



Eastern NYS Capital Region District HTEC Regional Meeting

On Saturday March 7, 2009 Hudson Valley Community College (HVCC) and Rensselaer Polytechnic Institute (RPI) hosted the first Annual Eastern NYS Capital Region HTEC Conference with the support of Haas Factory Outlet Allendale Machinery Systems. The main focus of the meeting was to bring together educators from around the region to discuss and develop ideas for repeating the success the national HTEC network is achieving on the national level at the regional level. With events being held at HVCC and RPI the attendees were given a truly unique experience by being able to see HTEC's at the College and University Level. Throughout the day attendees partook in various discussions and went on two facilities tours which are detailed below.

Dr. Shamray: Head of Scientific Council for the Russian Academy of Education

Dr. Shamray, was a special guest at the meeting who was visiting from Russia. Dr Shamray addressed the conference and spoke about the importance of developing programs to help train the future machinists and engineers and how the lack of educational programs is not only a problem found in the USA but also in Russia and around the world. Dr. Shamray said for manufacturing to survive it is very important for groups like the HTEC network to continue their work of supporting current education programs as well as helping to develop new programs. Dr. Shamray also suggested that at one point that we could institute an exchange program between the HTEC's of the USA and the HTEC's of Europe.

Bill Ross: Ross Valve & President of Capital District SME Chapter 20

Bill Ross addressed the conference from the viewpoint of a current business owner who operates a manufacturing facility, and spoke about the importance of having employees that are well trained and knowledgeable in their respective fields. Bill made the point that for any business to grow and expand owners need to have employees that they trust and have the required education, and that unfortunately it is becoming harder and harder to find such employees entering today's workforce. He is very excited to see that there is a network out there that is working on developing the programs needed to train the future workforce and that there is a company such as Haas Automation that is helping to provide the resources and expertise to make such a program successful.

Neil McGill: Haas Factory Outlet Allendale Machinery Systems

Neil McGill provided the group with a brief overview of what the HTEC Network is and how it is working to support manufacturing education in the USA and around the world. By giving a tour of www.htecnetwork.org Neil was able to demonstrate, to those who were new to the HTEC concept, the benefits of becoming a member and how the network is based on the idea of a group of educators helping each other by the sharing of ideas and concepts pertaining to manufacturing education.

Chris Bien: LearnHaasCNC.com

Chris Bien was on hand to demonstrate to the group one of the online training solutions available to educators to use as a teaching aid to supplement their own course materials and time spent on machines. After giving the group an in-depth tour of LearnHaasCNC.com Chris shared some success stories of schools using the online training solution and then again reiterated how important it is for schools to develop manufacturing education programs.

Dave Larkin and Jim Hamilton: HVCC Professors

Dave Larkin and Jim Hamilton lead the group through a tour of the HTEC facility at HVCC showing them the equipment used to train students and some of the student capstone projects. The highlight of the tour was when Dave showed the group a 1/6 scale replica of an M1 Abrams tank that the students had built one year. The tank is fully maneuverable and is equipped with an independent suspension. This tank is one of four the HVCC students have built with the other three being displayed at various manufacturing firms and arsenals around the country.



Haas Factory Outlet

A Division of Allendale Machinery



Eastern NYS Capital Region District HTEC Regional Meeting

Sam Chiappone: Manager/Instructor – Fabrication & Prototyping School of Engineering - RPI

Following the discussions and tour at HVCC the attendees went to RPI to be taken on a tour of the HTEC facility there. Sam showed the group the various areas and equipment that RPI supported. He explained that the Haas equipment is used to support senior engineering projects as well as class instruction at all levels. The students use the equipment to manufacture prototypes of projects, create molds, and other manufactured items in support of their project requirements. He then explained how the equipment is used in class instruction all in an effort to provide future engineers with an appreciation for the capabilities of CNC technology. Following the tour the group was able to walk through the shop and view various demonstrations on the Haas Machines.

Sam Chiappone: Manager/Instructor – Fabrication & Prototyping & Jim Hamilton: HVCC Associate Professor

To bring the conference to a close Sam and Jim held a business meeting to discuss how the HTEC's in the area should proceed over the following year to help support manufacturing education in the NYS Capital region. It was discussed that a regional council be formed with the goal to help bring more knowledge and support to the HTEC's in the region. Mark Harris from Ulster County BOCES offered to chair the council with the help of others.

NYS Capital Region Council Members:

Mark Harris – Ulster County BOCES
Jim Hamilton – Hudson Valley Community College
Ali Laderian – Suffolk County Community College
Bill Ross – SME Chapter 20 / Ross Valve
Marty McGill – HFO Allendale Machinery Systems
Sam Chiappone - RPI

Special Thanks to our Industry Partners

Sandvik Coromant:

JoAnn Mitchell & Bruce Carter www.coromant.sandvick.com



Chick Workholding:

Marc Meltzer www.chickworkholding.com



Dorsey Metrology:

Peter Klepp www.dorseymetrology.com



Ross Valve:

Bill Ross www.rossvalve.com



HFO Allendale Machinery Systems: Travis Bright & Grant Sharpe www.allendalemachinery.com



Haas Factory Outlet

A Division of Allendale Machinery