

AES 45th International Conference Planner (version 25.1.2012)

		Thursday 1.3.2012	Friday 2.3.2012	Saturday 3.3.2012	Sunday 4.3.2012			
		Sessions in Aalto University	Sessions in Auditorium, Dipoli	Sessions in Auditorium, Dipoli	Sessions in Auditorium, Dipoli			
900			Invited <i>Anssi Klupari</i> : Time-frequency processing of music signals	Invited <i>Karlheinz Brandenburg</i> : 35 years of time-frequency domain based audio coding	<i>Bliem et al.</i> : A Robust Audio Watermarking System for Acoustic Channels	900		
925			TF-processing of audio	<i>Battenberg et al.</i> : Live Drum Separation Using Probabilistic Spectral Clustering Based on the Itakura-Saito Distance	<i>Mendonca et al.</i> : On the Adaptation to Non-individualised HRTF Auralisations: A Longitudinal Study	<i>Sirdey et al.</i> : ESPRIT in Gabor frames	925	
950				<i>Mazhar et al.</i> : Automatic Scoring of Guitar Chords	Coffee break	Coffee break	1015	
1015			Coffee break	Spatial sound	<i>Cobos et al.</i> : On the Use of Small Microphone Arrays for Wave Field Synthesis Auralization	<i>Hamilton et al.</i> : Comparisons of Parameter Estimation Methods for an Exponential Polynomial Sound Signal Model	950	
1040			TF-processing of audio		<i>Jylhä et al.</i> : Sonic Handprints: Person Identification with Hand Clapping Sounds by a Model-Based Method	<i>Fink et al.</i> : Feasibility of Virtual Auditory Display Customization through Principal Component Modeling	Coffee break	1040
1105				<i>Härmä</i> : Detection of audio events by boosted learning of local time-frequency patterns	<i>Pihlajamäki et al.</i> : Projecting Simulated or Recorded Spatial Sound onto 3D-Surfaces	<i>Wefers et al.</i> : Optimal filter partitions for non-uniformly partitioned convolution	1105	
1130				<i>Shenoy et al.</i> : Spectral Zero-Crossings Alone Enable Reliable Estimation of Interaural Time Difference	<i>Franck et al.</i> : Efficient Rendering of Directional Sound Sources in Wave Field Synthesis	<i>Murakami et al.</i> : Generation Mechanisms of Two-tone Suppression using Cochlear Model	1130	
1155						<i>Takenen et al.</i> : A Binaural Auditory Model for the Evaluation of Reproduced Stereophonic Sound	1155	
1220				Lunch	Lunch	Closing	1220	
1245						Lunch	1245	
1310			Registration and Academic demonstrations	Outdoor social event winter sports and games on sea ice and/or on sea shore	Psychoacoustics and hearing		1310	
1330						<i>Ahonen et al.</i> : Parametric spatial sound processing applied to bilateral hearing aids		1330
1355						<i>Siederburg et al.</i> : Audio Denoising by Generalized Time-Frequency Thresholding		1355
1420						<i>Primavera et al.</i> : Audio Morphing for Percussive Hybrid Sound Generation		1420
1445						<i>de Paiva et al.</i> : Economical modeling of high-order nonlinear audio systems using swept-sine and principal component analysis		1445
1510				Coffee break		1510		
1535				Invited <i>Torsten Dau</i> : Human auditory signal processing in complex acoustic environments		1535		
1600		Opening (15 min)	TF-representation of audio	<i>Fujinoki et al.</i> : Automated Evaluation for Button Sounds from Wavelet Based Features	<i>Rämö et al.</i> : Perceptual Frequency Response Simulator for Music in Noisy Environments	1600		
1625	Tutorial	Bernd Eder: Mathematic background for time-frequency processing of audio		<i>Sreenivasa et al.</i> : Fast Implementation of Audio Crosstalk Cancellation on DSP processors	<i>Prodi et al.</i> : Listening efficiency testing	1625		
1650				<i>Gnann et al.</i> : Multiresolution STFT Phase Estimation with Mutual Initialization	<i>Sciabica et al.</i> : Dissimilarity test modelling by time-frequency representation applied to engine sound	1650		
1715				Coffee break		1715		
1740				<i>Wakisaga et al.</i> : Generalized MMSE STSA Estimator with ICA-Based Noise Estimation and Speech Prior Identification for Binaural Hearing Aids		1740		
1805			<i>Yaki et al.</i> : Music Signal Separation by orthogonality and maximum-distance constrained nonnegative matrix factorization with target signal information		1805			
1830			<i>Vilkamo et al.</i> : Optimal Mixing Matrices and Usage of Decorrelators in Spatial Audio Processing			1830		
1900		Welcome dinner	<i>Olivero et al.</i> : Sound Morphing Strategies based on alterations of Time-Frequency representations by Gabor Multipliers			1900		
1930				Banquet at Hotel Linna, downtown Helsinki Bus transfer from Radisson Blu, Espoo		1930		
2000						2000		
2030						2030		
2100			Poster session and finger food dinner After the session bus transfer to downtown Helsinki			2100		
2130						2130		
2200						2200		
2230						2230		
2300						2300		

Sponsors:



Posters	<i>Necciari et al.</i> : Perceptual Optimization of Audio Representations Based on Time-Frequency Masking Data for Maximally-Compact Stimuli	Posters	<i>van Nimwegen et al.</i> : Sociability Evaluation of a Prototype Audio Spatialisation System for Teleconferencing and Group Communication Tasks	Posters	<i>Llerena et al.</i> : Comparing two methods based on time-frequency analysis to estimate the instantaneous mixing matrix in blind audio source separation
	<i>Timoney et al.</i> : A homomorphic interpretation of the complex FM expansion		<i>Primavera et al.</i> : Mixed Time-Frequency approach for Multipoint Room Response Equalization		<i>Daniel et al.</i> : Parametric Spatial Audio Coding Based on Spatial Auditory Blurring
	<i>Takanen et al.</i> : Audibility of coloration artifacts in HRTF filter designs		<i>Nakanishi et al.</i> : Modeling system for the cocktail party effect		
	<i>Gabrielli et al.</i> : Ibrida: a new DWT-domain sound hybridization tool		<i>Ayllon et al.</i> : Three-Dimensional Microphone Array for Speech Enhancement in Hands-Free Systems for Cars		