

ACOUSTICS 2026

13–15 September 2026
Delta Hotels Marriott, Peterborough



SUNDAY 13 SEPTEMBER 2026

Evening	Early Careers, Mentors and Buddies Social & Eastern Branch Social Booking Required - Hollywood Bowl, Peterborough, PE3 8YF
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MONDAY 14 SEPTEMBER 2026

08:30	Registration and Refreshments
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09:00	Welcome (ROOM 1) Paul Shields, President-Elect, Institute of Acoustics
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09:15	Change Rooms
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17:00	INSTITUTE OF ACOUSTICS AGM (ROOM 1)
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18:00	WOMEN IN ACOUSTICS (ROOM 3)
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MONDAY 14 SEPTEMBER 2026

ROOM 1**ENVIRONMENTAL SOUND GROUP**

Chair: Steve Mitchell

09:30	Fair and equitable distribution of aircraft noise in airspace modernisation: a human-centred approach Nicole Porter, et al; Anderson Acoustics Ltd
10:00	Noise Policy Applied at Gatwick Airport Expansion Project Steve Mitchell; Mitchell Environmental Ltd
11:00	Refreshments
11:30	Rayleigh Medal 2026 Lecture Professor Stuart Bolton
12:30	Lunch
13:30	New predicting standard for railway noise source terms D Lurcock; ISVR Consulting; O Bewes; High Speed Two Limited
14:00	Investigation Into Absorption Distribution on Inner / Ground Surfaces and Performance of Devices Added to HS2 Railway Noise Barriers R Perkins, J Chan, J Leow, S Ogilvie, S Dyne; Mott MacDonald Ltd; S Cawser; Balfour Beatty Vinci; O Winther Nielsen, A Kittel; COWI; C Cobbing; Arcadis; O Bewes, G Sica; HS2 Ltd
14:30	Development of a new algorithm for the Prediction of insertion loss for noise barriers on a high speed railway C Cobbing; Arcadis; O Winther Nielsen, A Kittel; COWI; J Leow, R Perkins, J Chan, S Dyne; Mott MacDonald Ltd; S Cawser; Balfour Beatty Vinci; O Bewes, G Sica; HS2 Ltd
15:00	Refreshments and Environmental Sound Group AGM
15:30	Understanding Environmental Noise Exposure in Europe: An Exploratory Analysis of END Data Daniel Goodhand; Goodhand Acoustics
16:00	Listening to the Land: Biodiversity Acoustics in Air and Soil – A Pilot Case Study on Regenerative Farm in Hampshire Baker K, Officer A, Rogers P; Sustainable Acoustics
	Paper submitted but not presented: Quantifying Bird Vocalisation Density in Contrasting Irish Soundscapes: A Single-Microphone Approach Fergal Davis; Department of Media & Design, Technology University of the Shannon, Athlone, Ireland
17:00	IOA AGM – Room 1
19:00	Drinks Reception and Dinner at Conference Hotel

MONDAY 14 SEPTEMBER 2026

ROOM 2**NOISE & VIBRATION ENGINEERING GROUP**

Chair: Simon Roberts

09:30	Assessment of Rolling Stock Condition Using Rail-Mounted Accelerometers D Lurcock, D Thompson; ISVR Consulting; A Ali; Transport for London
10:00	Investigating the Groundborne Vibration Transfer Function from Soil to a Piled-Foundation Building on Horizontal Directions Relative to Local Geotechnical Conditions Zijiang Yang, J De Avillez; WSP
10:30	QuieterRail: progress towards the urban-scale prediction of ground-borne vibration in buildings Kenny F Conto, James P Talbot; University of Cambridge; Pieter Reumers, Geert Degrande; KU Leuven
11:00	Refreshments
11:30	Rayleigh Medal 2026 Lecture – Room 1 Professor Stuart Bolton
12:30	Lunch
13:30	Achieving Stringent Sound Power Limits on Industrial Equipment for an Expansion Project Wayne Seeto; Fluor
14:00	Environmental and Indoor Impact of Rooftop Chillers: Noise and Vibration Transmission to Building Façades and Occupied Spaces Mohamed Ramadan; Axionex
14:30	Destoner vibration isolation in a new grains processing facility Tom Galikowski, David Trew, Diogo Pereira; Bickerdike Allen Partners LLP; Adam Fox, Andy Doney, Joshua Dagg; Mason UK,
15:00	Refreshments
15:30	Rethinking Free Weight Floor Design: Lightweight Floating Floors as an Alternative to Heavy Concrete Solution Sarah Huskie, Carolina Rui; CDM Stravitec
17:00	IOA AGM – Room 1
19:00	Drinks Reception and Dinner at Conference Hotel

MONDAY 14 SEPTEMBER 2026

ROOM 3**EARLY CAREERS GROUP**

Chair: Zach Simcox

09:30	Learning from Mistakes and the Importance of Soft Skills Josie Nixon; HA Acoustics
10:00	Exploring Perceived Acoustic Annoyance from Multi-Use Games Area Sources Ashton Everitt; Birmingham City University/Acoustic Consultants Limited; Benjamin West; Birmingham City University
10:30	Noise, Acoustics, and Student Creativity: Investigating the Impact of Classroom Sound Environments and Creativity in St. Thomas' College, Mount Lavinia, and Hindu Ladies' College, Colombo 06. T. Sivanujan; University of Moratuwa, Sri Lanka
11:00	Refreshments
11:30	Rayleigh Medal 2026 Lecture - Room 1 Professor Stuart Bolton
12:30	Lunch
13:30	From Lab to Living Room: Assessing Building Services Noise for the Future Homes Standard Rebecca Hogg; BSRIA
14:00	Buried Pipeline Localization Via Spatial Symmetry Of Leak-Induced Ground Vibration Oscar Scussel; São Paulo State University, Brazil; Jen Muggleton, Phillip Joseph; University of Southampton
14:30	Reliability before Biomarkers: auditing COVAREP glottal source measures in multi-device neurogenerative voice data Dominika Wnuk; Polish-Japanese Academy of Information Technology, Warsaw
15:00	Refreshments
15:30	Verification of Field Test Insertion Loss for Various Barrier Configurations Using Numerical Modelling and Comparison with TNPM Predictions J Leow, R Perkins, J Chan, S Dyne; Mott MacDonald Ltd; S Cawser; Balfour Beatty Vinci; C Cobbing, O Winther Nielsen; EKFB; O Bewes, G Sica; HS2 Ltd
	MUSICAL ACOUSTICS GROUP Chair: Steve Dance
16:00	The Development and Evaluation of a Speech-Enabled Audio Recording Studio Jason Dasent, Leah Kardos, Gordon Hunter; Kingston University
17:00	IOA AGM - Room 1
18:00	Women in Acoustics - Room 3
19:00	Drinks Reception and Dinner at Conference Hotel

MONDAY 14 SEPTEMBER 2026

ROOM 4**SPEECH & HEARING GROUP**

Chair: Gordon Hunter

09:30	Assessing Involuntary Behaviour Noise in Residential Care Settings & Equitable Acoustic Adaptations Rogers P, Lamacraft A; Sustainable Acoustics
10:00	Autistic perception of sound – Noise Sensitivity and the impact of frequency and loudness Steven Mitchell, Dr Robert Bendall, Prof. Antonio Torija Martinez; University of Salford
10:30	The MRPL2 Corpus: A Dataset of Non-native English Speech Daniel Tweddle, Eugenio Donati; University of West London

11:00 **Refreshments**

11:30	Rayleigh Medal 2026 Lecture – Room 1 Professor Stuart Bolton
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12:30 **Lunch****NOISE NETWORK PLUS**

Chair: Kirill Horoshenkov

17:00 **Close**

17:00	IOA AGM – Room 1
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19:00	Drinks Reception and Dinner at Conference Hotel
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TUESDAY 15 SEPTEMBER 2026

08:30 Registration and Refreshments

ROOM 1

BUILDING ACOUSTICS GROUP

Chair: James Healey

09:30 Softness vs Performance: Optimising Locally Reactive Floors for Fitness Spaces
Calvin Mpofu, Tim Patzke; Pliteq UK

10:00 Acoustic Performance of Timber Floors with Elastically Mounted and Suspended Layers
Aitor Lopetegui, Ander Aldalur, Lewis Metcalf (Presenter); AMC Mekanocauchos, Spain; Jesse Lietzén, Lauri Talus, Alina Lahdensivu; AINS Group, Department of Acoustical Engineering, Finland

10:30 A Study of the Magnitude and Frequency Content of Flutter Echoes
Julez Redding; Adrian James Acoustics

11:00 Refreshments

11:30 Decoupling Acoustic Performance and Sustainability in Fibrous Building Materials
Neha Sharma, Marc Fuzellier; Acoustics Design Library

12:00 Acoustics Guidance for University Buildings: Above and Beyond BB93
Elena Prokofieva; Edinburgh Napier University

12:30 Field Measurements of Sound Insulation of Partially Open Windows in Dwellings
Marek Olik; AtkinsRéalis

13:00 Lunch

14:00 Assessing Noise from Events: Half an Additional Wakening as a Design Target
Jack Harvie-Clark; Apex Acoustics

14:30 Acoustic and Mechanical Performance of Concrete Incorporating Precipitated and Ground Calcium Carbonate
Yujung Baek, Haydar Aygün, Amer Ali, Oluwatoyin Ajibade; London South Bank University

15:00 Nanoporous Fibres for High-performance Sustainable Acoustic Absorbers
Dalal KAEJ AlFoudari, Kirill Horoshenkov; University of Sheffield

15:30 Refreshments and Close

TUESDAY 15 SEPTEMBER 2026

08:30 Registration and Refreshments

ROOM 2**RENEWABLE ENERGY ADVISORY GROUP**

Chair: Richard Perkins

- 09:30 Future Homes CIBSE DBSP UK Air Source Heat Pump Engineer Noise survey**
S. Graetzer, K. Salter, V. Acun, L. S. Barton, J. A. Hargreaves, J. Bhadra, A. J. Torija; University of Salford
- 10:00 Towards An In-Situ Measurement Protocol For Sound From Domestic Air Source Heat Pumps**
Jack Harvie-Clark, Shona Briers; Apex Acoustics
- 10:30 Towards Modelling Guidelines for Domestic Air Source Heat Pumps**
Jack Harvie-Clark, Shona Briers; Apex Acoustics

11:00 Refreshments

- 11:30 The behaviour of garden fence panels as noise barriers for domestic air source heat pumps: A further study**
LS Barton, JA Hargreaves, V Acun, S Graetzer, AJ Torija Martinez; University of Salford
- 12:00 Air Source Heat Pump Joint Guidance (2026): Aims, omissions and pitfalls for acousticians and planning officers**
Rogers P; Sustainable Acoustics (Chair of IOA Working Group); Salter K; University of Salford; Harvie-Clark J; Apex Acoustics; Hogg R; BSRIA; Lewis T; WSP (ANC and CIEH rep); Perkins R; Mott MacDonald (IOA REAG Chair)
- 12:30 An enhanced method of filtering wind farm noise during baseline measurements**
Andrew Birchby; TNEI

13:00 Lunch

- 14:00 Updated UK wind farm noise guidelines**
Matthew Cand, Mark Jiggins; Hoare Lea LLP; Rob Shepherd; Hayes McKenzie Partnership; Jon Sims; Noise Consultants Ltd
- 14:30 Noise Propagation Modelling of BESS projects**
Krispian Lowe; RWE
- 15:00 A Good Practice Guide to the Assessment of Noise from BESS and Solar PV Developments**
Jim Singleton; TNEI

15:30 Refreshments and Close

TUESDAY 15 SEPTEMBER 2026

08:30 **Registration and Refreshments**

ROOM 3

SOUND, NOISE & HEALTH GROUP

Chair: Angela Lamacraft & Lisa Lavia

09:30 **Soundscape Monitoring 2025 – A Post-Pandemic Update to Measured Sound Levels Across England**

Chris Skinner, Ben Gaten; AECOM

10:00 **Considerations for the development of a Positive Soundscape Indicator**

Simon Shilton; Acustica: Daniel Moiseiwitsch; Accon UK: Paul Shields; University of Derby

10:30 **Urban soundscape of busy food street, Chennai, India: An assessment on noise levels and sound distribution**

Veena Monica, Madurasini K, Melita D, Jeyaradha J; School of Architecture and Planning, Anna University, Chennai: Kalaiselvi R; Rajalakshmi School of Architecture, Chennai 2 1, India, 2, India

11:00 **Refreshments**

Paper submitted but not presented:

Beyond Noise – Mapping Soundscape Dynamics in a Rapidly Changing Island City

Dr Farrah Jahangeer, Centre for Indo-oceanic Territorial Development Studies

13:00 **Lunch**

13:00 **SOUND, NOISE & HEALTH GROUP AGM**

15:30 **Refreshments and Close**

TUESDAY 15 SEPTEMBER 2026

08:30 **Registration and Refreshments****ROOM 4****PHYSICAL ACOUSTICS GROUP**

Chair: Haydar Aygun

09:30 On the design of a sustainable acoustic absorber

Kirill Horoshenkov, Dalal KAEJ AlFoudari, James Maguire, Anton Krynkina; University of Sheffield, United Kingdom; Xiaomeng Zhang, Vicente Orts, Liam Britnell; Wull Technologies

10:00 Acoustic Wave Diagnostics of Hierarchical Nanoporous Materials for Intelligent Building Insulation

Dr Hasina Rahman; University of Warwick

10:30 Exploring ultrasound for long-distance plastic water pipe communication and imaging

Edward John, William Luddington, Kirill Horoshenkov; University of Sheffield: Wenbo Duan; University of Hertfordshire

11:00 Refreshments**11:30 Non-contact acoustic method for detection of defects in pipes**

Dr. Mriganka Shekhar Chaki, Dr. Anton Krynkina, Prof. Kirill V. Horoshenkov, Dr. Edward John and Dr. Gavin Sailor; University of Sheffield

13:00 Lunch**15:30 Refreshments and Close**
