

AVFA'10 FINAL TIMETABLE



COST 2103: 4th Advanced Voice
Function Workshop AVFA'10
Merchant Taylors' Hall
York, England

19th - 20th May 2010

<http://www-users.york.ac.uk/~dmh8/DMH-web-COST2103-York-2010/index.htm>

TUESDAY 18 th May 2010		
15.15	Choral Evensong	York Minster
19.00	Welcome to York!	Short walking tour of City of York with our own Guide Meet at the South Door of the Minster , next to the Statue of Constantine (see online map) for prompt 19:15 start! Tour lasts approx 1 hour and will be followed by a visit to a local pub.
WEDNESDAY 19 th May 2010		
08:00	REGISTRATION	
08:45	WELCOME: David M Howard (AVFA'10 General Chair)	
INVITED KEYNOTE 1		
08:50	Patrick Naylor	Recent Advances and Future Strategies for Speech Processing
WS1: Voice source analysis 1 (20 min slots: presentations- 15; Qs – 4)		
09:35	Lionoudaki & Stylianou	On the derivative of the EGG Signal for determining GCIs and GOIs
09:55	Kafentzis & Stylianou	A frequency domain approach for the determination of the glottal opening instant in EGG waveforms
10:15	Murphy	Normalised Time of Increasing Contact for Different Loudness Levels
10:35	COFFEE	
WS2: Voice source analysis 2 (20 min slots: presentations- 15; Qs – 4)		
11:00	Libeaux, Ternström & Henrich	Spectrum variations in the electroglottographic signal related to voice sound pressure level
11:20	Kafentzis, Stylianou, Alku, & Neumann	Evaluation of inverse filtering approaches using subglottic data
11:40	Manfredi, Bocchi, Calisti, G. Cantarella & Peretti	Assessing the performance of a new tool for videokymographic images analysis
12:00	Sáenz-Lechón, Fraile, Godino-Llorente, Fernández-Baíllo, Osma-Ruiz, Gutiérrez-Arriola & Arias-Londoño	Towards objective evaluation of perceived roughness and breathiness based on Mel-frequency cepstral analysis
12:20	Astrinaki, Kiagiadaki, Vasilakis & Stylianou	Correlations between subjective and objective assessments of voice quality
13.00	LUNCH	
14:00	WS3: Voice assessment	

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<i>(20 min slots: presentations- 15; Qs – 4)</i>		
14:00	Schoentgen, Fraj & Grenez	Experimenting with a synthesizer of disordered voices
14:20	Speed, Howard & Murphy	Developing and manipulating models of the vocal tract using VTK
14:40	Horacek, Vampola, Laukkanen & Svec	Finite element simulation of vocal exercising effects on phonation
15:00	Kiagiadaki, Chlouveraki & Bizakis	The use of quality of life questionnaires for the assessment of patients operated for benign laryngeal lesions: Comparative study of VHI and VoiSS in the Greek language
15:20	Alpan, Schoentgen & Grenez	Automatic multi-category classification of disordered voices
15:40	TEA	
WP4: Voice analysis methods <i>(20 min slots: presentations- 15; Qs – 4)</i>		
16:00	Fourcin	The future use of hearing in clinical voice measurement
16:20	Orlandi, Risaliti, Manfredi, Bocchi & Donzelli	Automatic extraction of cry episodes from newborn infant cry recordings
16:40	Pabon	Instantaneous frequency modelling of dynamic F0 and SPL variation
17:00	Dejonckere, Moerman, & Martens	Advanced acoustic analysis of substitution voices
17:20	Pabon	Towards a more flexible assessment of time/frequency grouping
17:40	Davis	Improve the voice by using the ear and the brain
18:00	END OF SESSIONS	
20:00	Workshop Dinner	Merchant Taylors' Hall

THURSDAY 20th May

INVITED KEYNOTE 2

08:45	Julian McGlashan	Clinical applications of Speech analysis
WP5: Pathological voice assessment <i>(20 min slots: presentations- 15; Qs – 4)</i>		
09:30	Vaičiukynas, Gelžinis, Bačauskienė, Verikas & Vegiene	Fusing GMM and SVM for human voice-based classification of larynx pathology
09:50	Arias-Londoño, Godino-Llorente, Markaki & Stylianou	On combining information from Modulation Spectra and Mel-Frequency Cepstral Coefficients for automatic detection of pathological voices
10:10	Vicsi, Klara.-Imre & Viktor	Voice disorder detection on the base of continuous speech
10:30	COFFEE	
WS6: Professional voice assessment <i>(20 min slots: presentations- 15; Qs – 4)</i>		
11:00	Lindström, Karjalainen, Södersten & Ternström	Voxlog: a new voice accumulator using both accelerometer and microphone sensors
11:20	Koutsogiannaki, Pantazis, Stylianou & Laukkanen	Can vocal tremor features indicate vocal loading?

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11:40	Barlow	Changes in singer performance with different acoustic environment	
12:00	<i>Svec, Horacek, Vampola, Herbst, Miller, Havlik, Krupa & Lejska</i>	Acoustic and ariculatory adjustments in operatic singing: Spectral analysis and magnetic resonance imaging	
12:20	<i>Vampola & Horáček</i>	Comparison of geometrical and acoustical characteristics of human supraglottal spaces for ordinary and singing voice using finite element models	
12:40	<i>Kirchhübel, Daffern & Howard</i>	A summary of the acoustical correlates of stress in speech	
13:00	LUNCH		
14:00		COST 2103 meetings	
15:30	TEA		
16:00		COST 2103 meetings	
17:00	END		
17:15		Choral Evensong	York Minster
18:30		Public engagement event	Bootham Shool, followed by group meal in town

	FRIDAY		
08:45		COST 2103 meetings	
10:45	COFFEE		
11:00		COST 2103 Committee Meeting	
13:00	LUNCH		
14:00	End: Have a safe journey home!		