

# WESTERN REGIONAL STRAIN GAGE COMMITTEE

## 2011 Winter Test and Measurement Conference February 21-23, 2011

### Monday, February 21

- 3:00 pm Executive Board Meeting
- 7:00 pm Executive Board Dinner – Carmelo's

### Tuesday, February 22

- 8:00 am Registration and Continental Breakfast
- 9:00 am Chairman's Welcome
- 9:15 am Host Welcome  
National Instruments
- 9:45 am Structural Test Systems for Space Vehicles
- 10:30 am Break
- 10:45 am Integration of Sensors for Structural Health Monitoring  
and Real Time Evaluation
- 11:45 pm Lunch
- 12:45 pm Philosophy and Practice of Design of SHM Systems
- 1:30 pm Distributed Fiber Optic Sensing: Millimeter Resolution, No  
Gratings Required
- 2:15 pm Break

### Tuesday, February 22, continued

- 2:30 pm Hostile Environment Workshop
- 3:30 pm Sponsor's Seminar
- 5:00 pm Adjourn

### Wednesday, February 23

- 8:00 am Continental Breakfast
- 8:15 am General Business Meeting
- 9:15 am Technologies for Synchronizing Distributed Measurements
- 10:00 am Break
- 10:15 pm Development of Wireless System for Fracture-Critical  
Bridges
- 11:00 am Advantage of Optical Strain Sensing for Long Distance  
Hang Slide Monitoring
- 12:00 pm Lunch
- 1:00 pm Board Bus for tour (University of Texas, JJ Pickle Research  
Campus)
- 5:00 pm Return to Hotel

**SPONSORING MEMBERS**

HBM	Microstrain
HPI	National Instruments
HITEC Corporation	Pacific Instruments
Hamilton Precision Metals	Precision Filters Inc.
Interface, Inc.	RdF Corporation
Kyowa	Tovey Engineering
MTS Systems Corp.	VTI Instruments
Micron Optics, Inc.	Vishay Micro-Measurements

**EXECUTIVE BOARD**

**ACTIVE COMMITTEES**

Hostile Environment Measurements

Meetings Publication Chairman, Proceedings Index,  
Bylaws and Historian

**WESTERN REGIONAL STRAIN GAGE  
COMMITTEE**

**2011 Winter TEST AND MEASUREMENTS  
CONFERENCE**

**February 21 - 23, 2011**

Courtyard Marriott Austin Downtown  
Austin, TX

**ARRANGEMENTS & PROGRAM CHAIRMAN**

National Instruments

**SOCIETY FOR EXPERIMENTAL MECHANICS**

7 School Street  
Bethel, Connecticut 06801-1485  
(203) 790-6373

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