

NORTHERN OHIO SECTION 1131

By Helga Alexander



The NCSL International Northern Ohio Section 1131 held their fall meeting at the First Energy Beta Lab in Mayfield Village, Ohio, on October 12, 2011. Three very interesting and accomplished speakers drew an attendance of about 35, including several students from Case Western Reserve University and Lakeland Community College.

I welcomed everyone and provided a brief introduction on NCSL International and metrology for the benefit of the students, many of whom need to make sensitive measurements during the course of their research. I also introduced Henry Alexander (no relation) from Perry Johnson Laboratories as the new NCSLI co-coordinator for the 1131 section.

Mary Anne Tupta from Keithley Instruments, Inc., opened the technical presentations with a talk on "Low Current and High Resistance Measurement Techniques." After a brief break,

Ian Ciesniewski from Mettler-Toledo in Columbus taught the audience about the subject of "Scale Calibration Techniques and Uncertainties."

After lunch, which was provided with sponsorship funds obtained previously by Tegam, Keithley, Tektronix and Rigol, the meeting continued with a presentation by Andy Brush from Tegam, who spoke about "Uncertainty in Radio-Frequency Power Measurements."

All presentations were very well received and generated multiple questions and discussions. After a raffle and brief break, several attendees stayed behind to enjoy a tour of the very impressive First Energy Beta Lab. Based on attendee feedback, the meeting was deemed a great success. Everyone is looking forward to repeating this in the spring.

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Northern Ohio section meeting.