River Publishers

Residual Stress, Thermomechanics & Infrared Imaging, Hybrid Techniques and Inverse Problems?Vol. 9

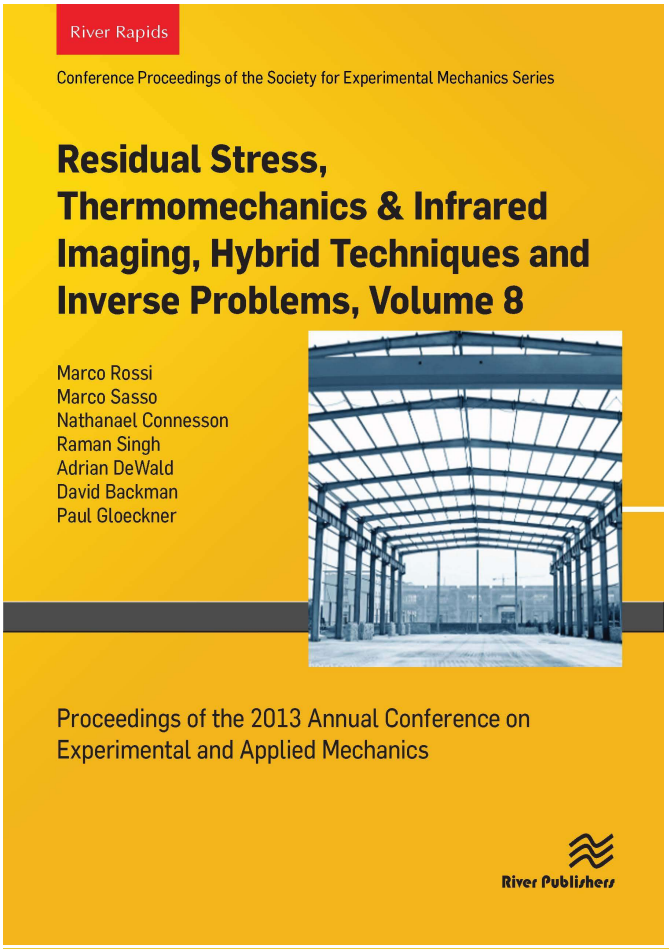
Proceedings of the 2013 Annual Conference on Experimental and Applied Mechanics

Editors:

Marco Rossi, The Society for Experimental Mechanics, Bethel, USA
Marco Sasso, The Society for Experimental Mechanics, Bethel, USA
Nathanael Connesson, The Society for Experimental Mechanics, Bethel, USA
Raman Singh, The Society for Experimental Mechanics, Bethel, USA
Adrian DeWald, The Society for Experimental Mechanics, Bethel, USA
David Backman, The Society for Experimental Mechanics, Bethel, USA
Paul Gloeckner,The Society for Experimental Mechanics, Bethel, USA

Residual Stress, Thermomechanics & Infrared Imaging, Hybrid Techniques and Inverse Problems, Volume 8: Proceedings of the 2013 Annual Conference on Experimental and Applied Mechanics, the eighth volume of eight from the Conference, brings together contributions to this important area of research and engineering. The collection presents early findings and case studies on a wide range of areas, including:

- Advances in Residual Stress Measurement Methods
- Residual Stress Effects on Material Performance
- Optical, Ultrasonic, and Diffraction Methods for Residual Stress Measurement
- Thermomechanics & Infrared Imaging
- Inverse Methods
- Inverse Methods in Plasticity
- Applications in Experimental Mechanics



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

e-ISBN: 9788743802563
Available From: September 2013
Price:

KEYWORDS:
Defect Detection Fatigue Resistance in Materials Fatigue Strength Hybrid Techniques Infrared Imaging Inverse Problems Residual Strains Residual Stress Thermoelastic Stress Analysis Thermomechanics

www.riverpublishers.com
marketing@riverpublishers.com