

XLII IMAC

STANDING ON THE
SHOULDERS OF GIANTS

JANUARY 29 - FEBRUARY 1, 2024

IMAC is a conference and exposition on structural dynamics and has evolved to encompass the latest technologies supporting that field, including modal analysis, nonlinear dynamics, civil structures, data science, uncertainty quantification, and many other topics spanning the full range of engineering disciplines. For our 2024 conference in Orlando, Florida, the theme will be “Standing on the shoulders of giants” and will feature talks and sessions that highlight the contributions of people who have had a profound impact on the research that we do and on whose influence has helped make SEM the friendly society. We have all benefited from the legacy left by these giants and look forward to celebrating their lives and accomplishments. And of course, the conference will also contain the full array of outstanding technical sessions in a wide range of areas as highlighted above. We encourage you to present your work if it pertains to any of the topics listed in this call. Thank you for your participation and ideas, which help to keep IMAC responsive to the needs of the structural dynamics community.

Be sure to visit the [SEM website](#) to learn more about IMAC and our community.



IMAC-XLII is being planned as a fully in-person event at:
Rosen Plaza Hotel | Orlando, FL

NONPROFIT ORG
U.S. POSTAGE PAID
DANBURY, CT
PERMIT NO. 3015

ACCEPTING STRUCTURAL DYNAMICS ABSTRACTS UNDER THE FOLLOWING TOPICS, AND MORE:

Active Control	Aerospace Testing Techniques
Analytical Methods	Aircraft/Aerospace
Energy Harvesting	Biomedical Applications
Experimental Techniques	Modal Parameter Identification
Finite Element Techniques	Rotating Machinery
Multifunctional Structures	System Identification
Data Science in Engineering	Model Validation & Uncertainty Quantification
Dynamic Environments Testing	Nonlinear Structures & Systems
Dynamic Substructures	Computer Vision for Structural Dynamics
Dynamics of Civil Structures	Laser Vibrometry Methods & Applications (SLDV)
Modal Analysis and Structural Dynamics	Sensors & Instrumentation
Additive Manufacturing	

SUBMISSION INFORMATION

All abstracts must be submitted electronically via the following abstract submission link: sem.org/imac

Acceptance of a paper is based on the requirement of the author to present the accepted paper at the conference. Accepted authors are expected to submit either an extended abstract or full paper for inclusion in the attendee download.

IMPORTANT DATES

June 15-22, 2023

Abstracts due to SEM

Mid August 2023

Authors notified via e-mail of acceptance status

October 2, 2023

Accepted authors required to submit final paper electronically

November 15, 2023

Early Bird registration ends (5:00 p.m. EST)

December 25, 2023

Hotel discount ends

TECHNICAL DIVISION BEST PAPER AWARDS

Some SEM Technical Divisions offer Best Paper awards within their tracks at both IMAC and the SEM Annual Conference. Award descriptions and guidelines are posted on the individual Technical Division's web pages at sem.org



Organized by the
Society for Experimental Mechanics, Inc.
7 School Street, Bethel, CT 06801
(203) 790-6373 | www.sem.org