



# Institute of Acoustics and Professional Engineering Institutions

---

Presented by Professor David Waddington  
President of the Institute of Acoustics





# Overview

- Introduction to the IOA and its role
- IOA activities:
  - Publications, conferences & events
  - Advocacy & Standards, community engagement
  - Professional development
- Pathway to Chartered Engineer (CEng) status:
  - Requirements and benefits



Professor Mark Plumbley  
Centre for Vision, Speech and Signal Processing  
University of Surrey  
Guildford, Surrey GU2 7XH

Institute of Acoustics Limited  
Silbury Court, 406 Silbury Boulevard  
Milton Keynes MK9 2AF

Email: [ioa@ioa.org.uk](mailto:ioa@ioa.org.uk)  
Tel: +44 (0)300 999 9675  
[www.ioa.org.uk](http://www.ioa.org.uk)

18 June 2024

Dear Mark,

**Re: Letter of Support for EPSRC Noise Network Plus  
Commitment to the Project**

We would like to confirm the Institute of Acoustics' (IOA) strong support and commitment to your proposed Noise Network Plus, to be submitted to EPSRC.

**About the IOA and our Collaboration History**

The IOA is the UK's professional body for acoustics, and we have a long history of promoting acoustics research and practice. We were instrumental in the development of the successful UK Acoustics Network Plus (UKAN+), and we have actively collaborated with UKAN+ on various initiatives, including the "Sound Economics" report and events for early career researchers.



# Introduction to the Institute of Acoustics

---

- Established in 1974
- Leading professional body for acoustics in the UK
- Promotes the science and practice of acoustics
- Provides support and development for acousticians





# IOA's Strategic Objectives

## Influencing the Acoustics Agenda:

Shaping policies and standards

## Developing Tomorrow's Professionals:

Education and training initiatives

## Maintaining Professional Standards:

Ensuring high standards and skills

## Delivering Excellent Service:


Providing support and resources to members

## Commitment to Public Benefit:

Promoting public awareness and engagement

## Catalyst for Acoustics Research:

Supporting and advancing research in acoustics



BUILDING ACOUSTICS





# IOA Membership

## **Publications:**

Acoustics Bulletin, technical guides

## **Conferences and Events:**

Annual conference, specialist groups

## **Membership Structure:**

Corporate and non-corporate grades, qualifications, costs

Volume 51 No 2 March/April 2025

BS 8233 changes ahead:  
IOA seeks industry views  
Page 6

Cover story:  
Inspirational women  
in acoustics  
Page 18

Reproduced Sound  
2024 report  
Page 36

Plans for reforming the  
way infrastructure  
is approved  
Page 48

Acoustics industry's bold  
and proactive stance  
on sustainability  
Page 51

# ACOUSTICS BULLETIN





# IOA Activities

# Enhance your career aspects of acoustics

## Advocacy and Standards:

Policy influence, standards development

## Community Engagement:

STEM outreach, public awareness

## Professional Development:

CPD activities, accredited courses

As a range of certified short courses  
gaining competence in the areas shown  
The courses run twice a year at accredited  
centres across the UK (courses are held prior  
states and usually run for around five days).

For more about any of these courses visit:  
[www.ioa.org.uk/education-training](http://www.ioa.org.uk/education-training)  
or contact us directly.

106 Silbury Boulevard  
Milton Keynes MK9 2AF  
+44 (0)300 999 9675  
[www.ioa.org.uk](http://www.ioa.org.uk)

Institute of  
**Acoustics**  
Noise · Vibration



Workplace Noise  
Risk Assessment



Environmental  
Noise Measurement



Building Acoustics  
Measurement



Occupational  
Exposure to  
Hand Arm Vibration



Anti-Social Behaviour  
(Scotland) Act 2004  
- Noise Measurements

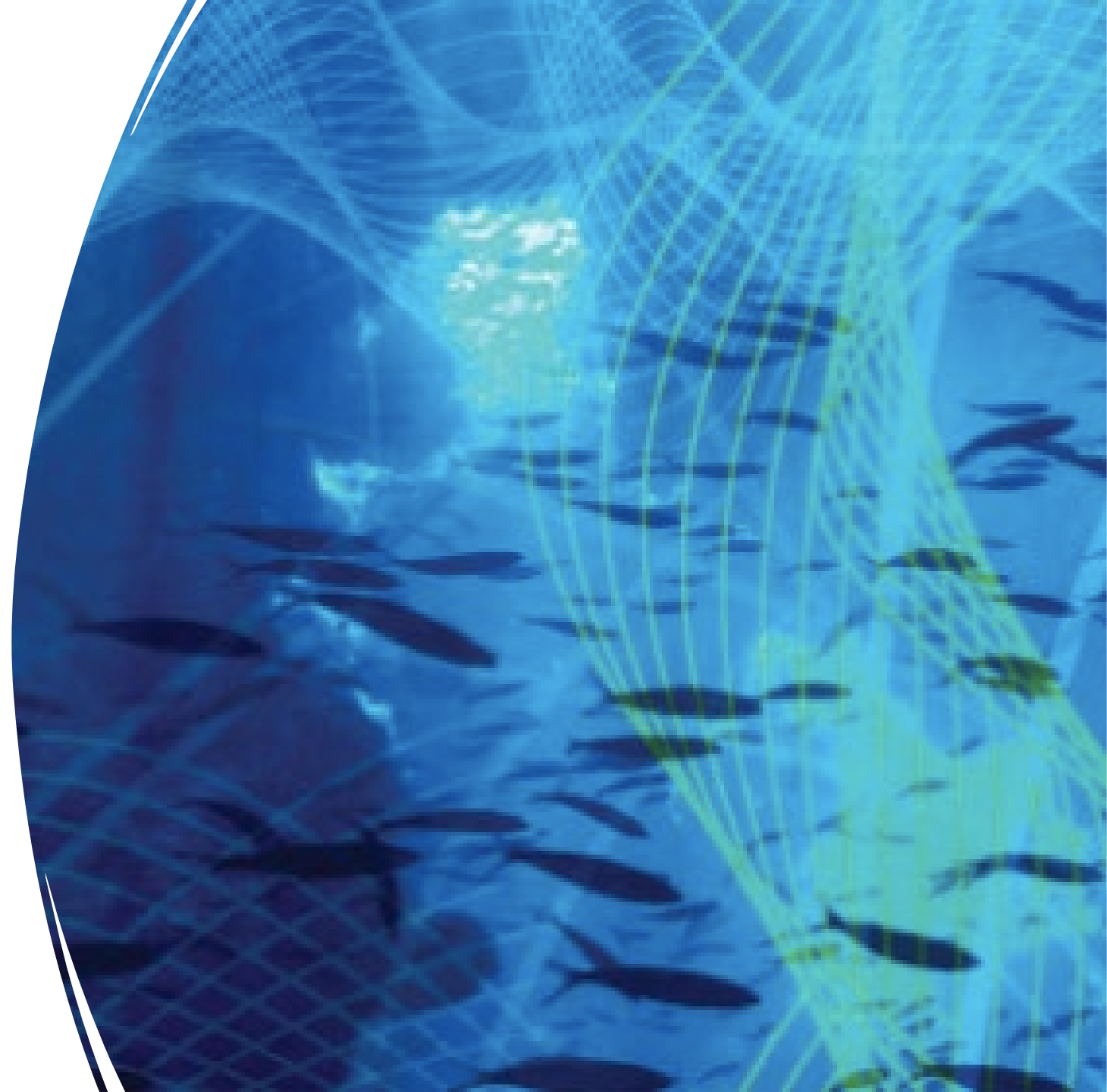




# Pathway to Chartered Engineer Status through the IOA

---

Gaining professional recognition  
and Engineering Council registration  
through the  
**Institute of Acoustics**





# What is the Register?

---

- Engineering Council
  - 39 Licensed Bodies
  - One standard UK-SPEC
  - Five areas of Competence and Commitment
  - Three registration points
    - CEng
    - IEng
    - EngTech
  - Internationally recognised.
  - Access to register through licenced bodies



# Benefits to you as an individual

---

- International Recognition allows movement to overseas contracts
- Recognition of your professional status awarded by peers from the sector.
- Evidence of Engineering Credentials
- Work backed by professional title
- Evidence of your professional ethics
- Membership of a relevant professional body offering support and development advice and guidance.





# What registration stands for

---

- Compliance with a code of conduct
- Managing and applying safe systems of work
- Undertaking engineering activities applying security and sustainability
- A commitment to Continuing Professional Development
- Being part of a wider acoustics and engineering community





# How to achieve membership and registration

---

- Provide evidence of engineering understanding of acoustics
  - Higher Diploma / Degree – IEng
  - Masters Degree – CEngor
  - Evidence through a technical report
- Provide evidence of work in a field of acoustics
  - PRI report
- Become a member of the IOA
- Attend a Professional Review Interview





# What is the difference between CEng & IEng

---

- **Incorporated Engineer:**

Maintains and manages applications of current and developing technology, and may undertake engineering design, development, manufacture, construction and operation.

- **Chartered Engineer**

Develops solutions to engineering problems using new or existing technologies, through innovation, creativity and change. May be accountable for complex systems with significant levels of risk.





# What You Need to do Now

- 
- IOA staff assistance
  - Dedicated team for TRI and PRI reports
  - Interview schedule and locations
  - Contact information
    - [www.ioa.org.uk](http://www.ioa.org.uk)
    - [acousticsengineering@ioa.org.uk](mailto:acousticsengineering@ioa.org.uk)



# Summary

---

- Introduction to the IOA and its role
- IOA activities:
  - Publications, conferences & events
  - Advocacy & Standards, community engagement
  - Professional development
- Pathway to Chartered Engineer (CEng) status:
  - Requirements and benefits

# Institute Sponsor Members

Council of the Institute of Acoustics is pleased to acknowledge the valuable support of these organisations

## Founding Key Sponsors



Aecom Infrastructure & Environment UK Ltd	dB Attenuation Ltd	Mason UK Ltd	SITMA
AMC Mecanocaucho	dB Consultation Ltd	National Physical Laboratory	Sound Reduction Systems Ltd
ANV Measurement Systems	Direct Acoustic Solutions Ltd	Noise Solutions Ltd	Spectrum Acoustic Consultants
Apex Acoustics	Echo Barrier Ltd	noise.co.uk Ltd	Stantec UK Ltd
Arup Acoustics	Emtec Products Ltd	Nova Acoustics Ltd	WSP UK Ltd
Bickerdike Allen Partners	Farrat Isolevel Ltd	Pliteq	Zenita Ceiling & Grid Solutions Ltd
Cahill Design Consultants Ltd	GERB Schwingungsisolierungan GmbH	Quantum Acoustics	
Campbell Associates	Getzner UK Ltd	RBA Acoustics	
Collecta Ltd	Gracey & Associates	Rockfon	
Christie & Grey Ltd	Hann Tucker Assoc	RSK Acoustics Ltd	
Clement Acoustics Ltd	Hayes McKenzie Partnership Ltd	Saint-Gobain Construction Product UK	
CDM Stravitec	Hilson Moran Partnership Ltd	t/a Saint-Gobain Ecophon	
CMS Danskin Acoustics	ISOMASS Ltd	Sandy Brown Ltd	
Couch Perry Wilkes Acoustics	KP Acoustics Ltd	Sharps Redmore Partnership Ltd	
	L-Acoustics	Siderise Group	



Members are entitled to use the **Sponsor IOA logo** in their publications, whether paper or electronic (including web pages).