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Proceedings of the 44th IMAC, A Conference and Exposition on Structural Dynamics 2026

Editors:

Dagny Beale, Sandia National Laboratories, NM, USA
Cora Taylor, Michigan Technological University, MI, USA
Shannon Danforth, Los Alamos National Laboratories, NM, USA

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Description:

Dynamic Environments and Durability Testing, Volume 7: Proceedings of the 44th IMAC, A Conference and Exposition on Structural Dynamics, 2026, the seventh volume of ten 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 Dynamic Environments Testing including papers on:

- Dynamic Environment Definition and Specification
- Dynamic Testing Fixture Design and Fixture Neutralization
- Measurement Sensitivity to Test Design
- Multi-Degree of Freedom Shaker Testing and Environments Specification
- Resonant Plate Shock Testing

Keywords: IMMAT, SDT, Laboratory, Impedance, Shaker, Piezo, Random Vibration Environment, Shaker testing, EMA, FEM, Decoupling vibration control, video motion magnification

Denmark Head Office

Alsbergvej 10
9260 Gistrup
Denmark
www.riverpublishers.com
Email: info@riverpublishers.com

USA Office

Indianapolis, IN
USA
Tel.: +1-3176899634
Email: rajeev.prasad@riverpublishers.com

UK Office

River Publishers
Email: philippa.jefferies@riverpublishers.com