

UKSpeech Conference 2/3 July 2015 - University of East Anglia

Thursday

Oral: Thursday 15:00--16:00

1	Mark Sinclair	University of Edinburgh	Speech Segmentation and Speaker Diarisation for Transcription and Translation
2	John Yardley	JPY Ltd	Using ASR to get data out, not in
3	Ji Ming	Queens University Belfast	Going Wide: An Approach To Improving Noise Robustness

Poster 1: Thursday 16:45--18:00

1	Ailbhe Cullen	Trinity College Dublin	Speaker Appeal in Political Speech
2	Saeid Mokaram	University of Sheffield	Speech-Based Location Estimation of First Responders in a Simulated Search and Rescue Scenario
3	Jose A. Gonzalez	University of Sheffield	A Non-Parametric Articulatory-to-Acoustic Conversion System for Silent Speech using Shared Gaussian Process Dynamical Models
4	Mauro Nicolao	University of Sheffield	Automatic Assessment of English Learner Pronunciation using Discriminative Classifier
5	Georgina Brown	University of York	Automatic Accent Recognition for Forensic Applications
6	Danny Websdale	University of East Anglia	Objective Measures for Predicting the Intelligibility of Spectrally Smoothed Speech with Artificial Excitation
7	Ivan Lopez-Espejo	University of Sheffield	DNN-Based Missing-Data Mask Estimation for Noise-Robust ASR in Dual-Microphone Smartphones
8	Mengjie Qian	University of Birmingham	Deep Learning for ASR of Children's Speech
9	Chloe Seivwright	University of Birmingham	A Comparative Analysis of Continuous and Discontinuous Implementation of a Piecewise Linear Continuous State HMM
10	Rogier van Dalen	University of Cambridge	Automatically Grading Learners' Spoken English using a Gaussian Process
11	Wendy Holmes	Avaya Speech Analytics	Applying the Avaya Speech Search Engine to the Mandarin Chinese and Korean Languages
12	Mortaza Doulaty	University of Sheffield	Unsupervised Domain Discovery using Latent Dirichlet Allocation for Acoustic Modelling in Speech Recognition
13	Tom Merrit	University of Edinburgh	Deep Neural Network Context Embeddings for Model Selection in Rich-Context HMM Synthesis
14	Zhizheng Wu	University of Edinburgh	Minimum Trajectory Error Training for Deep Neural Networks, Combined with Stacked Bottleneck Features
15	Chao Zhang	University of Cambridge	Parameterised Sigmoid and ReLU Hidden Activation Functions for DNN Acoustic Modelling
16	Niranjani Prasad	Speechmatics	Scaling Recurrent Neural Network Language Models
17	Yulan Liu	University of Sheffield	An Investigation into Speaker Informed DNN Front-end for LVCSR
18	Ausdang Thangthai	University of East Anglia	HMM-based Visual Speech Synthesis using Dynamic Visemes

Friday

Poster 2: Friday 12:00--13:30

1	Joaquín Atria	University College London	CPrAN: a Package Manager for PRAAT
2	Najwa Alghamdi	University of Sheffield	Using Enhanced Videos in Speech Perception Training
3	Haipeng Wang	University of Cambridge	Joint Decoding of Tandem and Hybrid Systems for Improved Keyword Spotting on Low Resource Languages
4	Zhizheng Wu	University of Edinburgh	ASVspoof 2015: the First Automatic Speaker Verification Spoofing and Countermeasures Challenge
5	Christy Elias	Trinity College Dublin	Audio Features for Classification of Engagement
6	Bahman Mirheidari	University of Sheffield	Towards Giving People with Physical Impairments a Voice Entry to the Digital World
7	Mauro Nicolao	University of Sheffield	Automatic Speech Recognition for People with Disordered Speech: Results from Online and Offline Experiments
8	Ahmed Ali	University of Edinburgh	Automatic Dialect Detection and Identification of Code-Switching in Arabic Broadcast Speech
9	Lindon Falconer	University of Sheffield	Modelling the Effects of Hearing Aid Algorithms on Hearing Impaired Listeners' Perception of Speaker Intelligibility in Noise
10	Akihiro Kato	University of East Anglia	Using Sub-Word Hidden Markov Models for Speech Enhancement
11	Eva Fringi	University of Birmingham	Evidence of Phonological Processes in Automatic Recognition of Children's Speech
12	Anton Ragni	University of Cambridge	Automatic Speech Recognition and Keyword Search for Low-Resource Languages: Babel Project Research at CUED
13	Pierre Lanchantin	University of Cambridge	Reconstructing Voices within the Multiple-Average-Voice-Model Framework
14	Cassia Valentini Botinhao	University of Edinburgh	Towards Minimum Perceptual error Training for DNN-Based Speech Synthesis
15	Penny Karanasou	University of Cambridge	I-Vector Estimation using Informative Priors for Adaptation of Deep Neural Networks
16	Xunying Liu	University of Cambridge	Paraphrastic Recurrent Neural Network Language Models
17	Linxue Bai	University of Birmingham	Analysis of a Low-Dimensional Bottleneck Neural Network Representation of Speech for Modelling Speech Dynamics
18	Helen Bear	University of East Anglia	Splitting Visemes

Oral 2: Friday 13:30--14:50

1	Rogier van Dalen	University of Cambridge	Annotating large lattices with the exact word error
2	Phil Weber	University of Birmingham	Consonant Recognition with Continuous-state Hidden Markov Models and Perceptually-Motivated Features
3	Erfan Loweimi	University of Sheffield	Source-filter Separation of Speech Signal in the Phase Domain
4	Srikanth Ronanki	University of Edinburgh	Joint Modeling of F0 and Duration in Deep Neural Network Based Speech Synthesis