

Annual Conference

Wednesday 29 June 2016

Crowne Plaza Hotel, Birmingham B1 1HH

9.50am	Chairman's opening remarks
10.00am	<p>Low frequency noise in lightweight structures</p> <p>The L'_{nTw} impact sound insulation parameter does not consider frequencies below 100Hz. The session considers residents satisfaction with impact sound levels and the L'_{nTw} metric and emerging parameters from European research. It includes a live demonstration to determine how a floor reacts to a series of forced vibrations and examines the natural frequency response particularly at low frequency. It seeks to identify the point in which a lightweight floor can be critically damped. Lastly we consider the behaviour of lightweight versus heavyweight constructions.</p>
11.15am	Coffee and Tea break
11.30am	<p>Office Acoustics</p> <p>The session covers an overview of design parameters, starting with ISO 3382-3, Hongisto's design guidance, and draft French and German open-plan office guidance. An alternative psycho-acoustic approach to addressing open plan office acoustics is examined including the difference between introverts and extroverts in the workplace, use of 'groupings' and education of workers for a better acoustic environment. The session then focuses on case studies from Cundalls and Max Fordham utilizing objective and subjective approaches.</p>
12.45pm	LUNCH
1.30pm	<p>How to be an Expert Witness</p> <p>The final session looks at Expert Witness Work from enquiry to inquiry. We look at questions such as: What is the role of an expert witness? How do we write the (near perfect) report and Proof of Evidence? And what types of 'court' and 'inspector' can we expect? Lastly a barrister considers how to survive in the lions' den (also known as cross examination).</p>
2.45pm	Coffee and Tea break
3.00pm	<p>Acoustic Awards 2016: A series of presentations by the shortlisted entrants and your chance to vote for the best presentation.</p>
4.30pm	ANC AGM

Bookings

ANC Members:

£100 plus VAT per person = £120, additional places from same organisation at £75 plus VAT = £90.

Non ANC members:

£125 plus VAT per person = £150, additional places from same organisation at £100 plus VAT +£120.

The conference fee covers all refreshments including buffet lunch. Please complete the booking form and return with your payment or purchase order instructions. Please note that payment becomes due on booking and no refunds will be made for cancellations less than 14 days before the date of the event or non-attendance. Substitutions may be made at any time.

Venue

[Crowne Plaza Hotel, Birmingham city centre](#), easily accessible from Birmingham New Street Station. Pay Car Parking available immediately adjacent.

Awards

The Awards promote and recognise excellence among UK acoustic consultants and raise the profile of the acoustics industry. This year's categories are

- Architectural Acoustics: Commercial Buildings, sponsored by Armstrong
- Architectural Acoustics: Education Buildings, sponsored by Ecophon
- Environmental Noise, sponsored by ANV Measurement Systems
- Sound Insulation, sponsored by Icopal
- Vibration, sponsored by Bruel & Kjaer (winner receives a sound level meter)
- Best presentation by a shortlisted entrant, sponsored by Robust Details

Shortlist

The shortlisted entrants will give a brief outline of their project at the final session of the conference. The Awards look for examples of work that displays innovation, and originality in acoustic design or approach to a particular project. Conference attendees vote for the best presentation at the end of the afternoon session. Details of the shortlist appear on the website <http://www.association-of-noise-consultants.co.uk/awards-2016>

Winners

The Awards winners will be announced at a presentation dinner on Wednesday 29th June 2016. Awards will be presented by [Helen Czerski](#), science presenter for BBC, physicist and oceanographer.

Timings

7.00pm Drinks Reception – sponsored by Robust Details

7.30pm Dinner

9.30pm Presentation

Cost

AWARDS DINNER £60 plus VAT per person = £72

The dinner fee covers meal including wine on the table. Please complete the relevant section of the conference booking form and return with your payment or purchase order instructions. Please note that payment becomes due on booking and no refunds will be made for cancellations less than 14 days before the date of the event or non-attendance. Substitutions may be made at any time.