

ICMIAM2021

12–15 December 2021

Hybrid mode: Face-to-face
and virtual (online)

International Conference on Maintenance and Intelligent Asset Management (ICMIAM2021)

The International Conference on Maintenance and Intelligent Asset Management (ICMIAM2021) will provide a platform for industry-leading speakers, academic experts and professional body leaders to share their knowledge and expertise on a diverse range of topics.

Our speaking panel will consist of respected, senior representatives from within 'asset management and maintenance' industries, government entities, Universities and professional bodies. There will be fantastic networking opportunities.

Speakers will address topics such as compliance to standards; risk management as the basis of an asset management plan; whole-life-approach investment decisions; failure modes, existing and emerging technologies and extending an asset's lifecycle.

The conference will highlight the practices and research outcomes to improve and enhance asset management through systems, standards, and technologies for balancing costs, risk and performance, and will feature a workshop on rural assets.

The benefits of joining us at the conference

- Become aware of the possibilities in Maintenance, Reliability and Asset Management
- See and experience the showcase and the best practices
- Hear about achievements in Maintenance, Reliability and Asset Management programs
- Learn about high quality applications in industry
- Foster networking across multiple disciplines
- Identify future needs for professional development
- Explore future opportunities for research

www.icmiam.com



Fed

Themes

Track 1 Asset Management (AM) and Systems (AMS)

Asset management (AM), ISO55000 and related standards, ISO 55001 certification and beyond, Critical assets, e.g., water, power, smart grids, Energy management, Intelligent traffic system, Rural asset management, Regulations and compliance, Environment, Internet of Things (IoT), Industry 4.0 in AM, Analytics and applications in AM, Risk management, Cyber-Physical Systems, Process modelling, Digital twins, Machine learning in AM, AM for Oil and Gas industry, Built environment asset management, Low cost sensing for asset management, and related topics.

Track 2 Reliability, Availability and Maintainability (RAM) and Maintenance Management (MM)

New advancements in reliability, Maintenance engineering, Preventive and predictive maintenance, Lifecycle cost analysis, Remaining useful Life analysis, Tribology, Artificial Intelligence (AI) and IoT in RAM, Condition Monitoring (CM), Condition Based Maintenance (CBM) and Efficiency, RAM in Industry 4.0, Resilience, Rolling stock maintenance, Reliability and resilience, Risk and performance assessment, Risk based maintenance and related topics.

Track 3 Safety Engineering and Analytics (SEA), Security, Risk Management and Human Factors (SRM-HF)

Safety analytics, Occupational health, Integrated safety management systems, Prevention through design (PtD), Probabilistic risk assessment & uncertainty analysis, Human factors & cognitive ergonomics, Process safety, Workplace safety, Safety Economics, Industry 4.0 technologies in safety, Digital asset management, Asset integrity, Cyber security challenges and risk management, AI and ML applications in safety & security, Smart transportation and logistics, Cyber supply chain risk management (CSRSM) and related topics.

Workshop 1 | Rural Assets for Sustainable Development

Broad contours of rural asset classifications and the rationale, Contributions of rural assets, How rural commons, rural enterprises, rural households, rural governing institutions could enumerate the rural assets and use them for productive use, find a possible approach for the policymakers, governing institutions, academia, and practitioners to devise a strategy to ensure rural assets generate the returns and contribute, benchmark for rural-urban continuum, rural assets in social, economic, financial, and digital context.



Venue

Face-to-face

Federation University's Mount Helen Campus in Ballarat, will be the physical host for the conference.

Visit <https://federation.edu.au/about-us/our-campuses/mt-helen-campus>

Sunday 12 December 2021 from 12.30 pm to 5.30 pm

Monday 13 and Tuesday 14 December from 8.30am to 5.30pm

Technical Tours* | Wednesday 15 December from 10.00am to 1.00pm

*Subject to no covid related government restrictions and presenters and delegates attending are fully vaccinated in line with Australian Government approved vaccine certificates.

Virtual

You can join online if you aren't able to attend physically

Online platforms and links will be provided to registered delegates for online session in Melbourne, Australia times (AEDT).

Eminent Speakers

For further information on keynotes and invited speakers, visit www.icmiam.com/Panelists.php



Prof. Uday Kumar, PhD

Chair Professor, Division of Operation and Maintenance Engineering, Luleå University of Technology (LTU), Luleå, Sweden



Dr. O.B. Krishna

Visiting Professor, Industrial and Systems Engineering, Centre of Excellence – Safety Engineering and Analytics, IIT, Kharagpur, India



Dr. Gopi Chattopadhyay

Post Graduate Program Coordinator: Maintenance and Reliability Engineering Programs, Federation University, Churchill Australia



Wendy McPate

Engineering Manager, Asset Management, Origin Energy for the Power Generation Business Unit



Dave Daines

National Chair, Asset Management Council, Australia



John Hardwick GAICD, CFAM, EMBA

Executive Director Sydney, Roads and Maritime Services, NSW, Australia



Dr. Anne Gibbs

CEO, Asset Management Council (AMC), Australia



Prof. Harekrishna Misra

Professor, IT & Systems Group, Institute of Rural Management, Anand (IRMA)



Prof. Jhareswar Maiti

Chairman, Centre of Excellence- Safety Engineering and Analytics, Professor, Industrial and Systems Engineering, IIT Kharagpur, India



Prof. Raghuvir Pai

Professor, Manipal Institute of Technology, Manipal Academy of Higher Education (MAHE), Manipal, India



Swami Sunishthananda

Resident monk in-charge of Vedanta Centre of Melbourne



Prof. Rakesh Mishra

Energy, Emissions and the Environment Research Group Leader, Division of Operation and Maintenance Engineering, University of Huddersfield, Huddersfield, U.K.



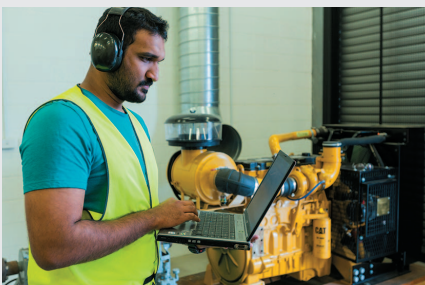
Prof. Melinda Hodkiewicz

BHP Fellow for Engineering for Remote Operations, Faculty of Engineering and Mathematical Sciences, University of Western Australia



Prof. Theodore T. Allen,

Integrated Systems Engineering, The Ohio State University, USA



Download the latest program:

www.icmiam.com/Docs/ICMIAM%202021%20Program%20Template_18July2021.pdf

How to get your ticket?

Register online:

<https://www.eventbrite.com.au/e/icmiam2021-tickets-167251572957>

CONFERENCE FEES

Delegates	AUD\$400 +10% GST
Committee Members	AUD\$350 +10% GST
Students	AUD\$300 +10% GST

Online attendance and/or presentation will receive \$50 discount from the listed registration fees.

Technical Tour Including bus fare, entry tickets and packed lunch	AUD\$70 +10% GST per person
---	-----------------------------

Send emails to icmiam2021@gmail.com and cc to l.river@federation.edu.au and g.chattopadhyay@federation.edu.au (If you have any problem using online payment and registration)

For any general queries

Dr. Gopi Chattopadhyay

School of Engineering, Information Technology and Physical Sciences, Federation University Australia

Phone +61 402 467 737

Email icmiam2021@gmail.com

Website www.icmiam.com

Facebook

www.facebook.com/International-Conference-on-Maintenance-and-Intelligent-Asset-Management-105364751861637/

Sponsorship opportunity

If you are interested in exhibiting, giving a presentation or making a speech please contact Gopi via email icmiam2021@gmail.com

Organised by

School of Engineering, Information Technology and Physical Sciences, Federation University, Australia

Asset Management Council, Australia

Centre of Excellence in Safety Engineering and Analytics, Indian Institute of Technology, Kharagpur, India

Department of Mechanical and Manufacturing Engineering, Manipal Academy of Higher Education, Manipal



INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR



ASSET MANAGEMENT COUNCIL



MANIPAL
ACADEMY of HIGHER EDUCATION

(Deemed to be University under Section 3 of the UGC Act, 1956)

Technical co-sponsors

IEEE Victorian Section (Australia) and Victorian Section PES Chapter, affiliate(s) of the IEEE International, LLC ('IEEE')



IEEE Victorian Section

Supported by

City of Ballarat, Australia

Sovereign Hill, Australia

University of Huddersfield, UK

Lulea University of Technology, Sweden

Institute of Rural Management, Anand (IRMA), India

Asset Management Society, India



University of
HUDDERSFIELD
Inspiring global professionals



Federation.edu.au

1800 333 864 (1800 FED UNI)

International phone: +61 3 5327 9018

#feduni [f](https://www.facebook.com/federationuniversity) [i](https://www.instagram.com/federationuniversity) [y](https://www.youtube.com/federationuniversity) [in](https://www.linkedin.com/federationuniversity) /federationuniversity