

RS17 : Measuring, modelling or muddling. Held at Stratford Hotel, Stratford between 16/11/2001 and 18/11/2001

17.01	Application of the finite element method to model the non linear voice coil motion produced by a loudspeaker magnet assembly	Mark Dodd	Celestion KEF
17.02	Non-linear distortion in professional sound systems from voice coil to listener	Alexander Voishivillo	Cerwin Vega Inc
17.03	Acoustic optimisation using finite and boundary elements	Patrick macey	Pacsys Ltd
17.04	Increasing the acoustic compliance of loudspeaker cabinets	Julian Wright	KEF
17.05	The Yamaha NS10M: Twenty years a reference monitor. Why?	Philip Newell et al	Reflexion Arts
17.06	Improving the intelligibility of aircraft PA systems	Peter Mapp	Peter Mapp Associates
17.07	Development of an accurate, handheld, simple-to-use meter for the prediction of speech intelligibility	HJM Steenken et al	TNO Human Factors
17.08	Extracting STI from arbitrary running speech	Trevor Cox	University of Salford
17.09	Making computer speech intelligible	Mark Tatham	University of Essex
17.1	The measurement of speech intelligibility	Herman Steenken	TNO Human Factors
17.11	Standards of voice alarms	Peter Mapp	Peter Mapp Associates
17.12	Acoustic modelling - approximations to the real world	Bob Walker	BBC
17.13	Computer modelling with CATT- Acoustic - theory and practice of diffuse reflection and array modelling	Adrian James et al	Adrian James Acoustic Design
17.14	Analysis of DDS-controlled loudspeaker arrays by near field acoustic holography	Evert Start et al	Duran Audio
17.15	Loudspeaker array prediction	Roger Schwenke	Meyer Sound Laboratories
17.16	Merging EASE for sound reinforcement systems and CEASAR for room acoustics	O Schmitz et al	Institut fur Technische Akustik

17.17	Room acoustics modelling using digital waveguide mesh structures	Damien Murphy et al	University of York
17.18	SYSNOISE and RAYNOISE: modelling sources, interior and exterior sound	Colin McCulloch	Dynamic Structures and Systems
17.19	ODEON – a design tool for auditorium acoustics, noise control and loudspeaker systems	Claus Lynge Christensen	Technical University of Denmark
17.2	Applications of PAFEC Vibroacoustics to the audio industry	Patrick macey	SER UK
17.21	In ray tracing we trust? A users view of ray tracing based room modelling	Don Peters et al	Arup Acoustics
17.22	Loudspeakers for humans	John Watkinson	Celtic Audio Ltd
17.23	Some requirements for an ideal loudspeaker controller for directionally controlled arrays	Sam Wise	Arup Acoustics
17.24	Standards for acoustic measurements – who, why and where now?	Adrian James et al	Adrian James Acoustic Design
17.25	Sound Power – the forgotten loudspeaker parameter	Peter Mapp	Peter Mapp Associates
17.26	Tailoring the total radiation pattern of a group of loudspeakers	Glenn Leembruggen	Arup Acoustics
17.27	Far-field radiation from a source in a flat rigid baffle of finite size	Joerg Panzer	NXT
17.28	Detection of speech in the presence of delayed same signal reinforcement	Krissada Vivatvakin et al	ISVR University of Southampton
17.29	The views of recording studio control room users?	Bruno Fazenda et al	University of Salford
17.3	Achieving effective dither in the super audio CD format	James Angus	University of Salford