


River Publishers Series in Conference Proceedings of the Society for Experimental Mechanics Series

# Nonlinear Structures & Systems, Vol. 1

## Proceedings of the 43rd IMAC, A Conference and Exposition on Structural Dynamics 2025

**Editors:**
Ludovic Renson, Imperial College London, UK
Robert Kuether, Sandia National Laboratories, USA
Paolo Tiso, ETH Z¨urich, Switzerland
Drithi Shetty, University of South Florida, USA.
**ISBN:** 9788743801467
**e-ISBN:** 9788743801580
**Available From:** July 2025
**Price:** € 0.00

**Description:**
The Conference Proceedings of the Society for Experimental Mechanics Series presents early findings and case studies from a wide range of fundamental and applied work across the broad range of fields that comprise Experimental Mechanics. Series volumes follow the principle tracks or focus topics featured in each of the Society's two annual conferences: IMAC, A Conference and Exposition on Structural Dynamics, and the Society's Annual Conference & Exposition and will address critical areas of interest to researchers and design engineers working in all areas of Structural Dynamics, Solid Mechanics and Materials Research

**Keywords:** Experimental Nonlinear Dynamics, Jointed Structures: Identification, Mechanics, Dynamics, Nonlinear Damping, Nonlinear Modeling and Simulation, Nonlinear Reduced-Order Modeling, Nonlinearity and System Identification , Nonlinearities & Applications, Nonlinear Normal Modes & Interactions