-A-O-1 Language Modeling and Text-based Innovations for ASR	Wed-A-O-2 Speaker, Language, and Privacy		Wed-A-O-3 Assessment of pathological speech and language I	Wed-A-V-1 Communication and interaction, multimodality	Wed-A-V-2 Language and Lexical Modeling for ASR		Wed-A-V-3 Novel neural network architectures for ASR	Wed-A-V-4 Speech Localization, Enhancement, and Quality Assessment	Wed-A-V-5 Speech Synthesis: Neural Waveform Generation	Wed-A-V-6 Spoken machine translation	Wed-A-S&T-1 Show and Tell 2	Wed-A-SS-1 SdSV Challenge 2021: Analysis and Exploration of New Ideas on Short-Duration Speaker Verification
18:00 - 19:00	Coffee Break / Light Dinner				Coffee Break / Light Dinner								
19:00 - 21:00	Wed-E-O-1 Graph and End-to-End Learning for Speaker Recognition	Wed-E-O-2 Spoken Language Processing II	Wed-E-O-3 Speech and audio analysis	Wed-E-SS-1 INTERSPEECH 2021 Deep Noise Suppression Challenge	Wed-E-V-1 Cross/multi-lingual and code-switched ASR	Wed-E-V-2 Health and Affect II		Wed-E-V-3 Neural network training methods for ASR	Wed-E-V-4 Prosodic features and structure	Wed-E-V-5 Single-channel speech enhancement	Wed-E-V-6 Speech Synthesis: tools, data, evaluation		

THURSDAY, 02.09.2021 - Program at a Glance

TIME (all times are CEST)	Hall A+B	Hall C	Hall D	Lacina	Virtual Hall	Unified Virtual Sessions									
10:30 - 11:00	Warm-up Coffee					Warm-up Coffee									
11:00 - 13:00	Thu-M-O-1 Neural Network Training Methods and Architectures for ASR	Thu-M-O-2 Emotion and Sentiment Analysis I	Thu-M-O-3 Linguistic Components in end-to-end ASR	Thu-M-SS-2 Automatic Speech Recognition in Air Traffic Management	Thu-M-SS-1 Oriental Language Recognition	Thu-M-V-1 Assessment of pathological speech and language II	Thu-M-V-2 Multimodal systems		Thu-M-V-3 Source Separation I	Thu-M-V-4 Speaker Diarization I	Thu-M-V-5 Speech Synthesis: Prosody Modeling	Thu-M-V-6 Speech production II	Thu-M-V-7 Spoken Dialogue Systems II		Thu-M-S&T-1 Show and Tell 3
13:00 - 14:00	Survey Talk														
14:00 - 15:00	Lunch Break					Lunch Break									
15:00 - 16:00	Keynote														
16:00 - 18:00	Thu-A-O-2 Speech enhancement and coding	Thu-A-O-1 Speech production I	Thu-A-SS-1 Non-Autoregressive Sequential Modeling for Speech Processing			Thu-A-V-1 Emotion and Sentiment Analysis II	Thu-A-V-2 Multi- and cross-lingual ASR, other topics in ASR		Thu-A-V-3 Source Separation II	Thu-A-V-4 Speaker Diarization II	Thu-A-V-5 Speech Synthesis: Toward End-to-End Synthesis I	Thu-A-V-6 Tools, corpora and resources	Thu-A-SS-2 The ADReSSo Challenge: Detecting cognitive decline using speech only		
18:00 - 19:00	Coffee Break / Light Dinner					Coffee Break / Light Dinner									
19:00 - 21:00	ISCA General Assembly														

THURSDAY, 02.09.2021 - Program at a Glance

FRIDAY, 03.09.2021 - Program at a Glance

TIME (all times are CEST)	Hall A+B	Hall C	Hall D	Lacina	Unified Virtual Sessions										
10:30 - 11:00	Warm-up Coffee					Warm-up Coffee									
11:00 - 13:00	Fri-M-O-1 Robust and Far-field ASR	Fri-M-O-2 Speech Synthesis: Prosody Modeling II	Fri-M-O-3 Source Separation III	Fri-M-SS-1 OpenASR20 and Low Resource ASR Development	Fri-M-V-1 Non-native speech	Fri-M-V-2 Phonetics II		Fri-M-V-3 Search/decoding techniques and confidence measures for ASR	Fri-M-V-4 Speech Synthesis: Linguistic processing, paradigms and other topics	Fri-M-V-5 Speech type classification and diagnosis	Fri-M-V-6 Spoken Term Detection & Voice Search	Fri-M-V-7 Voice Anti-Spoofing and Countermeasure			
13:00 - 14:00	Survey Talk														
14:00 - 15:00	Lunch Break					Lunch Break									
15:00 - 16:00	Keynote														
16:00 - 18:00	Fri-A-O-1 Voice activity detection	Fri-A-SS-2 Speech Recognition of Atypical Speech	Fri-A-O-2 Keyword search and spoken language processing	Fri-A-SS-1 INTERSPEECH 2021 Acoustic Echo Cancellation Challenge	Fri-A-V-1 Applications in transcription, education and learning	Fri-A-V-2 Emotion and Sentiment Analysis III		Fri-A-V-3 Resource-constrained ASR	Fri-A-V-4 Speaker Recognition: Applications	Fri-A-V-5 Speech Synthesis: Speaking Style and Emotion	Fri-A-V-6 Spoken Language Understanding II	Fri-A-S&T-1 Show and Tell 4			
18:00 - 19:00	Closing ceremony, awards														

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