

2025

**The 1st International Conference on
Infrastructural Monitoring and Protection**

CIMP1-2025

1-4 December 2025

Perth, Australia



Curtin University

The 1st International Conference on Infrastructural Monitoring and Protection (CIMP1-2025)



1-4 December 2025, Perth, Australia
Conference Website: <https://cimp1-2025.org/>



The Second Announcement

Background

The 1st International Conference on Infrastructural Monitoring and Protection 2025 (CIMP1-2025) aims to showcase recent research and advancements in structural engineering. This event also celebrates the 10th anniversary of the Centre for Infrastructural Monitoring and Protection (CIMP), founded in 2015 by John Curtin Distinguished Professor Hong Hao. Jointly organized by CIMP at Curtin University and Earthquake Engineering Research & Test Center at Guangzhou University, CIMP1-2025 will feature plenary presentations from leading experts and invited presentations from established and young researchers. The conference will be a premier forum for discussing cutting-edge developments in civil infrastructure monitoring and protection, fostering international collaboration, knowledge exchange, and professional networking.

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Plenary Speakers (Listed in alphabetical order by last name)



Prof. Jose M. Adam

Jose M. Adam is a Professor at the Universitat Politècnica de València – UPV, where he is engaged in teaching in the Civil Engineering School and the Department of Construction Engineering. Prof. Adam is the chair of Building Resilient, an ICITECH research group at UPV. Before joining UPV in 2005, he worked as a structural engineer and was involved in the design and construction of many large projects. At present, he and his team perform research in the fields of structural engineering and construction, always aiming to improve the resilience of buildings and bridges. Prof. Adam is an experimental researcher, and his research has always been associated with ambitious experimental campaigns, including many on full-scale structures. He combines basic and applied research with a high degree of transfer to industry. Prof. Adam is a founding partner of the spin-off company Calsens, Editor-in-Chief of Construction and Building Materials, and holder of two ERC Grants for the amount of €2.6 million. One of his research works was recently featured on the cover of Nature magazine.



Prof. Guowei Ma

Guowei Ma is the Vice President of Hebei University of Technology. He is ranked in the top 0.05% of scientists globally in civil engineering. Prof Ma is the founding president of the 3D Printing Commission, China Concrete & Cement-based Products Association, and the founding chair of the 3D Printing Technical Committee, Asian Concrete Federation. He serves as an Editor-in-Chief of the International Journal of Intelligent Geoengineering, and editorial board members of a number of international and Chinese journals. His main research interests are 3D concrete printing, new structures and materials, rock mechanics and engineering, etc. He has published 7 academic monographs, and more than 500 peer-reviewed articles with an H-index of 76. He has received many research awards, including National Natural Science Award, Hebei Province Technological Invention Award, Hebei Province Natural Science Award, Guinness World Record, Gold Medal of International Exhibition of Inventions Geneva, Nishino Medal, etc.



Prof. Mark Stewart

Mark Stewart is a Distinguished Professor of Civil Engineering at the University of Technology Sydney. He is an international leader in risk assessment, public policy decision-making, and protective infrastructure for extreme hazards. He has applied risk assessment and probabilistic methods to a wide range of infrastructure/engineering systems, including threats from terrorism and climate change. His ideas have been presented in four seminal books and many scientific and engineering papers, and have brought engineering and scientific expertise into the public policy domain. He is a Fellow of the Australian Academy of Technological Sciences and Engineering, and President of the International Association of Protective Structures.



Prof. Michael Todd

Michael Todd received his Ph.D. from Duke University's Department of Mechanical Engineering and Materials Science. Since 2003, he has been with the Structural Engineering Department at the University of California San Diego, where he serves as Distinguished Professor and Chair. His research interests are time series, ultrasonic, and fiber optic structural health monitoring/NDE and decision analytics for SHM/NDE. He has published over 600 journal papers and proceedings. He won the 2005 SHM Person-of-the-Year Award, the 2016 Society of Experimental Mechanics DeMichele Award, the 2021 SHM Lifetime Achievement Award, the 2023 Roy Sharpe Prize for Outstanding Contribution to NDE, and the 2024 SPIE NDE Lifetime Achievement Award. He is a Fellow of the American Society of Mechanical Engineering and a Fellow of the Society of Experimental Mechanics. He is the Managing Editor of Structural Health Monitoring.



Prof. Yong Xia

Yong Xia is a Professor at The Hong Kong Polytechnic University and Director of the Guangdong-Hong Kong Joint Laboratory for Marine Infrastructure. His main research area is structural health monitoring. He obtained his PhD degree from Nanyang Technological University, Singapore. He then worked at The University of Tokyo as a JSPS Fellow and at The University of Western Australia as a Research Associate before joining The Hong Kong Polytechnic University in 2006. He has published around 180 refereed international journal papers, co-authored three research books, and secured over 50 research projects. Dr. Xia is now the Co-Editor-in-Chief of *Advances in Structural Engineering*, an SCI journal. He was awarded The Nishino Prize (2013), State Technological Innovation Award in China (2018), and ASCE Greater China Distinguished Leadership Medal (2025), among many others.



Prof. Satoshi Yamada

Satoshi Yamada graduated from the University of Tokyo in 1988 and received his master's degree in 1990. In 1994, he received his PhD degree from the University of Tokyo. He joined the University of Tokyo as Assistant Professor in 1990. In 1998, he was promoted to Associate Professor at the Structural Engineering Research Center of Tokyo Institute of Technology, and in 2014 he was promoted to full Professor. In 2020, he joined the Department of Architecture, Graduate School of Engineering, the University of Tokyo as a full Professor. His key research areas are seismic design of steel building structures, passive control structures, base-isolated structures and earthquake engineering. His domain of expertise is experimental studies and response analysis of steel building structures. He has published around 200 journal papers in this field. He was awarded the Architectural Institute of Japan (AIJ) Prize in 2014. From 2019 to 2020, he was a Vice President of Japan Association for Earthquake Engineering (JAEE).

Themes

- Blast and Impact Engineering
- Structural Health Monitoring
- Earthquake Engineering and Vibration Control
- Multi-Hazard Resistance and Disaster Mitigation
- Emerging Materials and Structural Systems
- AI in Structural Engineering
- Structural and Computational Mechanics
- Resilient Structures and Structural Performance
- Structural Dynamics and Dynamic Analysis
- Concrete Structures and Materials
- Steel Structures and Composite Structures
- Structural Strengthening and Retrofitting
- Bridge and Tunnel Engineering
- Structural Reliability and Optimization

Registration Fee

	Early Bird (Until 1 Aug 2025)	Regular (After 1 Aug 2025)
Full Participant	950 AUD	1100 AUD
Student	750 AUD	900 AUD

Important Dates

Deadline for special session/symposium proposal: 1 April 2025

Deadline for abstract submission: 15 April 2025

Notification of abstract acceptance: 15 May 2025

Full paper (optional) submission close: 15 June 2025

Notification of full paper acceptance: 15 July 2025

Early bird registration: 1 Aug 2025

Conference dates: 1-4 Dec 2025

Awards

CIMP Outstanding Researcher Award / Young Researcher Award

CIMP Outstanding Researcher Award and Young Researcher Award will recognize exceptional researcher and young researcher (aged below 35 as of 1st December, 2025), who have made internationally recognised contributions and demonstrate strong potential for future achievements in infrastructural monitoring and protection through research, development and/or engineering applications. Nominations will open soon.

CIMP1-2025 Conference Best Paper Award / Student Presentation Award

CIMP1-2025 conference will present the Best Paper Award and Best Student Presentation Award. The Best Paper Award is open to all registered conference participants who have submitted and presented their full papers at the conference. The Best Student Presentation Award is open to students as of 1st December, 2025. Candidates must be the first or corresponding authors of their submissions (abstract or full paper) and present their work at the conference. Participants must opt in for the awards competition when registering.

Abstract Submission

If you would like to do the presentation, please submit your abstract using the abstract template on the website to the conference email: cimp2025@curtin.edu.au.

Full paper submission is optional.

Call for Special Session/Mini-Symposium

Special session (SS) or Mini-Symposium (MS) concentrate on a particular topic relevant to the conference. There are typically six presentations in an SS, and an MS is composed of no fewer than two special sessions. Participants interested in organizing an SS/MS are requested to submit a proposal through email by **1 April 2025**. The proposal should consist of the following information: (1) session title; (2) the organizer(s) of the session; and (3) a list of potential speakers. An invited speaker can be arranged in the SS/MS for every six registered presentations.

SS/MS proposal template download: [link](#)

Confernece Organizers

Centre for Infrastructural Monitoring and Protection (CIMP), School of Civil and Mechanical Engineering, Curtin University, Perth, Australia

Earthquake Engineering Research & Test Center, Guangzhou University, Guangzhou, China

Contact Information

Should you have any questions about the conference, please contact via email: cimp2025@curtin.edu.au

Conference Website: <https://cimp1-2025.org/>

