River Publishers

Advancement of Optical Methods and Fracture and Fatigue, Volume 3

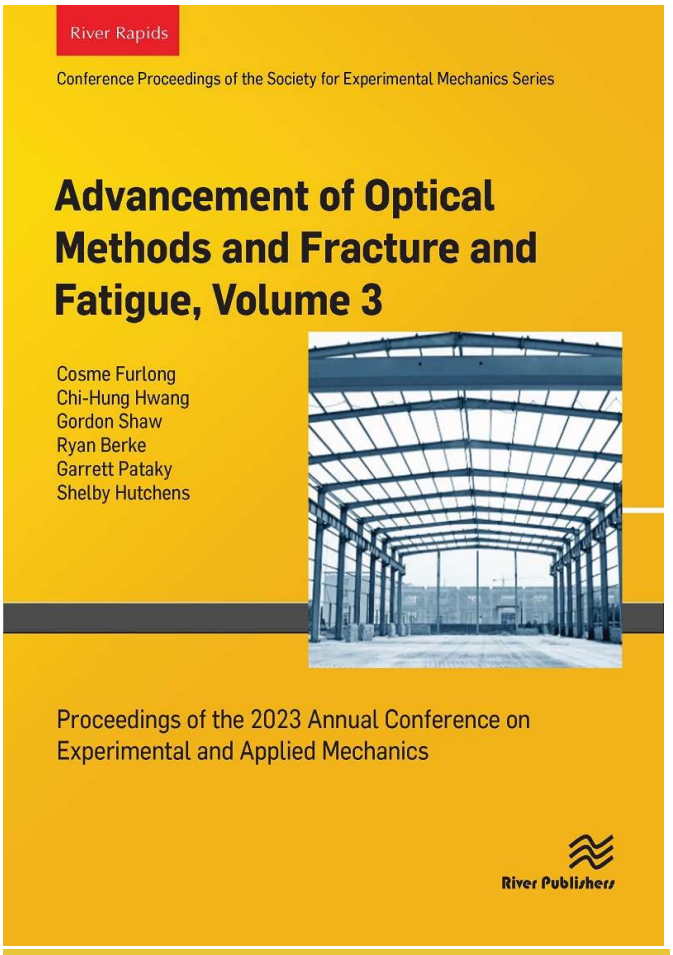
Proceedings of the 2023 Annual Conference on Experimental and Applied Mechanics

Editors:

Cosme Furlong, The Society for Experimental Mechanics, Bethel, USA
Chi-Hung Hwang, The Society for Experimental Mechanics, Bethel, USA
Gordon Shaw, The Society for Experimental Mechanics, Bethel, USA
Ryan Berke, The Society for Experimental Mechanics, Bethel, USA
Garrett Pataky, The Society for Experimental Mechanics, Bethel, USA
Shelby Hutchens, The Society for Experimental Mechanics, Bethel, USA

Advancement of Optical Methods and Fracture and Fatigue, Volume 3 of the Proceedings of the 2023 SEM Annual Conference & Exposition on Experimental and Applied Mechanics, the third volume of five 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 Experimental Mechanics, including papers in the following general technical research areas:

- Extreme Environments
- Interfacial Fracture
- Integration of Models & Experiments
- Mechanics of Energy & Energetic Materials
- Integration of Models & Experiments
- In Situ Techniques for Fatigue & Fracture
- Microscale & Microstructural Effects on Mechanical Behavior
- Characterization Across Length Scales
- Extreme Conditions & Environmental Effects
- Damage, Fatigue and Fracture
- Structure, Function and Performance



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

e-ISBN: 9788743804192
Available From: March 2024
Price:

KEYWORDS:
Infrared Imaging Residual stress Materials Characterization Conference Proceedings Materials fracture material fatigue optical methods of materials analysis DIC

www.riverpublishers.com
marketing@riverpublishers.com