ISWAV 2024 Announcement

The 9th International Symposium and Workshop on Acoustics and Vibration
22–26 October 2024, Ningbo, China

An international symposium to promote discussion of advances in fundamentals and applications in acoustics and vibration

Scope

ISWAV is a focused symposium where experts in the fields of acoustics and vibration convene to discuss and exchange ideas in current and emerging areas of research. The symposium emphasizes conference workshops with strong tutorial values for participants and students. Workshop topics are chosen to relate closely to the theme of ISWAV, and the keynote speeches enable participants to gain the most from the various discussions throughout the entire symposium. The venue for ISWAV 2024 is the 1F conference room in Bldg 1 of the Eastern institute of Technology, 568 Tongxin Rd, in the coastal and cultural city of Ningbo, China.

Title Submission

Speakers are invited to submit the titles of their presentations as soon as possible. The Scientific Committee particularly encourages submission of work by students to compete for the Best Student Presentation Award.

General Information

Website: https://iswav.com, inquiry: staff@iswav.com

Important Dates

October 20	Title submission deadline
October 22–25	On-site registration and check-in
October 23–25	Exposition featuring HBK and Aihua
October 23	Tutorial workshops
October 24–25	Technical presentations
October 26	Ningbo Science Hall Activity(科学咖啡馆)

Plenary Speakers

D. Dane Quinn, University of Akron, US: Modeling Systems with Isolated Nonlinearities

Ali Djafari, Paris-Saclay University (Univ. Paris 11), France: Vibro-Acoustic Data based Machine Learnings, Bayesian Inference and Quantifying Uncertainties

Tudor Stefan Ratiu, Shanghai Jiaotong University, China: Symmetry driven conservative dynamics and modeling

Tutorial Workshops

Ali Djafari, Paris-Saclay University (Univ. Paris 11), France: Model Based and Physics Informed Deep Learning NN Structures: Application in Acoustic imaging

D. Dane Quinn, University of Akron, US: Nonlinear Dynamics and Perturbation Methods - Developing Approximate Solutions

Yan Wang, HBK - Hottinger Brüel & Kjaer, China: Latest development of HBK noise source identification technology and new product introduction

Conference Chairs

Lawrence A. Bergman (Conference Co-Chair), Department of Aerospace Engineering, University of Illinois at Urbana-Champaign, US

Huancai Lu (Conference Co-Chair), Ningbo Institute of Digital Twin, Eastern institute of Technology, China

Chin-An Tan (Program Co-Chair), Department of Mechanical Engineering, Wayne State University, US

D. Michael McFarland (Program Co-Chair), Ningbo Institute of Digital Twin, Eastern institute of Technology, China

Scientific Committee

Li Cheng, Hong Kong Polytechnic University, China
Cyrille Breard, Noise and Vibration Division, Commercial Aircraft Corporation of China
Xiangmin Tang, Ningbo Institute of Digital Twin, China
Oleg V. Gendelman, Faculty of Mechanical Engineering, Technion-Israel Institute of Technology, Israel
Lixi Huang, Department of Mechanical Engineering, The University of Hong Kong, China
Erik A. Johnson, Department of Civil Engineering, University of Southern California, US
Charlie Z. Zheng, Department of Mechanical and Aerospace Engineering, Utah State University, US
Jiangming jin, Zhejiang University of Technology, China
Zubin Liu, Zhejiang University of Technology, China
Tudor Stefan Ratiu, School of Mathematical Science, Shanghai Jiaotong University, China
Wen Li, AIS Company, China
Tianran Lin, Qing Dao University of Technology, China
Billie F. Spencer, Department of Civil and Environmental Engineering, University of Illinois at Urbana-Champaign, US
Alexander Vakakis, Department of Mechanical Sciences and Engineering, University of Illinois at Urbana Champaign, US
Yizhou Zhuang, College of Civil Engineering, Zhejiang University of Technology, China
M. Arif Hasan, Department of Mechanical Engineering, Wayne State University, US
Hanbo Jiang, Eastern Institute of Technology, China
Ali Djafari, Paris-Saclay University (Univ. Paris 11), France
Ning Chu, Zhejiang Shangfeng Special Blower Co. Ltd, China
Stephanos Theodossiades, School of Mechanical, Electrical and Manufacturing Engineering, Loughborough University, UK