

Preface

Special Topics in Structural Dynamics represents one of ten volumes of technical papers presented at the 35th IMAC, A Conference and Exposition on Structural Dynamics, organized by the Society for Experimental Mechanics, and held in Garden Grove, California, January 30–February 2, 2017. The full proceedings also include volumes on Nonlinear Dynamics; Dynamics of Civil Structures; Model Validation and Uncertainty Quantification; Dynamics of Coupled Structures; Sensors and Instrumentation; Structural Health Monitoring & Damage Detection; Rotating Machinery, Hybrid Test Methods, Vibro-Acoustics and Laser Vibrometry; Shock & Vibration, Aircraft/Aerospace and Energy Harvesting, and Topics in Modal Analysis & Testing.

Each collection presents early findings from experimental and computational investigations on an important area within Structural Dynamics. *Special Topics in Structural Dynamics* represents papers on enabling technologies for General Dynamics in both Modal Analysis Measurements, & System Identification; and Damage Detection.

The organizers would like to thank the authors, presenters, session organizers, and session chairs for their participation in this track.

Sheffield, UK

Nikolaos Dervilis

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