

2025 ASME Vibration and Noise Conference

37th ASME Conference on Mechanical Vibration and Noise (Track VIB)

<https://sites.google.com/view/asmevib2025>

As Part of the ASME International Design Engineering Technical Conferences (IDETC)

<https://event.asme.org/IDETC-CIE>

August 17-20, 2025

Hilton Anaheim, Anaheim, California, USA

Description

VIB is a premier technical conference for the research and practice of vibration and sound engineering. An overall goal of the conference is to foster and promote the exchange of ideas and information among engineers and researchers in the vibration and sound community. Papers are sought at the forefront of emerging fields, from traditional and non-traditional academic research, and those driven by industrial applications. Experimental, analytical, and computational studies are all welcome.

Track Chairs

- Chair: Neda Maghsoodi, University of Southern California, maghsoodi@usc.edu
- Co-chair: Keegan Moore, Georgia Institute of Technology, kmoore@gatech.edu
- Co-chair: Mohammad Bukhari, Wayne State University, bukhari@wayne.edu

Symposia

VIB-01: Nonlinear Dynamics and Control of Smart Structures and Systems

VIB-02: Nonlinear Dynamics of Systems and Nonlinear Phenomena

VIB-03: Contact Dynamics of Mechanical Structures

VIB-04: Data-Driven and Machine Learning Techniques in Vibrations and Dynamics

VIB-05: Dynamics of Biological, Bio-Inspired and Biomimetic Systems

VIB-06: Industry Applications of Vibration, Shock, Acoustics and Dynamics

VIB-07: Dynamics & Waves in Solids, Acoustic Metamaterials, and Architected Materials

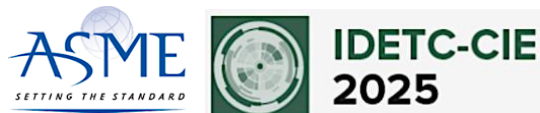
VIB-08: Energy Harvesting

VIB-09: Vibration Measurement, Signal Processing, and Structural Damage Detection

VIB-10: General Dynamics, Vibration, and Acoustics

Abstract and Paper Submission

Submit papers and extended abstracts at:
<https://idetccsecureplatform.com/>



International Design Engineering Technical Conferences & Computers and Information in Engineering Conference

Event Highlights

- NSF workshop by Program Directors of [NSF DCSD program](#).
 - One-on-one office hours with Program Directors of NSF DCSD program.
 - Student paper competition with cash prizes.
 - Travel supports for students and postdocs.
 - Childcare supports for VIB attendees.
 - Industry-Academia career panel.
- Check out the [VIB website](#) for details.

Keynotes

- Invited Keynote speaker:
Professor Chiara Daraio,
California Institute of Technology.
- 2025 ASME J. P. Den Hartog Award
Professor Richard Rand,
Cornell University
- 2025 ASME C.D. Mote Jr, Early Career Award
Professor Malte Krack,
University of Stuttgart, Germany
- 2025 ASME Mary Baker Industry Achievement Award

Deadlines

<u>Submission of full paper</u>	March 17, 2025
<u>Presentation only extended abstracts:</u>	April 21, 2025
<u>Decision notification:</u>	April 28, 2025
<u>Submission of copyright</u>	May 16, 2025
<u>Final paper submission:</u>	May 19, 2025