

Preface

Topics in Modal Analysis & Testing represents one of ten volumes of technical papers presented at the 34th IMAC, A Conference and Exposition on Structural Dynamics, organized by the Society for Experimental Mechanics and held in Orlando, Florida, January 25–28, 2016. 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; special topics in structural dynamics; structural health monitoring, damage detection, and mechatronics; and rotating machinery, hybrid test methods, vibro-acoustics and laser vibrometry, shock and vibration, aircraft/aerospace, energy harvesting, acoustics and optics.

Each collection presents early findings from experimental and computational investigations on an important area within structural dynamics. Topics in modal analysis represent papers on enabling technologies for modal analysis measurements and applications of modal analysis in specific application areas.

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

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