



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

AIST AISTech Meeting Notice / Agenda Metallurgy – Steelmaking & Casting Technology Committee

Date: Wednesday, 7 May 2025

Location: Room 102B

Music City Center

Nashville, TN

1. *Chair's opening remarks – Sunday Abraham* <Noon>
2. *Appoint minute-taker*
3. *Antitrust guidelines*
4. *Membership and attendance*
5. *Review minutes of previous meeting – [11-12 February](#)*
6. *AIST Staff Announcements*
7. *Main agenda items*

- **Present Technology Committee awards – Awards Chair Matt Enloe and Kent D Peaslee Chairs Sunday Abraham.**

➤ **[Kent D. Peaslee Panel](#)**

Tuesday, 6 May 2025, during the Kent D. Peaslee Memorial Session. This session will take place from 2 to 5 p.m. in Room 207A in the Music City Center. The winning paper is "Recent Advances in Automated Inclusion Analysis at United States Steel Corporation", *Scott R. Story, United States Steel Corporation, Eric A. Day, United States Steel Corporation, Michael S. Potter, RJ Lee Group*

Chair - MSCTC to officially vote for the Kent D Pealsee Award to be moved under MSCTC. Formally, the award was under LSRTC and MSCTC.

➤ **[AIST Adolf Martens Award Lecturer](#)**

Dr. Dengqi Bai, Principal Research Engineer, SSAB Americas

Title: Microstructure Engineering for Advanced High Strength Linepipe Steels

➤ **[Jerry Silver Award](#)**

Title: "Effect of Dewpoint on the Evolving Radiative Properties of Advanced High-Strength Steel During Intercritical Annealing"

Authors: Fatima K. Suleiman, Nishant S. Narayanan, Kyle J. Daun, University of Waterloo.

➤ **[Gilbert R. Speich Award](#)**

Title: "Microstructure Response to Intermediate Reheating in Hot Strip Processing"

Authors: P. Uranga, U. Mayo, CEIT, M. J. Merwin, United States Steel Corporation, Research and Technology Center

➤ **[Richard J. Fruehan Award](#)**

Title: "Development of an improved inclusion assessment approach for steels"

Authors: Amrita Bag, Bikram Konar, Michael J. Gaudet, Evraz, Keyan Miao, Stelco

Association for Iron & Steel Technology

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- **Review Mission Statement (From Website):**

“MISSION: To advance the knowledge of the science, technology and metallurgy of steelmaking and casting as they apply to upstream and downstream processes and products. We shall achieve these goals by providing opportunities for publication, training and technology exchange through the interaction of metals producers, equipment suppliers and academia.”

- **Nominations for Board of Director Level Awards** — Distinguished Member and Fellow, Sendzimir Award, Fairless Award and Steelmaker of the Year nominations
- **Develop committee objectives for next year**
 - **Meeting Locations**
 - **Technical Topic to be discussed and possible presenters**
 - **Conferences/Webinars**
- International Rolling Conference (IRC) 16-18 September 2025, Hyatt Regency DFW, Dallas, TX USA
- Microalloying '25: International Symposium on Microalloying, 2–5 June 2025, The Hythe Vail, Vail, Co, USA
- Long & Forged, June 2026, Vail (TBD)

- **Webinars** Visit: <https://www.aist.org/conference-expositions/webinars>

- **Elect New Officers**
 - *Chair – Sunday Abraham*
 - *Vice-Chair – Hongbin Yin*
 - *Papers Chair – Thinius Natarajan*
 - *Awards Co-Chairs – Bill Jones and Sunday Abraham*
 - *IQRSM Co-Chairs – Bill Jones and Sunday Abraham*
 - *Young Professional Chair – Caelan Kennedy*
 - *Digital Transformation Chair – Ron O'Malley*
 - *Decarbonization Chair – Chad Cathcart*
- **Present Chair Plaques**

8. Discussion items

a. MS&T 2025

Plenary Lecture Schedule

AIST Adolf Martens Lecture – Monday, 29 October, 8:00 – 9:00 a.m.

TMS – Monday, 29 October, 2:00 – 3:00 p.m.

ACerS – Tuesday, 30 October, 8:00 – 9:00 a.m.

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The MS&T25 Conference will be held on September 28 – October 1, 2025, in Columbus, OH. Please submit your abstracts for the Iron and Steel Symposia sponsored by AIST by using the links below. The Abstract Submission Deadline is **beginning of May**.

MS&T25 Iron and Steel Symposia:

- [Steels for Sustainable Development IV](#)
- [New Frontiers in Physical Metallurgy of Steels](#)
- [Developments in Plate and Line Pipe Steels](#)
- [Advances in Understanding of Martensite in Steels III](#)
- [Advances in Metallic Coated Advanced Steels](#)
- [Advances and Challenges in Decarbonization of the Steel Industry](#)

MS&T 2026 Symposium Submission Deadline is **June 1, 2025**. Please submit your symposia proposals on the website below or contact agauffin@aist.org.
[MS&T26 Technical Meeting and Exhibition \(matscitech.org\)](http://matscitech.org)

9. Next meeting

Date	Tour Location	Technical Topic
Fall 2025	Boston Metal or SMS Millcraft?	Secondary Cooling Optimization
Spring 2026	Vesuvius, Cleveland	Flow Control in Tundish and Mold
Fall 2026	Gerdau or Charter Steel	Corner Cracking in As-cast Product
Spring 2027	Nucor Tuscaloosa	Strand Breakouts and Causes

10. Chair conclusion

11. Adjourn

<1:30pm>



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Antitrust Compliance

Antitrust law prohibits agreements or understandings between two or more individuals or businesses to regulate prices or quantities of goods and services, to allocate customers or territories, to hinder or limit a competitor or potential competitor's operations, or otherwise unreasonably restrain business activity. Discriminatory pricing or servicing is also prohibited.

Every individual who participates in AIST meetings and activities should follow these guidelines:

- DON'T discuss with other members your own or competitors' prices, pricing procedures, or anything that might affect prices such as costs, discounts, terms of sale, or profit margins, or anticipated wage rates.
- DON'T make announcements or statements about your own prices or those of competitors.
- DON'T talk about what individual companies plan to do in particular markets or with particular customers.
- DON'T disclose to others any competitively sensitive information.
- DON'T propose or agree to any action intended to disadvantage or injure another company.
- DON'T stay at a meeting or activity where any such anti-competitive talk occurs.
- DO have an AIST staff person present at any meetings and insist on the agenda being followed and minutes kept.
- DO confer with AIST staff before making any statement with competitive ramifications.

It is incumbent upon all AIST members to adhere to these guidelines to avoid putting all parties and their respective companies at risk for antitrust law violation.

Anti-Harassment Policy

The Association for Iron and Steel Technology (AIST) is dedicated to providing harassment-free events for everyone, regardless of age, race, religion, disability, gender, gender identity or sexual orientation. We do not tolerate harassment in any form of anyone attending an AIST event.

Harassing behaviors include: offensive verbal comments related to age, race, religion, disability, gender, gender identity or sexual orientation; the use or display of sexual images, activities or commentary in public spaces; deliberate intimidation; stalking or following; harassing photography or recording; sustained disruption of events; or inappropriate physical contact.

Participants asked to stop any harassing behavior are expected to comply immediately. Participants violating this policy may be sanctioned or expelled from the event or the membership at the discretion of the AIST leadership.