APCOM-ACCM
Brisbane2025

December 7-10, 2025

9th Asian Pacific Congress on Computational Mechanics &

7th Australasian Conference on Computational Mechanics

The 9th Asian Pacific Congress on Computational Mechanics (APCOM 2025) and the 7th Australasian Conference on Computational Mechanics (ACCM) will be held on December 7-10, 2025, in Brisbane, Australia. The objective is to bring together researchers and users of computational mechanics (CM) in the region to meet and present their work.

Chair
Prof YuanTong Gu, Queensland University of Technology

Honorary Chair
Em/Prof Grant Steven, University of Sydney

Co-Chair
Prof Emilie Sauret, Queensland University of Technology
Prof Qing Li, University of Sydney
Prof Nasser Khalili, University of New South Wales

Local Organising Committee
Dr Yilin Gui, Queensland University of Technology
Prof Haifei Zhan, Zhejiang University
Dr Charith R. Mudiyanselage, University of the Sunshine Coast
Dr Zhongzheng Wang, Queensland University of Technology
Prof Prasad Yarlagadda, University of Southern Queensland
Dr Vivien Challis, Queensland University of Technology
Prof Chien Ming Wang, University of Queensland
Dr Dorival Pedroso, University of Queensland
Prof Adrian Russell, University of New South Wales
Prof Daichao Sheng, University of Technology Sydney
Prof Chongmin Song, University of New South Wales
Prof Yimin (Mike) Xie, RMIT University
Prof Hong Guan, Griffith University
Prof Nam Mai-Duy, University of Southern Queensland
Prof Sarah Zhang, Western Sydney University
Prof Ha Bui, Monash University
To be updated

Scientific Committee
Prof Soo-Won Chae, Korea
Prof Y. K. Cheung, Hong Kong
Prof C. S. David Chen, Taiwan
Prof Fangsen Cui, Singapore
Prof Worsak Kanok-Nukulchai, Thailand
Prof Kazuo Kashiyama, Japan
Prof Yoon Young Kim, Korea
Prof Andrew Leung, Hong Kong
Prof GuiRong Liu, Singapore/USA
Prof Shinobu Yoshimura, Japan
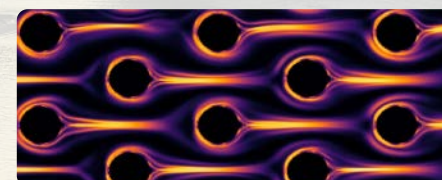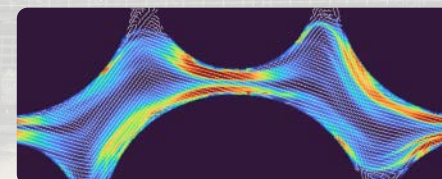Prof Sung-Kie Youn, Korea
Prof Yao Zheng, China
Prof Zhuo Zhuang, China
Prof Tarun Kant, India
Prof Hung Nguyen Xuan, Vietnam
Prof Ahmad Kamal Ariffin, Malaysia
To be updated

Proposed Themes

The conference is intended to cover all aspects of computational mechanics in all disciplines of engineering and physics. Topics include but not limited to:

- Adaptive meshing for fluid dynamics
- Data science and data-driven modelling
- Advanced numerical methods and algorithms
- Computational materials sciences
- Computational micromechanics and nanomechanics
- Computational methods for nanotechnology, MEMS/NEMS devices
- Computational fluid dynamics
- Computational geosciences
- Computational imaging and visualization, virtual reality, augmented reality
- Computational methods for safety problems
- Computational methods for engineering asset management
- Numerical modelling for fluid-structure interactions, multifields and Multiphysics problems
- Multiscale modelling and simulation
- Computational electromechanical and magneto mechanical
- Computational environmental, energy and resource engineering
- Experimental mechanics, simulation, validation
- Geometrically and materially nonlinear problems, computational constitutive modelling
- Inverse problems, identification, data and signal processing
- Industrial applications: automotive, materials, chemical engineering, medical, manufacturing, civil and construction engineering

Minisymposia

Call for proposals for minisymposia is now open.

Please submit your proposal here:

https://apcom2025.org/call_for_minisymposia

Important Dates

Date	Event
1 July 2024 – 31 December 2024	Minisymposium proposal submission
15 January – 15 March 2025	Call for abstract
31 March - 31 May 2025	Early registration
31 May 2025	Deadline for presenting authors to register
1 June – 15 November 2025	Standard registration
7-10 December 2025	Congress dates

Conference Website
🌐 https://apcom2025.org

Mailbox
✉ apcom2025@qut.edu.au

TOURISM & EVENTS Queensland

Apacm

AUSTRALIAN ASSOCIATION FOR COMPUTATIONAL MECHANICS