

Audio at Home
Advances in consumer audio technology for the home

Summary

Audio continues to be a vital part of home entertainment systems. Increasingly, it is required to complement accompanying video and to fit with consumers' lifestyles and home decor. The *Audio at Home* Conference examines how forward-thinking home audio providers can successfully embrace these new challenges to survive and prosper. The Conference explores the market place, industrial design and new high definition audio/video formats; it also examines how transducer and electronics design is adapting to the needs of the twenty-first century household.

This AES UK Section Conference presents a lively and informative programme of talks and seminars from respected engineers, designers, resellers, academics and market researchers, with plenty of opportunity for both formal and informal discussion.

Who Should Attend?

Anyone delivering audio into the home: audio equipment designers and manufacturers; audio system installers and resellers; audio content providers; broadcasters; telecom companies and ISPs; computer manufacturers.

AES Dinner

The AES Dinner will be on Friday 7th April at Sidney Sussex College, after the Conference ends. This Elizabethan College is a 'well-kept secret' – hidden behind a wall are its attractive rococo hall, medieval cellars and beautiful ancient gardens.

All are welcome to join the Dinner. The cost is £38.30 + VAT.

Conference Information

This two-day Conference will be held at New Hall college, Cambridge, UK starting at 09.30 on Thursday, 6th April 2006.

The registration fee is £298.00 + VAT for AES members, £348.00 + VAT for non-members and £84.00 + VAT for AES student members. This includes Conference documentation, lunch, refreshments and Thursday evening's dinner. Registration must be made in advance together with payment in full. Further details will be sent with your booking confirmation.

A one-day Audio Technical Education Day follows on from this Conference on Saturday, 8th April. The cost for the day is £35.00 including lunch and refreshments. A discounted rate of £25.00 is available for people also attending the Conference. Places are limited on the Audio Technical Education Day and will be allocated on a first-come first-served basis.

A registration form is enclosed and is also available on the AES UK Conference website www.aes.org/ukconference for booking by post or fax. Bookings may also be made by phone. The closing date for bookings is 29th March.

Overnight accommodation is available at New Hall college – see the registration form for details. Staying in the college will give you more opportunity to mix with other delegates and to experience the full ambience of a Cambridge University college.

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Audio Engineering Society

21st UK Conference



Audio at Home

Advances in consumer audio technology for the home

Co-Chairmen
John Dawson and David Errock

6 – 8 April 2006

New Hall, Cambridge, UK



Audio at Home – Advances in consumer audio technology for the home

Thursday 6th April 2006
09:30 – 18:00

Introduction

John Dawson, Conference Co-Chairman

Session 1: Home Audio – The Market

Chairman: John Dawson

What consumers want to buy
Nick Simon, GfK

www.gfk.com

COFFEE

Session 2: Industrial Design and Consumer Distribution

Chairman: David Errock

Industrial design for mass consumer products
Bob Brace, Nokia

www.nokia.com

The evolving industrial design of hi-fi
Allen Boothroyd, Cambridge Product Design

www.cpdesign.co.uk

Custom installers: the new high-end distributors
David Graham, Grahams Hi-Fi

www.grahams.co.uk

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Session 3: HD Audio with Video - Tutorial

Chairman: Mark Yonge

Tutorial part one - video primer
John Dawson, ARCAM

www.arcam.co.uk

Tutorial part two – HDMI physical interface
Bob Stuart, Meridian Audio

www.meridian-audio.com

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Session 4: New HD Formats and Coding

Chairman: Rhonda Wilson

New HD formats
Bill Foster, Understanding And Solutions

www.UandS.com

Audio coding for future entertainment formats
Tony Spath, Dolby

www.dolby.com

HD – Panel discussion

[Dinner at New Hall \(included\)](#)



Friday 7th April 2006
09:00 – 17:30

Session 5: Surround Loudspeakers in the Home

Chairman: Tim Harris

Multiple surround sound formats – cinema to the home
Laurence Claydon, Bell Theatre Services

www.bell-theatre.com

Unobtrusive audio: current trends and design considerations
Andrew Watson, KEF

www.kef.com

One-box surround sound
Tony Hooley, 1 Ltd

www.1limited.com

Surround with fewer speakers
Mark Dodd & Jack Oclew-Brown, KEF

www.kef.com

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Session 6: Bass Management and Active Loudspeakers

Chairman: John Dawson

Can we get the bass right?
Rhonda Wilson, Meridian Audio

www.meridian-audio.com

Active loudspeakers
Bob Stuart, Meridian Audio

www.meridian-audio.com

LUNCH

Session 7: Personal Audio

Chairman: Mark Dodd

Trends in mixed-signal ICs for the home audio market
Peter Frith, Wolfson Microelectronics

www.wolfsonmicro.com

Digital amplifiers – technology and applications
Steven Harris, D2Audio Corporation

www.d2audio.com

Headphone design, theory and applications
Mark Avis, Salford University

www.salford.ac.uk

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Session 8: Looking Behind the Scenes

Chairman: David Errock

Can high definition audio be broadcast to the home?
Peter Willison, GCap Media

www.gcapmedia.com

Audio is done, isn't it?
Keith Howard, Hi-Fi News

www.hifinews.co.uk & www.audiosignal.co.uk

Close of Conference

Dinner at Sidney Sussex College (optional)

The organisers reserve the right to alter the programme without notice