

CENTRAL INDIANA SECTION 1133

By Charles Andrew



The NCSLI Central Indiana Section 1133 fall meeting was co-sponsored by Cummins Engine and the Advanced Manufacturing Center of Excellence (AMCE). The meeting was held on September 22, 2011 at the AMCE facility in Columbus, Indiana. A total of 40 attendees were greeted by Steven Stahley, Director Measurement Excellence, Cummins, and Bud Kincaid of the AMCE facility. Charles Andrew, NCSLI section coordinator, was represented by John Bush and Bridget Bray.

The first speaker was Steven Stahley. His topic was "Connecting the Tools Measurement Systems Analysis to Measurement Uncertainty Analysis." Steve gave the group an in-depth look at measurement systems analysis and the resulting factor that is derived from understanding measurement capability – trust in the measurement result.

The second session was an introduction to the Advanced Manufacturing Center of Excellence by Bud Kincaid. His presentation included the philosophy behind AMCE and its founders, along with a brief description of what was offered at this educational facility. After a short break for lunch, we divided into two groups and Steven Stahley and Bud Kincaid led tours of the AMCE facility. Considerable time was dedicated to the metrology section of the AMCE, which is still in its early phase but promises to engage new metrology students in the future by giving young minds the hands-on tools to understand what they are learning.

An update on the NCSLI board of directors was presented by John Bush. Dates were discussed for the NCSLI Workshop & Symposium, which will be held July 29 - August 2, 2012 in Sacramento, California. "The Business End of Metrology – Quality and Testing" will be the theme in 2012.

The final presentation was "Accreditation vs. Registration and Laboratory Scopes of Accreditation" presented by Doug Leonard, Laboratory Accreditation Bureau (LAB). Doug discussed the differences between requirements for accreditation and the activities required for registration. Doug discussed the different elements of the two processes and compared them to show how the various processes supported the end results. The end results, however, are to reduce the risk to the ultimate consumer via conformity with specified requirements.

After the final speaker, we handed out a round of door prizes that were donated by NCSLI and local members, followed by a survey to determine the direction of future meetings and to guide us in planning meeting content.

We thank our host, AMCE, for providing the meeting space and Cummins Engine for lunch and refreshments, and our speakers for great presentations. I thank our steering committee for making this another successful Central Indiana section meeting. Our next meeting is scheduled for April, 2012 - date to be announced.

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Central Indiana section meeting.