



ADVANCING THE TECHNICAL DEVELOPMENT, PRODUCTION, PROCESSING AND APPLICATION OF IRON AND STEEL

FROM: Assoc. for Iron & Steel Technology (AIST)
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FOR IMMEDIATE RELEASE

AIST PROMOTES THE STEEL INDUSTRY TO STUDENTS AT AISTECH 2007

PITTSBURGH, June 19, 2007 — The AIST Foundation, with support from five industry companies — CMC Steel Group, IPSCO, Mittal, Nucor and Steel Dynamics — held special student-specific programs at AISTech 2007 in Indianapolis, Ind., May 5–8.

Engineering students from all related disciplines were encouraged to attend, being offered complimentary registration, travel grants and paid session monitor positions. In addition, AIST held an Attendance Challenge. The university with the highest number of students in attendance received \$500. The winner of this challenge was the University of Missouri–Rolla.

Student activities began with a plant tour of Nucor Steel–Indiana, Crawfordsville, Ind., on Saturday, May 5, 2007, followed by a dinner sponsored by Nucor.

On Sunday, May 6, 2007, the students were transported to Steel Dynamics Inc., Pittsboro, Ind., for lunch and a plant tour. The students returned for a Student Orientation, which included information on the industry, the industry's need for young engineers, networking tips and the association. Those attending enjoyed dinner and networking with the corporate sponsor representatives.

A Project Presentation Contest, sponsored by The Timken Company and Midrex Technologies Inc., was held on Monday, May 7. During this contest, nine students presented their senior projects before a panel of judges. The judges were Jay Martin, IPSCO Inc.; Daphne Messer, CMC Steel Group; Clay Spangler, Steel Dynamics Inc.; and Jay Watson, Nucor Steel–Indiana. Participants were judged on technical content, topic coverage and presentation skills.

The contestants included Meghan McGrath and Jacob Heithold, University of Missouri–Rolla; Ryan Spoering and Zane Voss, University of Missouri–Rolla; Ryan Wojes, Northwestern University;

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Michael Asaro, Virginia Polytechnic Institute and State University; Whitney Patterson, Washington State University; Samuel Gabay, New Mexico Institute of Mining and Technology; and Charles Fisher, Iowa State.

- **First place (\$1,500):** Ryan Wojes, Northwestern University
Presentation: "Atom Probe Tomography Study of cu-Rich Precipitates in Blast-Resistant HSLC Steel"
- **Second place (\$1,000):** Samuel Gabay, New Mexico Tech
Presentation: "Analysis of Anodic Iron Oxides on Steel Using Highly Assymmetric Bragg XRD and SEM"
- **Third place (\$500):** Zane Voss and Ryan Spoering, University of Missouri–Rolla
Presentation: "Life Cycle Greenhouse Gas Emission Comparison of Steel and Concrete Structural Members for Bridges"

AIST would like to express a special thanks to the contest chair, Kevin Bort, Steel Dynamics Inc., along with all contest judges.

The AIST Foundation seeks to attract young technology-oriented professionals to the industry by promoting the high-tech, diverse and well-paying nature of careers in modern steelmaking. Scholarships and grants are awarded on an annual basis to talented and dedicated students to encourage the pursuit of a career within iron and steel-related industries. Through the AIST Foundation and its affiliated groups, scholarship awards and other program grants totaled approximately \$343,500 for the 2006–2007 school year. The AIST Foundation is a Pennsylvania-based, 501(c)(3) nonprofit corporation that is part of AIST, an international professional and technical association.

The Association for Iron & Steel Technology (AIST) was formed on Jan. 1, 2004, by the merger of the Iron & Steel Society and the Association of Iron and Steel Engineers. AIST is an international professional and technical association of more than 13,300 professional and student members, representing iron and steel producers, their allied suppliers and related academia. The association is dedicated to advancing the technical development, production, processing and application of iron and steel.

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Editor's Note:

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