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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 Szewalski 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)