

# WESTERN REGIONAL STRAIN GAGE COMMITTEE

## 2010 Summer Test and Measurement Conference August 23-25, 2010

### Monday, August 23

1:00 pm Executive Board Meeting  
2:30 pm Break  
3:00 pm Hostile Environments Workshop  
6:00 pm Executive Board Dinner – STEEL Restaurant & Lounge

### Tuesday, August 24

8:00 am Registration and Continental Breakfast  
9:00 am Chairman's Welcome  
9:15 am Host Welcome

9:45 am Robust Glass Fiber – A New Concept for Strain Measurement with Bragg Gratings  
10:30 am Break  
10:45 am Measuring a +/-10,000ue Pulse in One Millisecond  
12:00 pm Lunch  
1:00 pm Integrating Electrical and Optical Sensor Systems  
1:45 pm Brainy Bolts, Linear Position Sensors, Soil Strains and other Novel Strain Gage Measurements.  
2:30 pm Break

### Tuesday, August 24, continued

2:45 pm Sponsor's Seminar  
4:15 pm Break  
4:30 pm Integrating Strain Gages in Nuclear Power Plants  
4:45 pm Adjourn

### Wednesday, August 25

8:00 am Continental Breakfast  
8:15 am General Business Meeting  
9:15 am Strain Measurements for SHIM in Navy Vessels  
10:00 am Break  
10:15 pm Permanent Strain Measurement Systems for Bridges  
11:00 am TBD: Possible candidates: Boeing, Lockheed and NASA  
11:45 pm Lunch  
12:45 pm Board Bus for tour (Location TBD)  
5:00 pm Return to Hotel

**SPONSORING MEMBERS**

HBM

National Instruments

HPI

Pacific Instruments

HITEC Corporation

Precision Filters Inc.

Hamilton Precision Metals

RdF Corporation

Interface, Inc.

Tovey Engineering

MTS Systems Corp.

VXI Technology, Inc.

Micron Optics, Inc.

Vishay Micro-Measurements

Microstrain

**EXECUTIVE BOARD**

**WESTERN REGIONAL STRAIN GAGE  
COMMITTEE**

**2010 SUMMER TEST AND MEASUREMENTS  
CONFERENCE**

**August 23 - 25, 2010**

Georgia Tech Hotel and Conference Center  
Atlanta, Georgia

**ARRANGEMENTS & PROGRAM CHAIRMAN**

**SOCIETY FOR EXPERIMENTAL MECHANICS**

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

**WESTERN REGIONAL STRAIN GAGE COMMITTEE**

**ACTIVE COMMITTEES**

Hostile Environment Measurements

Meetings Publication Chairman, Proceedings Index,  
Bylaws and Historian