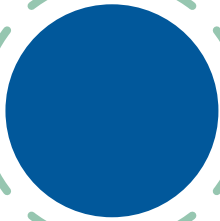


Technical Meeting and Exhibition

MS&T24

MATERIALS SCIENCE & TECHNOLOGY

RECAP



FEATURING



CO-SPONSOR CO-LOCATED



Materials Science & Technology (MS&T) returned to Pittsburgh, Pa., USA, 6–9 October 2024. Organized by the Association for Iron & Steel Technology (AIST), the American Ceramics Society (ACerS) and The Minerals, Metals & Materials Society (TMS), MS&T is known for fostering technical innovation at the intersection of materials science, engineering and application. The Society for Biomaterials is a co-sponsoring society for MS&T. More than 3,000 people participated in MS&T24.

Technical presentations focused on technical developments related to ferrous metallurgy and the steelmaking process are part of AIST's Steel Properties & Applications portion of MS&T. More than 70 papers were presented during six steel symposia, including Austenite Formation and Decomposition V: A Symposium in Honor of Mats Hillert, jointly organized by AIST and TMS.



Mario Buchely (left) presented the Adolf Martens Memorial Steel Lecture Award to Amar K. De (right).

The AIST Adolf Martens Memorial Steel Lecture, one of MS&T's plenary lectures, kicked off the program on Monday, 7 October. Amar K. De, director of quality and product development, Big River Steel – A U. S. Steel Co., gave the presentation “Thin-Slab Continuous Strip Processing Technology – Changing the Landscape of How We Make Greener and Leaner High-Strength Steels.”

Student activities were plentiful at MS&T. In addition to materials science, poster and speaking contests, the AIST Foundation hosted a Steel to Students reception during MS&T, giving students a chance to meet with representatives from Cleveland-Cliffs Inc., Hatch, Heraeus Electro-Nite Co. LLC, Nucor Corp., Tenova and United States Steel Corporation to discuss career opportunities in steel.

For the second year, the Advanced Materials Show USA co-located with MS&T with an exposition that showcased the latest in high-performance materials technology.

AIST executive director Ron Ashburn said, “It just makes it much more efficient for the world of Advanced Materials to see the latest publications and get a sense of what’s new and how those materials are improving the quality of life for our planet and the people on our planet.”





The Iowa State Material Advantage Chapter received their Chapter of Excellence Award.



AIST Steel Intern Scholarship recipients pictured with AIST president Tom Toner (left to right): Robin L. Wehman, Brooke L. Clark, Toner and Joseph S. Stein-Muise.



MS&T25 will take place 28 September–1 October 2025 at the Greater Columbus Convention Center in Columbus, Ohio, USA. Applications are currently being accepted for technical papers at [MatSciTech.org](https://www.matscitech.org).