



Huddersfield is a major market town in Northern England with a history spanning over 4,000 years. It has long been associated with the engineering and textile industries and was an important contributor to the Industrial Revolution. Beyond its industrial heritage, the town is located on the eastern foothills of the Pennines and lies close to the Peak District National Park, the UK's most visited national park, welcoming millions of visitors each year. Huddersfield is well connected, with Manchester and Leeds less than 30 minutes away by train.

Sponsorship and Exhibition Opportunities

ICMIAM2026 will attract academics, research scientists and industry practitioners from across the world and represents an excellent opportunity for sponsors and exhibitors to achieve global visibility and impact in a highly cost-effective manner. If you are interested in our sponsorship and exhibition packages, please contact us at ICMIAM2026@hud.ac.uk or visit www.icmiam.com for more information.

General Chairs

- Rakesh Mishra - Professor, Dept of Eng & Tech, University of Huddersfield, UK
- Gopinath Chattopadhyay - Hon. Prof, Federation University, Australia
- Raghuvir Pai - Professor (Retd.), Manipal Institute of Technology, India
- Sauvik Banerjee - Professor, Dept of Civil Eng, IIT Bombay, India
- Leigh Fleming - Professor & Acting Dean, School of Computing and Engineering, University of Huddersfield, UK
- Marco Corradi- Professor, Dept of Eng & Tech, University of Huddersfield, UK
- John Allport - Professor, Dept of Eng & Tech, University of Huddersfield, UK
- Konstantina Lambrinou- Professor, Dept of Eng & Tech, University of Huddersfield, UK

Co-Chairs

- Dr Shirsendu Sikdar - Senior Lecturer at the University of Huddersfield, UK
- Dr Faisal Asfand - Senior Lecturer at the University of Huddersfield, UK
- Dr Naeem Mian - Subject Area Lead, University of Huddersfield, UK
- Dr Shamaila Iram - Senior Lecturer, University of Huddersfield, UK
- Dr Deba Datta Mandal - Research Fellow at the University of Huddersfield, UK
- Dr Gina Javanbakht - Research Fellow at the University of Huddersfield, UK
- Dr Taimoor Asim - Associate Professor at Robert Gordon University, UK
- Dr Ali Aliyu - Associate Professor at the University of Lincoln, UK

University of
HUDDERSFIELD
Inspiring global professionals

Invitation

ICMIAM2026

7th International Conference on Maintenance and Intelligent Asset Management

1-3 September 2026
University of Huddersfield
Huddersfield, United Kingdom

www.icmiam.com



ASSET MANAGEMENT COUNCIL



Chair's Welcome

On behalf of the Organizing Committee, I am delighted to invite you to ICMIAM 2026, the 7th International Conference on Maintenance and Intelligent Asset Management, hosted by the University of Huddersfield.

ICMIAM 2026 continues the strong tradition of Huddersfield-led international conferences in maintenance, diagnostics, and asset management. The conference provides a unique platform for academia, industry, and policy stakeholders to exchange ideas, share best practice, and discuss emerging challenges associated with complex, safety-critical, and data-driven engineering assets.

We look forward to welcoming you to Huddersfield in September 2026 for a stimulating technical program and vibrant professional networking.

Professor Rakesh Mishra

Conference Chair, University of Huddersfield

Conference Overview

ICMIAM2026 brings together international researchers, industry practitioners, technology developers, and policymakers to discuss advances in maintenance engineering, reliability, and intelligent asset management.

Modern industrial and infrastructure assets integrate complex mechanical, electrical, and digital subsystems. Understanding their degradation, failure behaviour, and lifecycle performance is critical for ensuring safety, resilience, sustainability, and cost-effectiveness. [ICMIAM2026](#) addresses these challenges through the lens of digitalisation, intelligent sensing, artificial intelligence, and human-centric decision-making, spanning the transition from Industry 4.0 towards Industry 4.5 and Industry 5.0.

Publication Opportunities

Accepted papers (peer reviewed) will be published in the conference proceedings by **Springer Nature**, indexed in **Scopus**.

Selected papers (peer reviewed) will have the opportunity to be published in **reputed international journals (Scopus indexed)**.

Registration is mandatory for publication.

Conference Themes

ICMIAM 2026 covers a broad and interdisciplinary range of topics across engineering, asset management, diagnostics, energy systems, manufacturing, and healthcare, including but not limited to:

1. Asset Management & Maintenance Systems

- Intelligent Asset Management (Digital Twins, ISO 55000, Industry 4.0 & 5.0)
- Health-Integrated Asset Management and Lifecycle Optimisation
- Reliability, Availability & Maintainability (RAM)
- Predictive, Preventive & Risk-Based Maintenance
- Decision Support Systems for Asset, Energy & Health Management
- E-Maintenance and Smart Maintenance Systems
- Infrastructure Asset Management (Rural, Regional & Public Systems)
- Human Factors, Skills & Competence Development

2. Diagnostics, Monitoring & Smart Sensing

- Structural Health Monitoring (SHM) & Non-Destructive Testing (NDT)
- Smart Sensing, Instrumentation & Signal Processing
- Environmental, Physiological & Behavioural Monitoring Systems (including biomedical & healthcare applications)
- AI/IoT for Condition Monitoring & Remaining Useful Life (RUL) Estimation
- Wearable, Implantable & Multimodal Sensor Systems
- Machine Vision, Robotics & Mechatronics for Inspection and Diagnostics
- Manufacturing Process Monitoring & Tool Condition Monitoring
- Flow Diagnostics and Asset/Process Performance Monitoring
- Automatic Identification and Data Capture (AIDC)
- Subsea Operations, Monitoring & Asset Integrity

3. Energy Systems, Built Environment & Sustainability

- Energy Systems: Design, Development, Analysis & Diagnostics
- Wind, Solar & Hydrogen Energy Systems
- Hydrogen Production, Storage & Transport
- Nuclear Fission & Fusion Energy Systems
- Battery, Thermal & Hybrid Energy Storage Systems
- Smart Energy Management & Building Automation
- Net-Zero Buildings, Smart Infrastructure & Living Labs
- Retrofit Design, Digital Twins & BIM for Sustainable Housing
- Indoor Environmental Quality, Thermal Comfort & Health-Centred Design
- IC Engines, Alternative Fuels & Bioenergy Systems
- Carbon Capture, Utilisation and Storage (CCUS)
- Energy Harvesting & Low-Power Systems
- Sustainable Manufacturing, Machining & Resource-Efficient Processes
- Lifecycle Assessment, Circular Economy & Sustainable Engineering Assets

4. Safety, Risk, Security & Ethics

- Safety, Security & Risk Engineering
- Cybersecurity of Industrial, Energy & Built-Environment Systems
- Resilient and Risk-Aware Asset Management Frameworks

- Trustworthy AI, Data Governance & System Reliability
- Ethical, Privacy & Regulatory Considerations (including biomedical and healthcare systems)

5. Advanced & Emerging Applications

- Aerospace Structures, Systems & Asset Integrity
- Integrated Cyber-Physical Systems for Energy, Health, Manufacturing & Infrastructure
- Digital Twins, Smart Systems & Intelligent Automation
- Smart Manufacturing, Advanced Machining & Industry 4.0 -> 5.0 Applications
- Biomedical Systems, Implants & Healthcare Engineering
- Robotics, Autonomous Systems & Intelligent Inspection Technologies
- Social Equity, Inclusive Design & Policy for Smart and Healthy Living

Call for Workshops

Proposals are invited for the facilitation/delivery of workshops. These themed sessions should address current best practice and/or research trends of specific technologies or applications in areas that are related to the Conference themes.

Call for Panels

Proposals are also invited for panels that discuss important and timely topics relevant to the themes of the Conference. The purpose of panel sessions should be to provide panelists and audience members with the opportunity to exchange perspectives, engage in discussion, and learn from each other's experiences.

Industry/Academic Sectors

The [ICMIAM2026](#) conference shall serve, but is not limited to, the following industry/academic sectors:

- | | |
|------------------------------------|---------------------------------------|
| • Aeronautics & Aerospace | • IT & Telecommunications |
| • Automotive | • Manufacturing, Process & Production |
| • Bioengineering & Biomedical | • Marine |
| • Chemical Process | • Nuclear Energy |
| • Civil & Construction | • Oil & Gas |
| • Clean Energy | • Public Infrastructure |
| • Electrical & Electronic | • Subsea |
| • Energy Production & Distribution | • Transportation & Logistics |
| • Environmental | |

Conference Program & Registration

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|------------------------|---|
| • Welcome Reception: | Monday, 31 August 2026 |
| • Conference Sessions: | Tuesday-Thursday, 1-3 Sept 2026 (09:00-17:00) |

Important Dates

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|-------------------------------------|--------------------|
| • Early bird registration deadline: | 22 July 2026 |
| • Full paper submission: | 22 July 2026 |
| • Registration deadline: | 1 August 2026 |
| • Conference dates: | 1-3 September 2026 |

➤ Final dates, technical tours, and workshop details will be announced on the conference website in due course.

Registration Fee

- | | |
|-----------------------------------|---------|
| • Early bird full registration | 550 GBP |
| • Early bird student registration | 300 GBP |
| • Full registration | 650 GBP |
| • Student registration | 400 GBP |
| • Each additional paper | 100 GBP |
| • Accompanied person | 150 GBP |
| • Conference Gala Dinner | 50 GBP |
| • Workshops | 25 GBP |

Organizer

The University of Huddersfield, Huddersfield, HD1 3DH, UK

Supported by:

- Federation University Australia, Berwick, Victoria, Australia
- Indian Institute of Technology (IIT) Bombay, India
- Asset Management Society, India
- Luleå University of Technology, Sweden
- Asset Management Council, Australia
- University of Johannesburg, South Africa
- University of Lincoln, Lincoln LN6 7TS, UK
- Robert Gordon University, Aberdeen AB10 7QB, UK

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