

112th AES CONVENTION PLANNER

SUNDAY, MAY 12

Start Time	Hall 4	Exh. Halls	PAPER SESSIONS				PAPER SESSIONS & WORKSHOP				WORKSHOPS, STUDENTS, HISTORICAL, TC MEETINGS					Start Time	NOTES																		
			Room K3		Room K4		Room K2				Room K1	Room C115	Room C123	Room D120	Room D121			Technical Tours	Cultural Tour																
8:00																		8:00																	
8:30																		8:30																	
9:00			I: PSYCHOACOUSTICS, PERCEPTION AND LISTENING TESTS p.74	I1 Smart Acoustic Volume Controller for Mobile Phones	J1 Spectral Band Replication - Novel Approach in Audio Coding	J: LOW BIT RATE AUDIO CODING - PART 1 p.78	J2 Parametric Coding for High-Quality Audio	SEMINAR: LOIDSPEAKER ARRAYS Paper Session Q (p.106) and Roundtable W12 (p.43)	R1 Near-Field Analysis and Optimization of a LS Array	W10 5.1 Surround Sound for HDTV p.40									9:00																
9:30		I2 Point Modeling of Speech Qual. in Mobile Comm. Based on MDS		J3 Differential Variable Length Codes and Aps to MPEG AAC	R2 Intensity Measurements of the Ac. Emission from a DML Panel																9:30														
10:00		I3 Subj. Eval. of Perceived Spatial Differences in Car Audio Systems		J4 Implementation of MPEG-2/4 AAC Natural Audio Coders	R3 Distributed Mode Loudspeaker Arrays																		10:00												
10:30		I4 The Continuity Illusion in Virtual Auditory Space		J5 How to Improve Quantization Perform. over the Scalable AAC	R4 Multich. Filtering of Distributed Mode LSs for Wavefield Synthesis																			10:30											
11:00		I5 Perception of Broadband Noise Presented in Virt. Auditory Space		J6 Maintaining Audio Quality in the IBOC Era	R5 Signal Proc.and Source Char. for Aps in Synthetic LS Arrays																			11:00											
11:30		I6 Binaural Modeling of Multiple Sound Source Perc.: Coloration		J7 SBR Enhanced Audio Codecs for Dig. Broadc. Such As DRM	W12 Loudspeaker Arrays (Roundtable with all Authors from Paper Session R) p.43																			11:30											
12:00		I7 Relative Hierarchy of Audible Cues in Conflict		J8 Enhancing MP3 with SBR: The New MP3PRO Algorithm																					12:00										
12:30		I8 Multidim. Perceptual Scaling of Tone Color Variat. in 3 Guitar Amps																							12:30										
13:00																					13:00														
13:30																					13:30														
14:00			K: SURROUND SOUND RECORDING p.82	K1 Room-Acoust./ Techn. Aspects for Class. Multich. Sound Rec.	L1 Perceptual Coding Using Sinusoid. Model in MDCT Domain	L: LOW BIT RATE AUDIO CODING - PART 2 p.86	L2 Energy-Adapted Matching Pursuits in Models for Audio Cod.	X: SIGNAL PROCESSING FORUM - PART 1 p.108	X1 Importance of Precision on Performance for Dig. Audio Filters	W11 Digital Audio Signal Processing p.41	Producer Seminar, Student Sess. p.26	Exhibition of Historical Items p.7	TC: Perception	TC: Trans-mission	TT5 MSM Studio p.23	TT6 Nationaltheater (Opera house) p.23	CT4 p.18 Residenz München					14:00													
14:30		K2 Subj. Audio Qual. in Multichann. A/V Systems - Part I		L3 Perc. Audio Modeling Based on Total Least Squares Algorithms	X2 Transform Structures for Impl. on Semi-Parallel DSP Architectures																										14:30				
15:00		K3 Effect of Rear Microphone Spacing on Spatial Impression		L4 High-Order LPC and Line Spectrum Pairs	X3 Trellis Noise-Shaping Converters and 1-Bit Digital Audio																												15:00		
15:30		K4 Stereo and Surround Panning in Practice		L5 A New Bit Allocation Method for Low Delay Cod. at Low Bit Rates	X4 Enhanced Sigma Delta Structures for SACD Applications																													15:30	
16:00		K5 AB-Polycardioid Centerfill is Superior for Symph. Orch. Rec.		L6 Binaural Cue Coding Applied to Stereo and Multich. Audio Comp.	X5 Improved Compression of DSD for Super Audio CD																													16:00	
16:30		K6 A Microphone Array for Surround Sound Recording		L7 Why Binaural Cue Coding is Better Than Intensity Stereo Cod.	X6 Time-Quantized FM with Time Disp. Codes for Sigma-Delta Mod.																													16:30	
17:00		K7 Multich. Mic Array Design: Segment Coverage Analysis		L8 Analyzing Decompressed Audio with the 'Inverse Decoder'	X7 Effect of Idle Tone Structure on Eff. Dither in Delta-Sigma Mod.																													17:00	
17:30		K8 The Recording Angle - Based on Localization Curves			X8 Better Understanding of 1-Bit Sigma-Delta Modulators - Part 3																													17:30	
18:00				X9 Noise Shaping for Measuring Dig. Sinusoidal Sign. W. Low THD																			18:00												
18:30																							18:30												
19:00			AES BANQUET Alter Rathaussaal Start: 19:00 h Ticket Price: EUR 75,-																19:00																

Page Numbers (p.xx) refer to Descriptions in Convention Program booklet