SUNDAY, September 15th - Program at a Glance

TIME	Hall 1	Hall 12	Hall 11	Hall 2	
9:00 - 10:30	Tutorial 1 **Generative adversarial network and its applications to speech signal and natural language processing**	Tutorial 2 **Statistical voice conversion with direct waveform modeling**	Tutorial 3 **Neural machine translation**	Tutorial 4 **Biosignal-based speech processing: from silent speech to brain-computer interfaces**	Registration at Lower Level, 8:00 - 18:00 Speaker Check-in in Room 8, 8:00 - 18:00
	Coffee break in upper level exhibition foyer 10:30 - 11:00				
11:00 - 12:30	Tutorial 1 **contd**.	Tutorial 2 **contd**.	Tutorial 3 **contd**.	Tutorial 4 **contd**.	
	Lunch break 12:30 - 14:00				
14:00 - 15:30	Tutorial 5 **Generating adversarial examples for speech and speaker recognition and other systems**	Tutorial 6 **Advanced methods for neural end-to-end speech processing – unification, integration, and implementation**	Tutorial 7 **Modeling and deploying dialog systems from scratch using open-source tools**	Tutorial 8 **Microphone array signal processing and deep learning for speech enhancement – strong together**	
	Coffee break in upper level exhibition foyer 15:30 - 16:00				
16:00 - 17:30	Tutorial 5 **contd**.	Tutorial 6 **contd**.	Tutorial 7 **contd**.	Tutorial 8 **contd**.	
17:30	Graz Old Town on Foot: Meeting point in front of Conference Center				

INTERSPEECH 2019

MONDAY, September 16th - Program at a Glance

TIME	Main Hall	Hall 1	Hall 2	Hall 11	Hall 12	Hall 3	Gallery A	Gallery B	Gallery C	Hall 10 / D	Hall 10 / E	Hall 4	
8:30	Opening session												Registration at Lower Level, 7:45 - 18:30 / Speaker Check-in in Room 8, 8:00 - 18:30
9:30	Keynote 1:	ISCA Medalist Keiichi Tokuda, Statistical Approach to Speech Synthesis: Past, Present and Future											
	Coffee break in both exhibition foyers, lower and upper level 10:30 - 11:00												
11:00 - 13:00	Mon-O-1-1* End-to-end Speech Recognition	Mon-O-1-2 Speech Enhance-ment Multichannel	Mon-O-1-3 Speech Production: Individual Differences and the Brain	Mon-O-1-4 Speech Signal Chracterization 1	Mon-O-1-5 Neural Waveform Generation	Mon-SS-1-6 Spoken Language Processing for Children's Speech	Mon-P-1-A Speaker Recognition and Diarization	Mon-P-1-B ASR for Noisy and Far-field Speech	Mon-P-1-C Social Signals Detection and Speaker Traits Analysis	Mon-P-1-D Applications of Language Technologies	Mon-P-1-E Speech and Audio Characterization and Segmenation		
	Lunch break 13:00 - 14:30												
14:30 - 16:30	Mon-O-2-1** Attention Mechanism for Speaker State Recognition	Mon-O-2-2 ASR Neural Network Training 1	Mon-O-2-3 Ressources - Annotation - Evaluation	Mon-O-2-4 Sociophonetics	Mon-O-2-5 Zero-resource ASR	Mon-SS-2-6 Dynamics of Emotional Speech	Mon-P-2-A Neural Techniques for Voice Conversion & Waveform Generation	Mon-P-2-B Model Adaption for ASR	Mon-P-2-C Dialogue Speech Understanding	Mon-P-2-D Speech Production and Silent Interfaces	Mon-P-2-E Speech Signal Characterization 2	Mon-S&T 1 Applications in Language Learning and Healthcare	
	Coffee break in both exhibition foyers, lower and upper level 16:30 - 17:00												
17:00 - 18:30		ISCA General Assembly											
	Welcome Reception at Conference Center „Messepark" 18:30 - 20:30												

* Survey Talk: Modeling in Automatic Speech Recognition: Beyond Hidden Markov Models, by Ralf Schlüter
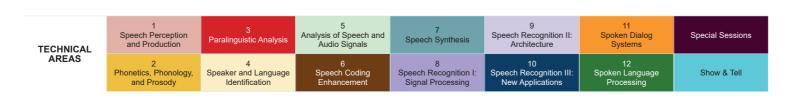
** Survey Talk: When Attention meets Speech Applications: Speech & Speaker Recognition Perspective, by Kyu Han

TECHNICAL AREAS

1 Speech Perception and Production	2 Phonetics, Phonology, and Prosody
3 Paralinguistic Analysis	4 Speaker and Language Identification
5 Analysis of Speech and Audio Signals	6 Speech Coding Enhancement
7 Speech Synthesis	8 Speech Recognition I: Signal Processing
9 Speech Recognition II: Architecture	10 Speech Recognition III: New Applications
11 Spoken Dialog Systems	12 Spoken Language Processing
Special Sessions	Show & Tell

S+L INTERSPEECH 2019

TUESDAY, September 17th - Program at a Glance

TIME	Main Hall	Hall 1	Hall 2	Hall 11	Hall 12	Hall 3	Gallery A	Gallery B	Gallery C	Hall 10 / D	Hall 10 / E	Hall 4
8:30	Keynote 2:	Tanja Schultz, Biosignal Processing for Human-Machine Interaction										
	Coffee break in both exhibition foyers, lower and upper level 9:30 - 10:00											
10:00 - 12:00	Tue-O-3-1* Speech Translation	Tue-O-3-2 Speaker Recognition I	Tue-O-3-3 Dialogue Understanding	Tue-O-3-4 Speech in the Brain	Tue-O-3-5 Far-field Speech Recognition	Tue-SS-3-6 The Second DIHARD II Speech Diarization Challenge	Tue-P-3-A Speech Synthesis: Data and Evaluation	Tue-P-3-B Model Training for ASR	Tue-P-3-C Network Architectures for Emotion and Paralinguistics Recognition	Tue-P-3-D Acoustic Phonetics	Tue-P-3-E Speech Enhancement: Noise attenuation	
	Lunch break 12:00 - 13:30											
13:30 - 15:30	Tue-O-4-1** Speaker and Language Recognition I	Tue-O-4-2 Speech Synthesis: Towards End-to-End	Tue-O-4-3 Semantic Analysis and Classification	Tue-SS-4-4° ASV Spoof Challenge	Tue-O-4-5 Speech and Audio Source Separation and Scene Analysis 1	High School Teacher's Event	Tue-SS-4-A° ASV Spoof Challenge	Tue-P-4-B Language Learning and Databases	Tue-P-4-C Emotion and Personality in Conversation	Tue-P-4-D Voice Quality, Speech Perception, and Prosody	Tue-P-4-E Speech Signal Characterization 3	Tue-S&T 2 Speech Processing and Analysis
	Coffee break in both exhibition foyers, lower and upper level 15:30 - 16:00											
16:00 - 18:00	Tue-O-5-1*** Speech Intelligibility	Tue-O-5-2 ASR Neural Network Architectures 1	Tue-O-5-3 Speaker Recognition Evaluation	Tue-O-5-4 Dialogue Modelling	Tue-O-5-5 Speech and Language Analytics for Mental Health	Tue-SS-5-6 The Zero Resource Speech Challenge 2019	Tue-P-5-A Speech Synthesis: Pronunciation, Multilingual	Tue-P-5-B Crosslingual and Multilingual ASR	Tue-P-5-C Spoken Term Detection, Confidence Measure	Tue-P-5-D Speech Perception	Tue-P-5-E Topics in Speech and Audio Signal Processing	1st INTERSPEECH Hackathon Demonstrations

Registration at Lower Level, 8:00 - 17:00
Speaker Check-in in Room 8, 8:00 - 17:00

Student Reception at Tesla Lab 18:30 - 20:30 & Reviewer Cultural Event at Mumuth 19:00 - 21:00

* Survey Talk: A Survey on Speech Translation, by Jan Niehus

** Survey Talk: End-to-end Deep NN based Speaker and Language Recognition, by Ming Li

*** Survey Talk: Preserving Privacy in Speaker and Speech Characterisation, by Andreas Nautsch

° Special Session 4 starts in Gallery A and moves to Hall 11 at 14:30

TECHNICAL AREAS

1 Speech Perception and Production	3 Paralinguistic Analysis	5 Analysis of Speech and Audio Signals	7 Speech Synthesis	9 Speech Recognition II: Architecture	11 Spoken Dialog Systems	Special Sessions
2 Phonetics, Phonology, and Prosody	4 Speaker and Language Identification	6 Speech Coding Enhancement	8 Speech Recognition I: Signal Processing	10 Speech Recognition III: New Applications	12 Spoken Language Processing	Show & Tell

S+L INTERSPEECH 2019

WEDNESDAY, September 18th - Program at a Glance

TIME	Main Hall	Hall 1	Hall 2	Hall 11	Hall 12	Hall 3	Gallery A	Gallery B	Gallery C	Hall 10 / D	Hall 10 / E	Hall 4
8:30	Keynote 3:	Manfred Kaltenbacher, Physiology and Physics of Voice Production										
	Coffee break in both exhibition foyers, lower and upper level 9:30 - 10:00											
10:00 - 12:00	Wed-O-6-1* Prosody	Wed-O-6-2 Speech and Audio Classification 1	Wed-O-6-3 Singing and Multimodal Synthesis	Wed-SS-6-4 ComParE	Wed-O-6-5 ASR Neural Network Training 2		Wed-P-6-A Speaker Recognition and Anti-spoofing	Wed-P-6-B Rich Transcription and ASR Systems	Wed-P-6-C Speech and Language Analytics for Medical Applications	Wed-P-6-D Speech Perception in Adverse Listening Conditions	Wed-P-6-E Speech Enhancement: Single channel 1	Wed-S&T 3 Speech and Speaker Recognition
	Lunch break 12:00 - 13:30											
13:30 - 15:30	Wed-O-7-1** Bilingualism, L2, and Nonnativeness	Wed-O-7-2 Spoken Term Detection	Wed-SS-7-3° The VOiCES from a Distance Challenge	Wed-O-7-4 Speech and Audio Source Separation and Scene Analysis 2	Wed-O-7-5 Speech Enhancement: Single Channel 2	ISCA-SAC „Students Meet Experts"	Wed-SS-7-A° The VOiCES from a Distance Challenge	Wed-P-7-B Speech Recognition and Beyond	Wed-P-7-C Emotion Modeling and Analysis	Wed-P-7-D Articulatory Phonetics	Wed-P-7-E Speech and Audio Classification 2	Wed-S&T 4 Speech Annotation and Labelling
	Coffee break in both exhibition foyers, lower and upper level 15:30 - 16:00											
16:00 - 18:00	Wed-O-8-1*** Multimodal ASR	Wed-O-8-2 ASR Neural Network Architectures 2	Wed-O-8-3 Training Strategy for Speech Emotion Recognition	Wed-O-8-4 Voice Conversion for Style, Accent, and Emotion	Wed-O-8-5 Speaker Recognition II	Wed-SS-8-6 Voice Quality Characterization for Clinical Voice Assessment	Wed-P-8-A Speech Coding and Evaluation	Wed-P-8-B Feature Extraction for ASR	Wed-P-8-C Lexicon and Language Model for Speech Recognition	Wed-P-8-D First and Second Language Acquisition	Wed-P-8-E Speech and Audio Classification 3	Wed-S&T 5 Speech Synthesis
	Interspeech Soirée at Stefaniensaal 19:00 - 24:00											

Registration at Lower Level, 8:00 - 17:00
Speaker Check-in in Room 8, 8:00 - 17:00

* Survey Talk: Prosody Research and Applications: the State of the Art, by Nigel G. Ward

** Survey Talk: Recognition of Foreign-Accented Speech: Challenges and Opportunities for Human and Computer Speech Communication, by Ann Bradlow

*** Survey Talk: Multimodal Processing of Speech and Language, by Florian Metze

° Special Session 5 starts in Hall 2 and moves to Gallery A at 14:00

TECHNICAL AREAS

1 Speech Perception and Production	2 Phonetics, Phonology, and Prosody
3 Paralinguistic Analysis	4 Speaker and Language Identification
5 Analysis of Speech and Audio Signals	6 Speech Coding Enhancement
7 Speech Synthesis	8 Speech Recognition I: Signal Processing
9 Speech Recognition II: Architecture	10 Speech Recognition III: New Applications
11 Spoken Dialog Systems	12 Spoken Language Processing
Special Sessions	Show & Tell

INTERSPEECH 2019

THURSDAY, September 19ᵗʰ - Program at a Glance

TIME	Main Hall	Hall 1	Hall 2	Hall 11	Hall 12	Hall 3	Gallery A	Gallery B	Gallery C	Hall 10 / D	Hall 10 / E	Hall 4	
8:30	Keynote 4:	Mirella Lapata, Learning Natural Language Interface with Neural Models											
		Coffee break in both exhibition foyers, lower and upper level 9:30 - 10:00											
10:00 - 12:00	Thu-O-9-1* Speech Synthesis: Articulatory and Physical Approaches	Thu-O-9-2 Sequence-to-sequence Speech Recognition	Thu-O-9-3 Search Methods for Speech Recognition	Thu-O-9-4 Audio Signal Characterization	Thu-O-9-5 Speech and Voice Disorders I	Thu-SS-9-6 Privacy in Speech and Audio Interfaces	Thu-P-9-A Speaker and Language Recognition II	Thu-P-9-B Medical Applications and Visual ASR	Thu-P-9-C Turn Management in Dialogue	Thu-P-9-D Corpus Annotation and Evaluation	Thu-P-9-E Speech Enhancement: Multi-channel and Intelligibility		Registration at Lower Level, 8:00 - 17:00 / Speaker Check-in in Room 8, 8:00 - 12:00
		Lunch break 12:00 - 13:30											
13:30 - 15:30	Thu-O-10-1** Neural Networks for Language Modeling	Thu-O-10-2 Representation Learning of Emotion and Paralinguistics	Thu-O-10-3 World's Languages and Varieties	Thu-O-10-4 Adaptation and Accommodation in Conversation	Thu-SS-10-5 Speech Technologies for Code-Switching in Multilingual Communities		Thu-P-10-A Speaker Recognition III	Thu-P-10-B Neural Network Architectures for ASR	Thu-P-10-C Speech Synthesis: Text Processing, Prosody, and Emotion	Thu-P-10-D Speech and Voice Disorders II	Thu-P-10-E Speech and Audio Source Separation and Scene Analysis 3	Thu-S&T 6 Speech-to-text and Speech Assessment	
		Coffee break in both exhibition foyers, lower and upper level 15:30 - 16:00											
16:00	Closing												

* Survey Talk: Realistic Physics-Based Computational Voice Production, by Oriol Guasch

** Survey Talk: Reaching Over the Gap: Cross- and Interdisciplinary Research on Human and Automatic Speech Processing, by Odette Scharenborg

TECHNICAL AREAS

1 Speech Perception and Production	3 Paralinguistic Analysis	5 Analysis of Speech and Audio Signals	7 Speech Synthesis	9 Speech Recognition II: Architecture	11 Spoken Dialog Systems	Special Sessions
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INTERSPEECH 2019