



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

AIST Spring Meeting Notice / Agenda Cokemaking & Ironmaking Technology Committee

Date: Thursday 6 February 2025

Location: Coraopolis, PA

**Conference: Eastern States Blast Furnace and Coke Oven Association
Conference**

Hotel Arrangements

Sheraton Pittsburgh Airport Hotel

1160 Thorn Run Road
Coraopolis, PA 15108

1. ***Chair's opening remarks – Scott Pisula & Brian Black*** *08:00 a.m.*
2. ***Appointing minute-taker***
3. ***Antitrust guidelines***
4. ***Membership and attendance -***
5. ***Review minutes of previous meeting***
6. ***AIST Staff Announcements***
7. ***AIST Steel Industry Fatalities***
8. ***Main agenda items***
 - ***Finalize AISTech sessions - Steven McKnight, Jesse Carreau, and Husain Tapia***
 - ***Papers due to AIST (17 February)***
 - ***Author Registration deadline (5 March)***
 - ***Presentation Draft Due into AIST (17 March)***
 - ***Review the role of Session Chair and Papers Chair***
 - ***Collect additional volunteers for session chairs***
 - ***IMTC still looking for at least one more session chair***
 - ***Nominations for committee officers***
 - IMTC***
 - Chair: Achinta Haldar (Stelco)
 - Vice Chair: Jesse Carreau (AMTS)
 - Papers Chair: Husain Tapia (AM Dofasco)
 - Vice Papers:
 - Membership Chair: Lucas Melton (CC Burns Harbor)
 - YP Chair: need nomination
 - Roundup Chair: Stuart Street (Cleveland Cliffs)
 - Decarb Liaison: Joe Morey (Joe Morey Consulting)
 - CMTC***
 - Chair: Scott Pisula, U.S. Steel
 - Vice Chair: Hardie Burgan, Chiz Bros

Association for Iron & Steel Technology

186 Thorn Hill Road, Warrendale, PA 15086-7528 USA

Phone +1.724.814.3000 • Fax +1.724.814.3001 • www.aist.org



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- Decarbonization Liaison: Jose Alfaro, Arch
- Young Professionals Chair - Aram Hermiz Jo
- Cokemaking Roundup Chair – Thiago Mazzeu, SMS & Jerry Scott, Fosbel – and James Hosfield, USS.

- *Review committees' roundups – Cokemaking Byproducts and Battery Roundups due 12 Feb 2025, Thiago Mazzeu, Jerry Scott and James Hosfield.*
- *Update from Liaisons*
 - *Young Professional Liaison – Aram Hermiz*
 - *Decarbonization Liaison – Joe Morey*
 - *Digitalization Liaison – Buddy Lee*

9. Discussion items

- a. Awards overview
 - i. Joseph Becker Cokemaking Award –
Dr. Seiji Nomura, Group leader of Coke Group, Chief researcher, Nippon Steel Corporation
Main Research Areas:
 - Fundamental and practical studies on the development of coal thermoplastic properties, coking pressure and coke shrinkage during carbonization.
 - Improvement in blast furnace reaction efficiency through the use of highly reactive coke.
 - Development of waste plastic recycling process using coke ovens.
 - Coal blending theory for dry coal charging process.
 - New coal size control theory based on inert size measurement for cokemaking.
 - ii. Josef S. Kapitan Cokemaking Award –
“Three-Dimensional Shape Measurement of Coke Using a Medical X-Ray CT Scanner”, Shohei Matsuo, Yukihiro Kubota, Masahiko Watanabe, Masayuki Imba, Process Research Laboratories, NIPPON STEEL Corp. and NIPPON STEEL TECHNOLOGY Corp.
 - iii. J.E. Johnson, Jr. Award Ironmaking Award—Ty Okosun
 - iv. Josef S. Kapitan Ironmaking Award
 - v. Thomas L. Joseph Ironmaking Award

10. Presentations

- a. Steel Decarbonization Pathways—Joe Morey & Brian Black
- b. Safety Enhancements in Coking Operations – Presenter TBD, US Steel
- c. Blow-in from an Extended Bank with an Oxi-Fuel Burner—Brian Black, SMS group
- d. Cleveland Cliffs Burns Harbor Update—Lucas Melton, Cleveland Cliffs

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11. Next meeting – AISTech 2025

IMTC—Monday May 5, 2025 Room 101A

CMTC—Tuesday May 6, 2025 Room 103A

12. Chair conclusion – Scott Pisula & Brian Black

13. Adjourn

<Noon EDT>



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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.