

Awards

ISCA Medal for Scientific Achievement

The ISCA Medal for Scientific Achievement 2018 will be awarded to Professor Bishnu S. Atal by the President of ISCA during the opening ceremony.

ISCA Best Student Paper Award Finalists

2572 Automatic Glottis Localization and Segmentation in Stroboscopic Videos Using Deep Neural Network

Wed-P-3-4-7: Source and Supra-segmentals

September 5, 17:00, Hall 4-6, PosterArea 4

Achuth Rao M V, Rahul Krishnamurthy, Pebbili Gopikishore, Veeramani Priyadharshini and Prasanta Kumar Ghosh

0063 Effects of User Controlled Speech Rate on Intelligibility in Noisy Environments

Wed-O-1-3-6: Production of Prosody

September 5, 11:40, Hall 2

John S. Novak, III, Robert V. Kenyon

1288 An Interlocutor-Modulated Attentional LSTM for Differentiating between Subgroups of Autism Spectrum Disorder

Wed-O-2-5-2: Speech and Language Analytics for Mental Health

September 5, 14:50, MR G.03-G.04

Yun-Shao Lin, Susan Shur-Fen Ga, Chi-Chun Lee

1515 An Improved Deep Embedding Learning Method for Short Duration Speaker Verification

Thu-P-2-1-4: Speaker Verification Using Neural Network Methods II

September 6, 14:30, Hall 4-6, PosterArea 1

Zhifu Gao, Yan Song, Ian McLoughlin, Wu Guo, Lirong Dai

1269 Joint Localization and Classification of Multiple Sound Sources Using a Multi-task Neural Network

Mon-P-1-3-3: Deep Learning for Source Separation and Pitch Tracking

September 3, 14:00, Hall 4-6, PosterArea 3

Weipeng He, Petr Motlicek and Jean-Marc Odobez

2423 A Priori SNR Estimation Based on a Recurrent Neural Network for Robust Speech Enhancement

Thu-P-1-1-12: Deep Enhancement

September 6, 10:00, Hall 4-6, PosterArea 1

Yangyang Xia and Richard M. Stern

1830 Multi-target Voice Conversion without Parallel Data by Adversarially Learning Disentangled Audio Representations

Mon-O-2-4-6: Voice Conversion

September 3, 18:10, MR G.03 - G.04

Ju-chieh Chou, Cheng-chieh Yeh, Hung-yi Lee and Lin-shan Lee

2456 Multi-Modal Data Augmentation for End-to-end ASR

Wed-P-2-1-1: Adjusting to Speaker, Accent, and Domain

September 5, 14:30, Hall 4

Adithya Renduchintala, Shuoyang Ding, Matthew Wiesner and Shinji Watanabe

1339 A GPU-based WFST Decoder with Exact Lattice Generation

Wed-O-2-1-2: Recurrent Neural Models for ASR

September 5, 14:50, Hall 3

Zhehuai Chen, Justin Luitjens, **Hainan Xu, Yiming Wang**, Daniel Povey and Sanjeev Khudanpur

1352 User-centric Evaluation of Automatic Punctuation in ASR Closed Captioning

Wed-P-2-4-7: Topics in Speech Recognition

September 5, 14:30, Hall 4-6, Poster Area 4

Ákos Máté Tündik, György Szaszák, Gábor Gosztolya and András Bek

2522 Detecting Depression with Audio/Text Sequence Modeling of Interviews

Tue-SS-2-2-10: Integrating Speech Science and Technology for Clinical Applications

September 4, 14:30, Hall 4-6, Poster Area 4

Tuka Alhanai, Mohammad Ghassemi and James Glass

1346 Joint Learning of Interactive Spoken Content Retrieval and Trainable User Simulator

Wed-P-1-2-1: Extracting Information from Audio

September 5, 10:00, Hall 4-6, Poster Area 2

Pei-Hung Chung, Kuan Tung, Ching-Lun Tai and Hung-Yi Lee