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CONFERENCE

August 26-29, 2018

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30th Conference on Mechanical Vibration and Noise (VIB)

Details

Conference

Alper Erturk - Technical Program Chair

Georgia Institute of Technology
Atlanta, GA, United States

Matt Allen - Technical Program Co-Chair

Dept Engineering Physics, University of Wisconsin, Madison
Middleton, WI, United States

Welcome to the 30th Conference on Mechanical Vibration and Noise (VIB). We invite you to participate in this longstanding event that brings together researchers from across the globe to share ideas and results on all aspects of Vibration and Noise Engineering. Papers are solicited in the areas of dynamics, vibration, acoustics, and control. The conference theme is broad, covering aspects of vibratory systems from emerging fields such as smart structures and bio-mechanical systems, to traditional areas of research. This Conference is sponsored by the Technical Committee on Vibration and Sound and supported by the Technical Committee on Multibody Systems and Nonlinear Dynamics, and the Technical Committee on Micro and Nano Structures. Please do not hesitate to contact us with your questions. We look forward to seeing you in Quebec City, Canada. Student Paper Competition: The Technical Committee on Vibration and Sound (TCVS) invites students to submit papers to the TCVS Student Paper Competition, a part of the Conference on Mechanical Vibration and Noise (VIB). This annual competition will be held at the 30th VIB Conference. No more than three prizes (First, Second and Third) will be awarded. These prestigious awards will be presented after a very thorough and detailed review of the written papers by multiple judges selected from the TCVS. The First Place Award carries an honorarium of \$500, the Second Place Award carries an honorarium of \$300, and the Third Place Award carries an honorarium of \$100. The manuscripts should be submitted by the deadline for the general sessions. In order for the paper to be entered into the VIB conference student paper competition, it must be submitted as a "Student Paper Competition" submission under paper type on the manuscript submission page and it must be submitted to a symposium within the VIB conference. Additionally, the first author of a paper must be a student at the time of submission to enter the competition. A first author student shall not be an author of more than one paper in the competition. A faculty adviser shall not be a co-author in more than two papers in the student paper competition. The award is contingent on the student presenting the paper at the conference. Alper Erturk, VIB Conference Chair, Georgia Institute of Technology, alper.erturk@me.gatech.edu Matthew S. Allen, VIB Program Chair, University of Wisconsin-Madison, msallen@engr.wisc.edu Objectives Authors and presenters are invited to participate in this event to expand international cooperation, understanding

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Mechanical Vibration and Noise (VIB) will serve as the foundation upon which the conference program of this area will be developed. A variety of topics/sessions are available for presentations as it allows flexibility to the authors. All sessions are quality driven.

Sort By Title

VIB-7 Dynamics and Waves in Solids and Metamaterials	Symposium
VIB-12 Dynamics of MEMS and NEMS (VIB/MNS-2)	Symposium
VIB-11 Emerging Systems and Applications	Symposium
VIB-10 Industrial Applications of Dynamics, Vibration, and Acoustics	Symposium
VIB-6 Jointed Structures, Contact, Friction, and Damping	Symposium
VIB-4 Nonlinear Systems and Phenomena	Symposium
VIB-8 Rotating Systems and Rotor Dynamics (VIB/MSNDC-6)	Symposium
VIB-2 Structures and Continuous Systems	Symposium
VIB-9 System Identification, Damage Detection and Diagnostics	Symposium
VIB-1 TCVS Keynote and Award Lectures	Symposium
VIB-5 Vibration and Stability of Mechanical Systems	Symposium
VIB-3 Vibration Control, Energy Harvesting, and Smart Structures (VIB/MSNDC-1)	Symposium

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