

RS24 : Immersive audio.

Held at Barcelo Old Ship Hotel, Brighton between 19/11/2008 and 21/11/2008

24.01	Fun tutorial and quiz	Trevor Cox et al	University of Salford
24.02	The importance of the direct to reverberant ratio in the perception of distance localisation, clarity and envelopment	David Griesinger	Harman Specialist Group
24.03	The effect of visual stimuli on the percepton of 'natural' loudness and equalisation	Philip Newell et al	Consultant
24.04	The effect of diffuser on low frequency modes	Jamie Angus	University of Salford
24.05	Timbral correction of loudspeaker systems based on measured reverberation time	Peter Chapman	Consultant, Denmark
24.06	Acoustic geometry sculptor - a computer program for optimising room surfaces	Michael Whitcroft	Sandy Brown Associates
24.07	Real world line array optimisation	Ambrose Thompson	Martin Audio Ltd
24.08	Alcons pro-ribbon transducer technology	Tom Back	Alcons Audio BV, Netherlands
24.09	Microphone techniques for surround sound: how many microphones and where to put them?	David Carugo	Oxford Brookes University
24.1	Evaluating loudspeaker reproduction quality at low frequencies: optimisation of a music-focussed modulation transfer function technique	Lara Harris	ISVR Universtiy of Southampton
24.11	Acuracy issues in loudspeaker simulation	Patrick Macey	PACSYS Ltd
24.12	Insights into loudspeaker diaphragm radiation using the finite element method	Kelvin Griffiths	Harman Becker Automotive Systems
24.13	A new methodology for the acoustic design of compression driver phase-plugs with concentric annular channels	Mark Dodd	Celestion
24.14	Wii are the music makers	Matt Trevor	University of Derby
24.15	Multi-channel sound reproduction	Phil Nelson	University of Southampton

24.16	Has ambisonics come of age?	Bruce Wiggins	University of Southampton
24.17	Auralisation level calibration	Serafino Di Rosario et al	Buro Happold
24.18	Assessing the potential intelligibility of deaf aid loop and other assistive audio systems	Peter Mapp	Peter Mapp Associates
24.19	Optimisation of speech intelligibility in multisource environments using delay spread minimisation	Evert Start	Duran Audio, Netherlands
24.2	Speech transmission index: too weak in time and frequency?	Thomas Steinbrecher	Bose Professional Systems, Germany
24.21	Early reflections in mobile sound control rooms	Bob Walker	Consultant
24.22	3-dimensional room impulse response measurements in critical listening spaces	Bruno Fazienda	University of Huddersfield
24.23	Time-frequency analysis – comparison of popular transforms	Steve Temme	Listen Inc
24.24	Taking head movements into account in measurement of spatial attributes	Russell Mason	University of Surrey
24.25	A method for the real-time processing of arbitrary cycles of a periodic signal	Pere J Villez	University of Portsmouth
24.26	C'mon feel the noise (or how green is my sound?)	Stephen Jones	Steve Jones Associates
24.27	Measuring system performance under real world conditions	Wolfgang Ahnert	Ahnert Feistel Media Group