



**River Publishers**

## Model Validation and Uncertainty Quantification, Volume 3

Proceedings of the 36th IMAC, A Conference and Exposition on Structural Dynamics 2018

**Editor:** Robert Barthelemy, The Society for Experimental Mechanics, Bethel, USA

Model Validation and Uncertainty Quantification, Volume 3: Proceedings of the 36th IMAC, A Conference and Exposition on Structural Dynamics, 2018, the third volume of nine from the Conference brings together contributions to this important area of research and engineering. The collection presents early findings and case studies on fundamental and applied aspects of Model Validation and Uncertainty Quantification, including papers on:

- Uncertainty Quantification in Material Models
- Uncertainty Propagation in Structural Dynamics
- Practical Applications of MVUQ
- Advances in Model Validation & Uncertainty Quantification: Model Updating
- Model Validation & Uncertainty Quantification: Industrial Applications
- Controlling Uncertainty
- Uncertainty in Early Stage Design
- Modeling of Musical Instruments
- Overview of Model Validation and Uncertainty

River Rapids

Conference Proceedings of the Society for Experimental Mechanics Series

## Model Validation and Uncertainty Quantification, Volume 3

Robert Barthelemy



Proceedings of the 36th IMAC, A Conference and Exposition on Structural Dynamics 2018



## River Publishers Series in Society for Experimental Mechanics Proceedings

e-ISBN: 9788770049672

Available From: July 2018

Price:

### KEYWORDS:

Uncertainty Quantification in Material Models  
Uncertainty Propagation in Structural Dynamics  
Practical Applications of MVUQ  
Advances in Model Validation & Uncertainty Quantification: Model Updating  
Controlling Uncertainty  
Uncertainty in Early Stage Design  
Modeling of Musical Instruments  
Overview of Model Validation and Uncertainty



[www.riverpublishers.com](http://www.riverpublishers.com)  
[marketing@riverpublishers.com](mailto:marketing@riverpublishers.com)