

17th MoViC 2024

20th APVC 2024

August 5 – 8, 2024

Nihon University, Tokyo, Japan



CALL FOR PAPERS

Organizers

General Co-Chairs

Masaki Takahashi (MoViC, Chair)

Keio University, Japan

Chihiro Nakagawa (MoViC, Co-Chair)

Osaka Metropolitan University, Japan

Masahiko Aki (MoViC, Co-Chair)

Nihon University, Japan

Takuya Yoshimura (APVC, Chair)

Tokyo Metropolitan University, Japan

Toshihiko Komatsuzaki

(APVC, Co-Chair)

Kanazawa University, Japan

TPC Co-Chairs

Pongsathorn Raksincharoensak (MoViC)

Tokyo University of Agriculture and Technology, Japan

Shoichiro Takehara (MoViC)

Sophia University, Japan

Motomichi Sonobe (MoViC)

Kochi University of Technology, Japan

Keisuke Yamada (APVC)

Kansai University, Japan

Hiroyuki Iwamoto (APVC)

Seikei University, Japan

Important Dates

Abstract submission

February 15, 2024

Acceptance notification

March 15, 2024

Full Paper submission

April 15, 2024

Acceptance notification

May 30, 2024

Final paper & presentation file submission

June 30, 2024

Visit the website for the most up to date information relating to abstract submission, tutorials, and special sessions information and deadlines



Introduction

We are pleased to invite you to participate in the Joint International Conference on Motion and Vibration Control (MoViC 2024) and Asia-Pacific Vibration Conference (APVC2024) to be held August 5-8, 2024 in Tokyo, Japan.

MoViC is organized once every two years. It aims to stimulate the research on motion and vibration control by promoting exchange among academic researchers, engineers, and students of every field concerning dynamics and control over the world. It started in Yokohama, Japan in 1992 and has been held in Japan(1994), Japan(1996), Switzerland(1998), Australia(2000), USA(2004), Korea(2006), Germany (2008), Tokyo(2010), USA(2012), Japan(2014), UK(2016), Korea(2018), Japan(2020) and USA(2022). The purpose of MOVIC is to discuss recent progress in the fields of motion and vibration control and their application to the industrial, economic and environmental issues.

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 conference aims to bring researchers, engineers and students from, but not limited to the Asia Pacific countries, to present the most recent advances in theories, technologies and new applications regarding vibration and sound. 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) and China(2021). We are honored to celebrate the 20th opening for the next APVC 2024. It would be a great opportunity to celebrate this memorial occasion with another historical event of MoViC.

Topics

MoViC 2024

Vibration Control, Vehicle Dynamics and Control, Robot Dynamics and Control, Rotor Dynamics and Control, Control of Civil Infrastructures, Model-Driven Systems Development, Smart Structures and Control, Smart Sensors and Sensor Network, Control of Micro and Nano Structures, Structural Acoustics and Control, Energy Management and Eco Systems, Energy Harvesting, Noise Control and 3D Sound Rendering, Control of Fluid/Structure Interaction, Damage Detection and Structural Health Monitoring, Dynamics and Control of Multibody Systems, Intelligent Transport Systems, Active Safety Systems, Control Technology for Tele-Operation Systems, Human-Machine Interface, Control Devices, Sensors and Actuators, and etc.

Abstract Submission

All authors are kindly requested to submit abstracts through the MoViC2024 & APVC 2024 website by January 8, 2024.

Contact

E-mail: movic-apvc2024@jsme.or.jp

APVC 2024

General acoustics, Noise and vibration control, Dynamics and control of machines and structures, Nonlinear vibrations and control, Computational and analytical methods of vibration, Experimental methods of vibration, Measurement technique and sensors, Flow-induced vibrations in structures, Rotor dynamics, Vehicle system dynamics and control, Vibration energy harvesting, Utilization of vibrations, Multibody dynamics, Active and passive vibration control, Dynamic behavior of materials, Structural health and machine condition monitoring, Dynamics of transport systems, Vibration isolation and reduction, Dynamics and vibration of composite structures, Metamaterials for sound and vibration control, and etc.