

Audio/Visual Detection of Non-Linguistic Vocal Outbursts

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Overview

ASSOCIATING CHILDREN'S NON-VERBAL AND VERBAL BEHAVIOUR: BODY MOVEMENTS, EMOTIONS, AND LAUGHTER IN A HUMAN-ROBOT INTERACTION

Anton Batliner; *Universität Erlangen-Nürnberg*

PROCESSING 'YUP!' AND OTHER SHORT UTTERANCES IN INTERACTIVE SPEECH

John Kane; *University of Dublin*

Helena Moniz; *FLUL/INESC-ID*

ONLINE DETECTION OF VOCAL LISTENER RESPONSES WITH MAXIMUM LATENCY CONSTRAINTS

Daniel Neiberg; *KTH - Royal Institute of Technology*

Khiet P. Truong; *University of Twente*

LOCALIZATION OF NON-LINGUISTIC EVENTS IN SPONTANEOUS SPEECH BY NON-NEGATIVE MATRIX FACTORIZATION AND LONG SHORT-TERM MEMORY

Felix Weninger; *Technische Universität München*

AUDIOVISUAL CLASSIFICATION OF VOCAL OUTBURSTS IN HUMAN CONVERSATION USING LONG-SHORT-TERM MEMORY NETWORKS

Stavros Petridis; *Imperial College London*

PANEL DISCUSSION

Panel Discussion

“What is the most promising approach that you can imagine so far towards dealing with Audio/Visual Detection of Non-Linguistic Vocal Outbursts?”

“What are the most challenging problems we all have to face in this respect?”

“How can we better combine audio- and video-based approaches?”

“Which will be first applications?”