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Experimental Techniques, Rotating Machinery, and Acoustics, Volume 8

Proceedings of the 33rd IMAC, A Conference and Exposition
on Structural Dynamics, 2015

Editor

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Preface

Experimental Techniques, Rotating Machinery & Acoustics, represents one of ten volumes of technical papers presented at the 33rd IMAC, A Conference and Exposition on Structural Dynamics, 2015 organized by the Society for Experimental Mechanics, and held in Orlando, Florida February 2–5, 2015. The full proceedings also include volumes on Nonlinear Dynamics; Dynamics of Civil Structures; Model Validation and Uncertainty Quantification; Sensors and Instrumentation; Special Topics in Structural Dynamics; Structural Health Monitoring & Damage Detection; Shock & Vibration Aircraft/Aerospace, Energy Harvesting; and Topics in Modal Analysis.

Each collection presents early findings from experimental and computational investigations on an important area within Structural Dynamics. *Topics in Modal Analysis I* represents papers on enabling technologies for Modal Analysis measurements such as Sensors & Instrumentation, and applications of Modal Analysis in specific application areas. Topics in this volume include:

- Experimental Techniques
- Processing Modal Data
- Rotating Machinery
- Acoustics
- Adaptive Structures
- Biodynamics
- Damping

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

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J. De Clerck

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