

REPRODUCED SOUND 2026

MEASURED, MODELLED, HEARD.

MONDAY, 16th NOVEMBER

17:00 Registration

20:00 Monday evening demonstration: Coda Audio showcasing their latest technologies and products

The evening will be hosted by Robin Dibble from Coda Audio, supported by George Puttock from Adlib, Coda's UK distribution partners. The demo will look at key products from their range, including their new Wid Band Cardioid ViForce line array modules and their partner subwoofers.

TUESDAY, 17th NOVEMBER

08:00 Registration and refreshments

08:50 Conference opening and welcome address

EAG Chairman, Ludovico Ausiello

PETER BARNETT MEMORIAL AWARD and LECTURE

09:00 Peter Barnett Memorial Award presentation

IOA President, Paul Shields (TBC)

09:10 From Stereo to Surround and Back Again

Bruce Wiggins

10:10 Refreshments

SESSION 1: MEASUREMENT, MODELLING + EVALUATION 1

Chair: Ludovico Ausiello

10:30 Investigating metrics to characterise the acoustic interactions between sound systems and rooms

DB Moore, P Basilo, E Corteel, O Hafstein Pjetursson, N Epain, P Coleman, L-Acoustics, Treble Technologies

11:00 Comparison of Measurements made in a Tetrahedral Test Chamber to those made in an Anechoic Chamber

Geoff Hill, Hill Acoustics

11:30 Concealed Loudspeaker Systems in Venue Acoustic Simulations

Emad El-Saghir, Dar, UK

SESSION 2 - AUDIO SIGNAL PROCESSING + SYSTEM DESIGN

Chair: Glenn Leembruggen

12:00 Applying Modern Spline Based Sampling To Digital To Analogue Conversion

Jamie Angus-Whiteoak, Consultant

12:30 Affordable Embedded Measurement System for Acoustic Musical Instruments Based on Microcontroller and Bluetooth Interface

Andrea Catellani, Ludovico Ausiello, Fabrizio Pancaldi, University of Portsmouth

13:00 Lunchbreak**SESSION 3 - LOUDSPEAKERS 1**

Chair: Keith Holland

14:00 True or False? Do line-array loudspeakers produce a distance attenuation of 3 dB per distance-doubling?

Glenn Leembruggen, Acoustic Directions, Australia

14:30 Simulated free-field (quasi-anechoic) measurements of loudspeakers in small rooms using far-field, nearfield and semi-nearfield measurements

Andrew Watson, Stonegate Acoustics Ltd

15:00 Sound field control for multiple listeners using linear and nonlinear approaches

Vlad Paul, Philip Nelson, ISVR

15:30 Simulation-Driven Equalization of Curved Line Arrays Using a Single-Enclosure Impulse Response

Lukas Göllies, Matthias Frank, Franz Zotter, Institute of Electronic Music and Acoustics, Austria

16:00 Refreshments**SESSION 4 - POSTER SESSION 1****16:00 Structure-Borne Vibration as a Supplement to Live Sound Reinforcement**

Michael Klett, Adam Hill, University of Derby

16:00 DNN-based control filter prediction in a head-tracked active headrest system

Yuteng Liu, ISVR

SESSION 5 - DIVERSITY

Chair: Mark Bailey

16:30 Diversity: Encouraging and welcoming more people into our industry

Chair/Presenter: Mark Bailey

SESSION 6 - MEASUREMENT, MODELLING + EVALUATION 2

Chair: Letizia Chisari

17:00 Comparing sound system optimization workflows within free-field and environmental acoustic simulation tools

DB Moore, P Basilio, S Böldt, YG Gicquel, T Mouterde, E Corteel, L-Acoustics

17:30 Room Acoustic Analysis by a 2.5 Dimensional Boundary Element Method

Patrick Macey, PACSYS

18:00 Apples v Oranges. How can you compare?

Mark Bailey, MBAV Ltd.

18:30 EAG AGM**19:30 Conference Reception and Dinner**

WEDNESDAY 18th NOVEMBER

08:00 Registration and refreshments

SESSION 7 - IMMERSIVE AUDIO

Chair: David Carugo

09:00 A Review of Spatial Impulse Response Encoding Techniques and its validation

Dongin Kim, Filippo Fazi, ISVR

09:30 Creative Uses of Reverb to Construct Liminal and Hyperreal Spaces in Atmos Mixes

Helen Noir, Guildhall School of Music & Drama

10:00 Design of a cylindrical loudspeaker for an immersive audio listening environment

Jonathan Hargreaves, Bruno Fazenda, Sean Nielsen, Faraz Falahi, University of Salford

10:30 Evaluating the Perceptual Boundaries of Time-of-Flight Variations in Immersive Sound Reinforcement

Lukas Rieder, Lukas Gölles, Institute of Electronic Music and Acoustics, Austria

11:00 Refreshments

SESSION 8 - POSTER SESSION 2

11:00 Sound, Gesture and Technology: Embodied Knowledge

Maria Morena, Freelance sound engineer, Brazil

11:00 Maintaining Dialogue Quality in Challenging Indian Shooting Locations

Jishnu Thankappan, Freelance sound designer, India

SESSION 9 - AUDIO SYSTEM DESIGN

Chair: Ludovico Ausiello

11:30 Designing to Commission: A case study on accuracy

Andrew Horsburgh, Bose Professional

12:00 Acoustic Compromise in Repurposed Heritage Buildings: Pragmatic Intervention for Sound Reinforcement

Mark Dring, Jon Burton, Kit Lane, University of Derby

12:30 Beyond Compliance: Is ESG Becoming the AV Industry's Next Competitive Advantage?

Lucy Bailey, MBAV Ltd.

13:00 Lunchbreak

SESSION 10 – PSYCHOACOUSTICS + INTELLIGIBILITY

Chair: Mark Bailey

14:00 De-emphasising the Cochlea: Merleau-Ponty, Pressure Change and the Lived Body

Jon Burton, University of Derby

14:30 The Inter-Aural Research Deficit in Sound Reproduction

Thomas Lund, Genelec

15:00 Speech Intelligibility and Acoustic Performance in Three UK Primary Schools: A Comparative Investigation

Ken Liston, Nottingham Trent University

15:30 Restoring Speech Intelligibility: Low-Cost Acoustic Mitigation of Rain Noise on Metal-Roofed Sub-Saharan Classrooms

Bhekisizwe Edwin Dlamini, BeeComb Workshop, Eswatini

16:00 Refreshments**SESSION 11 – LOUDSPEAKERS 2**

Chair: Andrew Horsburgh

16:30 Broadband 3D Acoustic Metasurfaces for Advanced Loudspeaker Radiation Control

Letizia Chisari, University of Sussex

17:00 JAX-ECM: Gradient-based optimisation of equivalent circuit models using automatic differentiation

James Hipperson, Funktion-One

17:30 A measurement-based approach to drum kit microphone technique

David Carugo, Oxford Brookes University

18:00 End of Conference