



EUROPEAN UNION  
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## 30<sup>th</sup> annual conference of the International Association for Forensic Phonetics and Acoustics

**Monday, July 11, 2022**

9:00	Registration	
9:30	Conference opening	
9:40	<b>Vincent Hughes, Carmen Llamas and Thomas Kettig</b> A game-based approach to eliciting and evaluating likelihood ratios for speaker recognition	
10:00	<b>Fernanda Lopez-Escobedo and N. Sofía Huerta-Pacheco</b> Web application that generates reference values of acoustic parameters for forensic studies in Mexican Spanish	
10:20	<b>Elliot Holmes</b> Recognising socio-phonetically comparable speakers using phonetic approaches to automatic speaker recognition	S
10:40	<b>Finnian Kelly, Harry Swanson, Kirsty McDougall and Anil Alexander</b> Classifying non-speech vocalisations for speaker recognition	
<i>11:00 - 11:30 Coffee break</i>		
11:30	PLENARY TALK <b>Francis Nolan</b> Will forensic speech scientists still need ears?	
<i>12:15 - 13:45 Lunch</i>		
13:45	<b>Kristina Tomić and Peter French</b> Voice quality and voice similarity in cross-language forensic speaker comparison – Perception experiments	S
14:05	<b>Valeriia Perepelytsia, Nathalie Giroud, Tugce Aras, Martin Meyer and Volker Dellwo</b> Neural underpinnings of familiar talker advantage: an EEG study	S
14:25	<b>Francis Nolan, Nikolas Pautz, Kirsty McDougall, Katrin Müller-Johnson, Harriet Smith and Alice Paver</b> The impact of reflection and retention intervals on earwitness accuracy: Two experiments	
<i>14:45 – 15:15 Coffee break</i>		

15:15	<b>Jim Hoskin and Paul Foulkes</b> Shifting the Burden: towards more robust and transparent procedures for LADO	S
15:35	<b>James Tompkinson, Kate Haworth, Emma Richardson, Felicity Deamer and Magnus Hamann</b> For the Record: Improving standards in the production of non-expert police interview transcripts	
16:00 – 17:30 Poster session I		
18:00	Students' meeting	

## Tuesday, July 12, 2022

9:00	<b>Ben Gibb-Reid, Paul Foulkes and Vincent Hughes</b> Just the way you are: The potential of the word just as a speaker discriminant	S
9:20	<b>Laura Smorenburg and Willemijn Heeren</b> The effect of linguistic contexts on the acoustics and strength-of-evidence of /s/	S
9:40	<b>Alice Paver, Natalie Braber and David Wright</b> Listener judgements for social traits and criminal behaviours as a function of speaker pitch and articulation rate	
10:00	<b>Nikita Suthar and Peter French</b> Role of within-vowel formants in forensic speaker comparison	S
10:20 – 10:50 Coffee break		
10:50	PLENARY TALK <b>Susanne Fuchs</b> Flexibility and stability of respiration in human actions	
11:50 – 13:20 Lunch		
13:20	<b>Leah Bradshaw and Volker Dellwo</b> Speech variability in telephone openings and its implications for speaker discrimination	S
13:40	<b>Luke Carroll and Georgina Brown</b> Towards a perceptual rhythm framework for forensic analysis: methodological developments	S
14:00 – 15:30 Poster session II		
15:30 – 16:00 Coffee break		
16:00	AGM	
19:00 – 23:00 Conference dinner		

## Wednesday, July 13, 2022

10:00	<b>PLENARY TALK</b> <b>Petr Schwarz</b> Current trends in voice biometry research and industrial efforts
10:50	<b>Simon Gonzalez</b> An acoustic-phonetic description of diphthongs in Venezuelan Spanish
11:10 – 11:40 <i>Coffee break</i>	
11:40	<b>Honglin Cao, Chuyi Pan and Lei He</b> Speech length threshold in forensic voice comparison by using long-term fundamental frequency in Chinese Mandarin
12:00	<b>Arjan van Dijke</b> Case report: Forensic analysis of a ticking clock in a recording
12:20	<b>Vincent van Heuven and Sandra Ferrari Disner</b> Utility of length-normalization for predicting trademark sound-alikes from Levenshtein string edit distance
12:40	<b>Willemijn Heeren, Laura Smorenburg and Erica Gold</b> Optimizing the strength of evidence: Combining segmental speech features
13:00	Conference closing

## Poster session I

Monday, July 11, 16:00 – 17:30

PB = poster board

PB 1	<b>Jakub Bortlík</b> The performance of two ASR systems in language mismatch, foreign accent, and channel mismatch conditions	
PB 2	<b>Leah Bradshaw, Chiara Tschirner, Lena Jäger and Volker Dellwo</b> Using eye-tracking as a method to explore decision making in voice recognition tasks	
PB 3	<b>Linda Gerlach, Kirsty McDougall, Finnian Kelly and Anil Alexander</b> Seeking voice twins – an exploration of VoxCeleb using automatic speaker recognition and two clustering methods	
PB 4	<b>Lauren Harrington</b> The effect of listener accent background on the transcription of Standard Southern British English	
PB 5	<b>Alžběta Houzar, Tomáš Nechanský and Radek Skarnitzl</b> Impact of vocal tract resonance modifications on LTF and f0	S
PB 6	<b>Vincent Hughes and Bruce Wang</b> Forensic experts should focus on uncertainty rather than discriminability	
PB 7	<b>Katharina Klug</b> Assessing the specificity of creaky voice quality for forensic speaker comparisons	

PB 8	<b>Carolina Lins Machado and Lei He</b> Inter-speaker variability in the American English /æ/ and /ɑ/: a dynamic view from both tongue articulation and the first two formants	
PB 9	<b>Sarah Melker</b> Salient cues to age identity in an LX: a longitudinal pilot study on a female L1 Hungarian speaking English	
PB 10	<b>Sophie Möller and Gea de Jong-Lendle</b> When singing becomes illegal	
PB 11	<b>Bryony Nuttall, Phillip Harrison and Vincent Hughes</b> Automatic Speaker Recognition performance with (mis)matched bilingual speech material	
PB 12	<b>Elisa Pellegrino, Homa Asadi and Volker Dellwo</b> Voice discrimination across speaking styles	
PB 13	<b>Sascha Schäfer and Paul Foulkes</b> Voice memory as an estimator variable in lay speaker identification tasks	<b>S</b>
PB 14	<b>Ravina Toppo and Sweta Sinha</b> Unmasking identity through acoustic analysis: A case study of Indian English	
PB 15	<b>Raphael Werner, Juergen Trouvain and Bernd Möbius</b> Speaker discrimination and classification in breath noises by human listeners	

## Poster session II

Tuesday, July 12, 14:00 – 15:30

PB 1	<b>Homa Asadi, Maral Asiaee and Volker Dellwo</b> Acoustic variation within Persian-English bilingual speakers	
PB 2	<b>Meike de Boer and Willemijn Heeren</b> Language-dependency of /s/ in L1 Dutch and L2 English	<b>S</b>
PB 3	<b>Ricky K.W. Chan and Bruce Xiao Wang</b> Evidential value of long-term laryngeal voice quality acoustics	
PB 4	<b>Lois Fairclough</b> Exploring covariation as a marker of speaker specificity	
PB 5	<b>Andrea Fröhlich, Volker Dellwo and Meike Ramon</b> The quest to find auditory ‘Super-Recognizers’ - Results from a pilot study	
PB 6	<b>Bence Halpern and Finnian Kelly</b> Can DeepFake voices steal high-profile identities?	
PB 7	<b>Lauren Harrington, Robbie Love and David Wright</b> Analysing the performance of automated transcription tools for covert audio recordings	<b>S</b>
PB 8	<b>Vincent Hughes, Paul Foulkes, Philip Harrison, David van der Vloed and Finnian Kelly</b> Person-specific automatic speaker recognition: understanding the behaviour of individuals for applications of ASR	
PB 9	<b>Jacek Kudara and Bernd Möbius</b> Auditory and machine-based identification of closely related languages: A comparison of methods for LADO procedure	

PB 10	<b>Beeke Muhlack, Jürgen Trouvain and Michael Jessen</b> Acoustic characteristics of filler particles in German	
PB 11	<b>Amanda Muscat</b> Speaker/author profiling in Maltese	
PB 12	<b>Tomáš Nechanský, Alžběta Houzar and Radek Skarnitzl</b> The effect of free voice-disguise methods on ASR performance	<b>S</b>
PB 13	<b>Vojtěch Skořepa and Radek Skarnitzl</b> Notorious and new voice: How does a professional imitator fare?	<b>S</b>
PB 14	<b>Bruce Wang and Vincent Hughes</b> Reducing the degree of uncertainty within automatic speaker recognition systems using a Bayesian calibration model	
PB 15	<b>Samantha Williams</b> Analysis of Forced Aligner Performance on Non-native (L2) English Speech	<b>S</b>