Washington/Oregon Fall Meeting
Tony Reed

The Northwest semiannual region meeting was held October 17th at the PACCAR testing facility in Mt. Vernon, Washington. Our meeting was well attended, with a little over 60 attendees, presenters and vendors. A special thanks to Bert Turgeon, Mike Krogeman and PACAAR for hosting this region meeting. We had several students from Western Washington University, Skagit Valley Technical College, Edmonds Community College, and Bellingham Community College.

During this meeting we utilized several “hands-on” demonstrations presented by subject matter experts. We had five such demonstration tables. Brian Peters and Elliot Speidell from Interface Inc. demonstrated force testing and force measurements using load cells. David Mihal from Hexagon Metrology demonstrated 3D Coordinate measurements using an articulated arm. Guillaume Bock and Tony Spica from Bruel & Kjaer demonstrated the importance of correctly choosing the right microphone for your testing application. Katja Hinz led attendees through low pressure measurements and the variables that affect testing using pressure transducers. Mike Brown from Fluke Calibration demonstrated an infrared calibration on emissivity, showing how different detectors use different wavelengths and how to match black bodies to the IR measurement devices. During this meeting we also had two white paper presentations: Jeff Gust from the Fluke Calibration presented “Low Frequency Calibrators and Artifact Calibrations/Traceability” and Bret Corey presented his paper on “Plain Ring Gage Measurement and the Challenges Faced.” Both presentations were well presented and received.

James (Smitty) Smith opened the meeting with a brief discussion on NCSLI Board of Directors upcoming events, memberships that are available within NCSLI, the need for volunteers, and the focus of testing involvement and inclusion. Smitty shared the NCSLI Vision and Mission to the group to let them know that the testing world will be a key player in the advancement of measurement science and it was in our best interest to be as involved as we could.

After a quick explanation of how the meeting would progress we divided everyone into five groups, one group for each demonstration. Each demonstration lasted 40 minutes with five minutes for Q&A and a ten minute break before the next demo. During lunch the attendees were treated to an awesome tour of the extensive PACCAR Testing Facilities onsite. After the tour we had lunch and gathered for pictures. The remainder of our rotations were carried out in the afternoon, and we then gathered as a group to discuss the meeting and share with each other one thing learned during the meeting. This was an opportunity for a review and discovery of new ideas. We discussed the transition of leadership within the Washington/Oregon section to Mons Lee (Boeing) and Martin Kidd (Fluke). We discussed the evolution of these meetings and I challenged the attendees to bring two customers with them the next time they attended. A plug was made for the Community Outreach program and the use of the Measurement Kits that are available from the Boulder office.

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THANK YOU TO THE FOLLOWING PEOPLE & THEIR DEMONSTRATIONS:

- **David Mihal** - Hexagon Metrology
  *Topic*: 3D Coordinate measurement and testing using an articulated arm: Hands-On Measurement and Discussion

- **Brian Peters and Elliot Speidell** - Interface Inc.

- **Katja Hinz** - Mensor/WIKA
  *Topic*: Pressure Testing: Hands-On Measurement and Discussion

- **Mike Brown** - Fluke Corporation
  *Topic*: Infrared Hand Held Temperature Testing, Hands-On Measurement and Discussion

- **Guillaume Bock and Tony Spica** - Bruel & Kjaer
  *Topic*: Integrated Acoustic Instrumentation testing, Hands-On Measurement and Discussion