

WESTERN REGIONAL STRAIN GAGE COMMITTEE

2007 Winter Test and Measurement Conference August 6-8, 2007

Monday, August 6

- 1: PM Executive Board Meeting
- 3:00 pm Break
- 3:15 pm Hostile Environments Workshop
- 6:30 pm Executive Board Dinner

Tuesday, August 7

- 8:00 am Registration and Continental Breakfast
- 9:00 am Chairman's Welcome
- 9:15 am Introductions – Delegates, Alternates, Emeritus, and Guests
- 9:30 am Host Welcome
- 10:00 am Break
- 10:30 Full-field Strain Measurement using Stereo Cameras and Digital Image Correlation
Sandia National Laboratory, Albuquerque
- 11:15 System Level Force Measurement: Aiming for ultra-accuracies, where the “negligible” effects aren't so negligible
MTS Systems Corp.
- 12:00 pm Lunch
- 1:00 pm Meet in hotel lobby to carpool to Eclipse Aviation
- 4:30 pm Arrive back at the hotel

Wednesday, August 8

- 8:00 am Continental Breakfast
- 8:30 am General Business Meeting
- 10:00 am Break
- 10:30 am Paper #3
Darryl Peterson – Vishay Micro-Measurements
- 11:15 am Optical Strain Gage Patch using Bragg Gratings – A Replacement for a Metal Strain Gauge?
HBM
- 12:00 am Lunch
- 1:00 pm Review of Proposed RJ45 Standard and Past WRSGC Standards
The Boeing Company
- 1:30 pm Use of the RJ45 connector and ID Chip with Strain Gages on the 787 Major Static and Fatigue Test Programs
The Boeing Company
- 2:15 pm Break
- 2:45 pm Open Forum/Workshop
- 4:00 pm Meeting Adjourn

SPONSORING MEMBERS

Dragon Wings Tech/Minebea

HPI

Interface, Inc.

MTS Systems Corp.

Rdf Corporation

Tovey Engineering

Vishay Micro-Measurements

HBM

Hamilton Precision Metals

Lebow Corporation

Micron Optics

Stresscoat, Inc.

VXI Technology, Inc.

**WESTERN REGIONAL STRAIN GAGE
COMMITTEE**

**2007 SUMMER TEST AND MEASUREMENTS
CONFERENCE**

August 6-8, 2007

Sheraton Albuquerque
Albuquerque, New Mexico

SOCIETY FOR EXPERIMENTAL MECHANICS

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