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**Jerome P. Lynch
Kon-Well Wang
Hoon Sohn**
Editors

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Daniele Zonta, Università degli Studi di Trento (Italy)

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Keynote Session

Hoon Sohn, KAIST (Korea, Republic of)
Kon-Well Wang, University of Michigan (United States)

- 1 Novel Approaches to Energy Harvesting
Seunghee Park, Sungkyunkwan University (Korea, Republic of)
Ying Huang, North Dakota State University (United States)
- 2 Vibrations and SHM of Bridge Structures
Hae Young Noh, Carnegie Mellon University (United States)
Chin-Hsiung Loh, National Taiwan University (Taiwan)
- 3 Spatial Sensing by Tomographic Methods
Kenneth J. Loh, University of California, Davis (United States)
Hoon Sohn, KAIST (Korea, Republic of)
- 4 Nanoengineered Thin Film Sensors I
Jerome P. Lynch, University of Michigan (United States)
Andrew R. Burton, University of Michigan (United States)
- 5 Advanced Ultrasonic Methods for SHM I
Jung-Wuk Hong, KAIST (Korea, Republic of)
Fabio Semperlotti, University of Notre Dame (United States)
- 6 Novel System Identification and Damage Detection Strategies
Yang Wang, Georgia Institute of Technology (United States)
Michael B. Wakin, Colorado School of Mines (United States)
- 7A Big Data and Data Analytics for SHM
Genda Chen, Missouri University of Science and Technology (United States)
Donghyeon Ryu, New Mexico Institute of Mining and Technology (United States)
- 7B Sensing Systems for Flight Control
Simon Laflamme, Iowa State University (United States)
Wei Song, The University of Alabama (United States)
- 8A Actuation and Feedback Control Technologies
Benjamin Winter, Michigan Technological University (United States)

- 8B Nonlinear Ultrasonics for Damage Detection
Irving J. Oppenheim, Carnegie Mellon University (United States)
Hoon Sohn, KAIST (Korea, Republic of)
- 9A SHM of Concrete Structures
Neil A. Hoult, Queen's University (Canada)
Hui Li, Harbin Institute of Technology (China)
- 9B Advances in Wireless Sensors for SHM
Jerome P. Lynch, University of Michigan (United States)
Alireza Bayat, University of Nevada, Reno (United States)
- 10A Nanoengineered Thin Film Sensors II
Bryan R. Loyola, Sandia National Laboratories (United States)
Jerome P. Lynch, University of Michigan (United States)
- 10B Advanced Ultrasonic Methods for SHM II
Wieslaw M. Ostachowicz, The Szwedalski Institute of Fluid-Flow Machinery (Poland)
Francesco Lanza di Scalea, University of California, San Diego (United States)
- 11A Human and Humanoid Sensing and Actuation
Genda Chen, Missouri University of Science and Technology (United States)
Donghyeon Ryu, New Mexico Institute of Mining and Technology (United States)
- 11B Control of Wind Turbines
Simon Laflamme, Iowa State University (United States)
Wei Song, The University of Alabama (United States)
- 12A Fiber Optic Sensing Technology
Haiying Huang, The University of Texas at Arlington (United States)
Branko Glisic, Princeton University (United States)
- 12B Vision-based Sensing Technologies
Chih Chen Chang, Hong Kong University of Science and Technology (Hong Kong, China)
Daniele Zonta, Università degli Studi di Trento (Italy)
- 13A Applications of Smart Structure Technologies
Alessandro Cattaneo, Los Alamos National Laboratory (United States)
Hoon Sohn, KAIST (Korea, Republic of)
Chen Hao Jin, University of Connecticut (United States)

- 13B Next-Generation Sensors for Smart Structures
Masahiro Kurata, Kyoto University (Japan)
Didem Ozevin, University of Illinois at Chicago (United States)
- 14A Advanced Composite Structural Systems
David Dennis Lee Mascarenas, Los Alamos National Laboratory
(United States)
Bryan R. Loyola, Sandia National Laboratories (United States)
- 14B Modeling Techniques for Smart Structures
Shamim N. Pakzad, Lehigh University (United States)
Mohammad Reza Jahanshahi, Purdue University (United States)