

2014

CONFERENCE ON  
SMART MATERIALS,  
ADAPTIVE STRUCTURES &  
INTELLIGENT SYSTEMS  
(SMASIS)



September 8-10, 2014  
Newport, Rhode Island

**Program**

**ASME 2014 ADAPTIVE STRUCTURES & MATERIALS SYSTEMS PRIZE**



**Michael I. Friswell**  
Swansea University

Professor Friswell has a wide range of research interests, including morphing aircraft, structural dynamics, finite element model updating, structural health monitoring, rotating machinery dynamics, model reduction methods, viscoelastic damping, non-linear systems, acoustic emission and active vibration control. He

is first author of two books (*Finite Element Model Updating in Structural Dynamics and Dynamics of Rotating Machines*) and has published over 250 journal articles and 370 conference papers. He was an EPSRC Advanced Research Fellow, a Royal Society-Wolfson Research Merit Awardee, and a Marie-Curie Excellence Fellow. He was recently awarded a prestigious European Research Council Advanced Investigator grant awarded to “principal investigators proven to be exceptional leaders in terms of originality and significance in their research contributions”. Professor Friswell is an Associate Editor of the *Journal of Intelligent Material Systems*, a past AE of the *Journal of Vibration and Acoustics and Structural Health Monitoring*, and has been on the editorial board for a further nine journals. Prof. Friswell is an Honorary Professor at the Nanjing University of Aeronautics and Astronautics (China) and the University of Bristol.

**DESCRIPTION OF THE AWARD**

The ASME Adaptive Structures and Materials System Prize is presented to a member of the technical community who has made significant contributions to the advancement of the sciences and technologies associated with adaptive structures and/or material systems. The \$1,000 cash award and certificate are meant to recognize scientific contributions as measured by leadership, technical publications, and advances made.

**ASME ASMS TC GARY ANDERSON AWARD**



**Mohammed Daqaq**  
Clemson University

Mohammed F. Daqaq was born in Bethlehem, Palestine in 1979. He received M.Sc. and Ph.D. degrees in Engineering Mechanics from Virginia Tech, in 2003 and 2006, respectively; a B.Sc. in Mechanical Engineering (with honors) from Jordan University of Science and Technology, in 2001. He has been a member of the

Faculty of the Mechanical Engineering Department of Clemson University since 2006, where he is currently an Associate Professor. He is engaged in conducting and supervising research on Nonlinear Dynamical Systems applied to power generation and modern manufacturing processes. Mohammed F. Daqaq is the author of more than 50 journal publications and the recipient of the NSF CAREER award (Dynamical Systems program) in 2011. Other significant recognitions include the 2012 Clemson University Board of Trustees Award for Faculty Excellence, the 2014 Eastman Chemical Award for research excellence, and the 2014 Gary Anderson Early Achievement Award.

**DESCRIPTION OF THE AWARD**

The Gary Anderson Early Achievement Award is given for notable contribution(s) to the field of Adaptive Structures and Material Systems. The prize is awarded to a young researcher in his or her ascendancy whose work has already had an impact in his/her field within Adaptive Structures and Material Systems. The winner of the award must be within seven years of terminal degree at the time of nomination.