River Publishers

Model Validation and Uncertainty Quantification, Volume 3

Proceedings of the 34th IMAC, A Conference and Exposition on Structural Dynamics 2016

Editors:

Sez Atamturktur, The Society for Experimental Mechanics, Bethel, USA

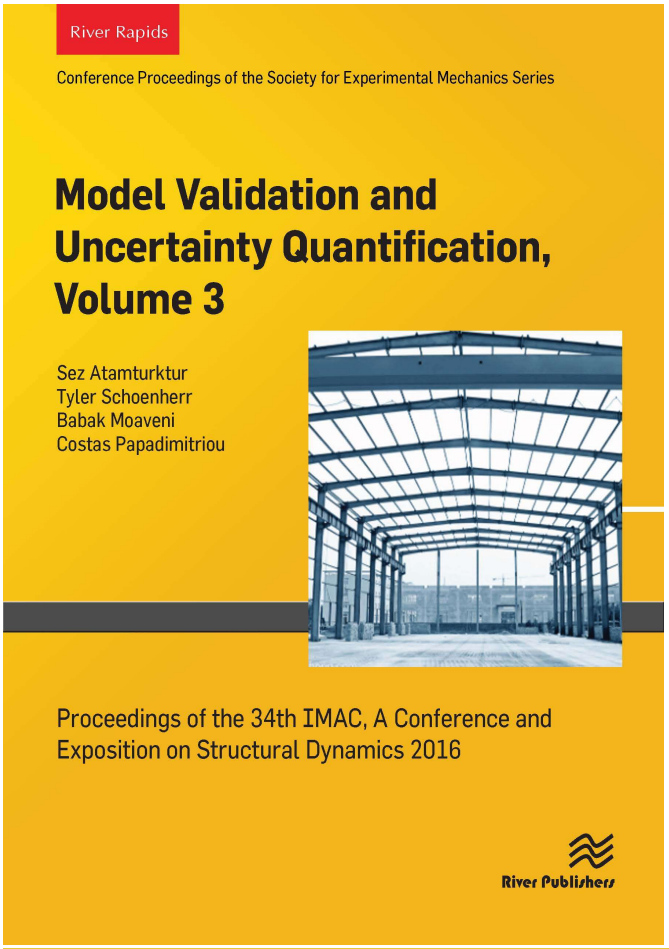
Tyler Schoenherr, The Society for Experimental Mechanics, Bethel, USA

Babak Moaveni, The Society for Experimental Mechanics, Bethel, USA

Costas papadimitriou, The Society for Experimental Mechanics, Bethel, USA

Model Validation and Uncertainty Quantifi cation, Volume 3. Proceedings of the 34th IMAC, A Conference and Exposition on Dynamics of Multiphysical Systems: From Active Materials to Vibroacoustics, 2016, the third volume of ten from the Conference brings together contributions to this important area of research and engineering. Th e collection presents early findings and case studies on fundamental and applied aspects of Structural Dynamics, including papers on:

- Uncertainty Quantifi cation & Model Validation
- Uncertainty Propagation in Structural Dynamics
- Bayesian & Markov Chain Monte Carlo Methods
- Practical Applications of MVUQ
- Advances in MVUQ & Model Updating
- Robustness in Design & Validation
- Verifi cation & Validation Methods



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

e-ISBN: 9788743802952
Available From: June 2016
Price:

KEYWORDS:
Uncertainty Quantification & Model Validation Uncertainty Propagation in Structural Dynamics Bayesian & Markov Chain Monte Carlo Methods Practical Applications of MVUQ Advances in MVUQ & Model Updating

www.riverpublishers.com
marketing@riverpublishers.com