WESTERN REGIONAL STRAIN GAGE COMMITTEE

2025 Fall Test and Measurement Conference
San Antonio, Texas, September 29 – October 1, 2025

Monday, September 29

1:30 pm **Executive Board Meeting** (Empire Room)

5:30 pm **Adjourn**

6:30 pm **Executive Board Dinner –** Acenar

Tuesday, September 30

7:00 am **Registration** (Majestic Ballroom)

8:00 am **Chair's Welcome**
Anna Israelian

8:15 am **Host Welcome and Introduction**
Dr. Ben Thacker, Vice President of Mechanical Engineering, Southwest Research Institute (SwRI)

9:00 am **Design of a Micrometeoroid and Orbital Debris Impact Detector**
Dr. Sidney Chocron - Southwest Research Institute

9:45 am **Break**

10:00 am **Novel Method of Reference-Free Residual Stress Measurement Around Cold Expanded Holes Utilizing Time-Of-Flight and Amplitude Parameters of Ultrasonic Waves**
Nikolay Akimov - Southwest Research Institute

10:45 am **Correlating CAE Results with Measured Test Data**
Kurt Munson - HBK

11:30 am **Group Photo** (Majestic Ballroom)

11:35 pm **Lunch** (Atrium, First Floot)

1:00 pm **Bus Departs from Hotel for Tour – SwRI Test Facilities**

5:00 pm **Bus Returns to Hotel from Tour**

5:30 pm **Reception – Hotel** (Majestic Ballroom)

Wednesday, October 1

8:15 am **High Elongation Strain vs DIC Imaging in HY-100 Weld Coupons**
Paul Burgess – Southwest Research Institute

9:00 am **Transducerization: Enabling Direct Force Measurement**
Daniel Magee - HITEC Sensors

9:45 am **Break**

10:00 am **Effect of Gaseous Hydrogen on Strain Gage Based Instrumentation**
Takahiro James Hara - Kyowa Americas

10:45 am **General Business Meeting**

11:30 am **Lunch** (Atrium, First Floor)

12:45 pm **Sponsor's Seminar**

1:45 pm **Strain Workshop** (Mike Tovey, Moderator)

2:30 pm **Adjourn**

***** PLEASE NOTE: Breakfast is included for attendees staying at the Embassy Suites. All others should make their own arrangements.***

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HITEC Sensor Developments
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2025 FALL TEST AND MEASUREMENTS CONFERENCE

September 29 – October 1, 2025

Embassy Suites by Hilton
San Antonio Riverwalk Downtown
125 East Houston Street, San Antonio, Texas 78205

Hosted by: Southwest Research Institute

WESTERN REGIONAL STRAIN GAGE COMMITTEE
C/O Jeff Stubbs
Northrop Grumman
One Space Park
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WRSGC is a Technical Division of the
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