Rio Grande

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The NCSLI Rio Grande Section met in McAllen, Texas at South Texas College on December 5, 2018. The event was hosted at the Technology Campus and the day’s agenda consisted of notable presenters.

Our meeting started with a welcome from Dr. Esmeralda Adame, Assistant Dean at South Texas College and NCSLI RGV Section Coordinator. She provided the audience with an overview of the agenda and thanked everyone for attending. She also delivered details of what the manufacturing program entails and the need for more skilled workers in the area. She then introduced Mario Reyna, Dean of Business, Public Safety and Technology at South Texas College. He also greeted those in attendance. He continued and discussed how measurements affect us in our everyday life.

The introduction of the attendees followed led by Dr. Adame. The audience in attendance varied from local manufacturing leaders, industry partners and students aside from our known presenters. William Miller, NCSLI Central US Division VP from Lockheed Martin, followed. He provided an introduction about NCSLI International and the value of being a member of this professional organization. Mr. Miller also provided an update of the Board of Directors meeting and 2019 Agenda and the Organization’s upcoming events.

Dr. Edinbarough from the University of Texas RGV serves as a professor in the Engineering Technology Department. He presented “The Movements of a Measuring Machine are Described Using a Coordinate System.” He provided an overview of the Coordinate Measurement Machines (CMM). In addition, he went into detail and thoroughly described the CMM at the university and its usage. He provided detailed examples along with videos of the CMM performing measurements.

Next up William Miller from Lockheed Martin, presented “Implementing a Measurement Assurance Program into your Company.” He described what this would entail and its benefits. He also suggested some tools
and implementation methods to be successful. Mr. Miller provided a bit of his background keeping the audience engaged by asking questions and keeping it interesting. After his presentation the floor was opened for comments and questions.

A big thank you to our lunch sponsor, HASS Automation, DynaCal and the Culinary Department at South Texas College everyone enjoyed the time to network.

The meeting brought together over 50 individuals ranging from presenters, industry professionals and local students.

Dr. Adame provided some closing remarks before dismissing the audience for the tours to the Festo Lab and the manufacturing labs. Attendees were able to see a CNC and 3D printing demonstrations as well as the rest of the machining equipment available in the labs and classrooms. In addition, they were able to visit the robotics lab and see the Festo equipment in action.

The meeting was a great success. Everyone in attendance was able to take away relevant information and insight on the different topics presented. “These meetings are always a place for me to network, learn and keep up with the latest in Calibration” mentioned Daniel Castillo owner of CL Scales. Again, thanks to NCSL International and to all the others that made this meeting possible.