

APVC 2025

THE 21ST ASIA PACIFIC VIBRATION CONFERENCE

First Call for Papers

24 – 27 November, 2025 / University of Auckland,
Auckland, New Zealand

URL: <https://ldc.eng.hokudai.ac.jp/apvc2025.html>



Invitation

The 21st Asia Pacific Vibration Conference (APVC 2025) will be held at the University of Auckland in Auckland, New Zealand from 24th – 27th November 2025. We are proud to invite engineers, scientists and students from the Asia Pacific region and elsewhere to share their latest vibration and control related scientific research as well as industrial developments and applications.

The APVC is an international conference series established by a group of reputable researchers/academics from the Asia Pacific countries in 1980s to encourage scientific and technical exchange and cooperation on vibration and vibration related fields. The previous conferences were successfully held in Japan (1985), Korea (1987), China (1989), Australia (1991), Japan (1993), Malaysia (1995), Korea (1997), Singapore (1999), China (2001), Australia (2003), Malaysia (2005), Japan (2007), New Zealand (2009), Hong Kong (2011), Korea (2013), Vietnam (2015), China (2017), Australia (2019), China (2021) and Japan (2024). The APVC aims to bring researchers, engineers, and students from, but not limited to, the Asia Pacific countries in a collegial and stimulating environment to present the most recent advances in theories, technologies, and new applications regarding vibration and sound. This conference pays special attention to cultivating a sociable and professional atmosphere to encourage socializing, and networking between attendees, and to forge new friendships and consolidate the existing ones, in addition to the benefits of exchanging new ideas and technologies.

Conference Site

Auckland, New Zealand, offers a blend of urban sophistication, stunning natural beauty, and top-tier facilities. As the country's financial and economic hub, Auckland boasts a proven track record of hosting successful business events. The city offers world-class convention and accommodation options, easily accessible from a modern international airport, with visa-free entry for passport holders from 60 countries. As a thriving innovation hub in the Asia-Pacific region, Auckland provides the perfect environment for international delegates to connect and collaborate. Additionally, the city's unique Māori and Polynesian culture, coupled with diverse cultural activities and adventures, ensures an unforgettable experience for all attendees.

Steering Committee

Takuya Yoshimura (Tokyo Metropolitan University, Japan) (**Chairman**)
Toshihiko Komatsuzaki (Kanazawa University, Japan)
No-Cheol Park (Yonsei University, Korea)
Li Cheng (Hong Kong Polytechnic University, Hong Kong)
Jinhao Qiu (Nanjing University of Aeronautics and Astronautics, China)
Zhichao Hou (Tsinghua University, China)
Tianran (Terry) Lin (Qingdao University of Technology, China)
M. Salman Leong (University of Technology, Malaysia)
Lim Meng Hee (University of Science, Malaysia)
Nguyen Van Khang (HUST, Vietnam)
Ben Halkon (University Technology Sydney, Australia)
Jinchen Ji (University Technology Sydney, Australia)
Yoshihiro Narita (Hokkaido University, Japan) (Honourable)
Hong Hee Yoo (Hanyang University, Korea) (Honourable)
Athol J. Carr (University of Canterbury, New Zealand) (Honourable)
Ban Chun Wen (Northeastern University, China) (Honourable)

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Website: <https://ldc.eng.hokudai.ac.jp/apvc2025.html>

Scope

Papers dealing with the general areas of vibration, noise, dynamics and control will be considered for the conference, which include:

- General acoustics
- Noise and vibration control
- Dynamics and control of machines and structures
- Nonlinear vibrations and control
- Computational methods of vibrations
- Theoretical modal analysis
- Experimental modal testing
- Measurement technique and sensors
- Flow-induced vibrations in structures
- Rotor dynamics
- Vehicle system dynamics and control
- Wind turbine dynamics and control
- Energy harvesting systems
- Utilization of vibrations
- Multibody dynamics
- Active and passive vibration control
- Dynamic behaviour of materials and vibration absorbing materials
- Dynamic model updating and system identification
- Structural health and machine condition monitoring
- Dynamics of transport systems
- Vibration isolation and reduction
- Dynamics and vibration of composite and nanocomposite structures
- Dynamics of non-smooth systems
- Dynamics and control of networked systems
- Dynamics and control of robotic systems
- Emerging technologies

Important Dates

- Submission of special session proposals: **31 March 2025**
- Abstract submission deadline: **21 April 2025**
- Notification of abstract acceptance: **11 May 2025**
- Opening of early registration: **14 May 2025**
- Full paper submission deadline: **24 July 2025**
- Notification of paper acceptance: **24 August 2025**
- Deadline of early registration: **3 September 2025**
- Submission of final papers: **6 October 2025**

Abstract Submission

All authors are kindly requested to submit abstracts through the APVC 2025 website. Abstracts should be less than 250 words without any pictures and equations.

Organizing Committee

Prof. Sinniah Ilanko (University of Waikato, New Zealand)
Prof. Brian Mace (University of Auckland, New Zealand)
Dr Yusuke Mochida (University of Waikato, New Zealand)
Prof. Yoshihiro Narita (Hokkaido University, Japan)
A/Prof. Shinya Honda (Hokkaido University, Japan)



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