



**Monday, October 17**

- 1:30 pm **Executive Board Meeting** (Conference Suite 200)
- 3:00 pm **Break**
- 5:30 pm **Adjourn**
- 6:30 pm **Executive Board Dinner – Rustler’s Roost**

**Tuesday, October 18**

- 7:00 am **Breakfast** (hotel breakfast buffet)  
**Registration** (Phoenix Ballroom A)
- 8:15 am **Chair’s Welcome** (Phoenix Ballroom A)  
Robert Fuge – Epsilon Laboratory
- 8:20 am **Host Welcome and Introduction**  
Dan Cortez – Director, Integration and Test, Northrop Grumman  
Spacecraft Integration Facility
- 8:30 am **Strain Gage Design Under Eccentric Load**  
Ashlesa Mohapatra – Interface Corporation
- 9:15 am **Use of Distributed Strain and Temperature Fiber Optic  
Monitoring on the West Seattle High Bridge**  
Tom Weinmann, VP- Testing, Monitoring & Engineering, BDI
- 10:00 am **Break**
- 10:30 am **A million miles away - Stable strain gage data from the  
James Webb Space Telescope**  
Vicente Vargas, Northrop Grumman
- 11:30 am **Lunch** (Lower Foyer)
- 12:50 pm **Group Photo**
- 1:00 pm **Board Bus**

**Tuesday, October 18** – continued

- 1:10 pm **Bus Departs for Tour – Northrop Grumman Facility**
- 5:00 pm **Reception** (Lower Foyer)

**Wednesday, October 19**

- 7:30 am **Breakfast** (hotel breakfast buffet)
- 8:15 am **Serviceability Based Design of Structural Systems using  
Experimental Stress Analysis Methods**  
Barzin Mobasher, PhD. – Arizona State University
- 9:00 am **Thermal strains in concrete pavements: Measurements and  
field implementation**  
Narayanan Neithalath, Professor, School of Sustainable  
Engineering and the Built Environment, Arizona State University
- 9:45 am **Break**
- 10:15 am **Rapid EF Enablers: less lead & cycling time, no down time**  
Sandro Di Natale – HBK
- 11:00 am **General Business Meeting**
- 11:45 am **Lunch** (Lower Foyer)
- 1:00 pm **Sponsor’s Seminar**
- 2:00 pm **Break**
- 2:15 pm **Sponsor’s Seminar (cont.)**
- 3:00 pm **Strain Workshop**  
Mike Tovey – Tovey Engineering
- 3:45 pm **Adjourn**

## SPONSORING MEMBERS

**Ametek Specialty Metal Products**  
Dr. Mark Robinson, Delegate

**Ametek VTI Instruments**  
Chris Gibson, Delegate

**Gantner Instruments**  
Stephen Ploegman, Delegate

**HBM, Inc.**  
Bart Morricks, Delegate

**HITEC Sensor Developments**  
Domenic El-Achkar, Delegate

**HPI**  
Vince Wnuk, Delegate

**Interface, Inc.**  
Ken Vining, Delegate

**Kyowa Electronics Instruments**  
Kazuhiko Morishima, Delegate

**Luna Innovations**  
Andrew Boulanger, Delegate

**MTS Systems Corp.**  
John Christiansen, Delegate

**National Instruments**  
Steve Summers, Delegate

**Pacific Instruments**  
Patrick Rule, Delegate

**PCB Load & Torque**  
Jay Mendoza, Delegate

**Precision Filters, Inc.**  
Doug Firth, Delegate

**Tovey Engineering**  
Mike Tovey, Delegate

**Vishay Micro-Measurements**  
Paul Millard, Delegate

## EXECUTIVE BOARD

**Robert Fuge**  
Chair  
Epsilon Laboratory

**Andy Hickson**  
Vice-Chair/Secretary  
Boeing

**Chris Gibson**  
Past Chair/Treasurer  
VTI Instruments

**Doug Firth**  
Arrangements Chair  
Precision Filters, Inc.

**Malte Grieme**  
Member-at-Large  
HBK

**Chris Gurden**  
Member-at-Large  
Northrop Grumman

**Jeff Stubbs**  
Assistant Arrangements Chair  
Northrop Grumman

**Brett Hansen**  
Past Chair/Member-at-Large  
Boeing

## ACTIVE COMMITTEES

Strain Gage Workshop – **Mike Tovey**  
Meetings Publication Chair and Proceedings – **Brett Hansen** retired, The Boeing Company  
Bylaws and Historian - **Brian Donnelly**, Aerojet Rocketdyne  
Back to the Basics – **Brian Donnelly**, Aerojet Rocketdyne

## **2022 FALL TEST AND MEASUREMENTS CONFERENCE**

**October 17-19, 2022**

Embassy Suites by Hilton Phoenix Tempe  
4400 South Rural Road  
Tempe, AZ 85282  
Phone: 480-897-7444

### ARRANGEMENTS CHAIR

Doug Firth  
Precision Filters, Inc.

### PROGRAM CO-CHAIRS

Robert Fuge      Doug Firth  
Epsilon Laboratory      Precision Filters

## **SOCIETY FOR EXPERIMENTAL MECHANICS**

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

## **WESTERN REGIONAL STRAIN GAGE COMMITTEE**

C/O Jeff Stubbs  
Northrop Grumman  
One Space Park  
Bldg. M1/1208E  
Redondo Beach, CA 90278