



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

## AIST Fall Meeting Notice / Agenda Galvanizing Technology Committee

**Date: 10-11 September 2024**

**Location: Cleveland, OH**

### *Arrangements*

**Residence Inn Cleveland Downtown**

527 Prospect Ave E  
Cleveland, OH 44115

**Reserve by 10 August** for AIST Room Rate of \$189

For reservations, book [online](#)

**AIST technology committee members are asked to print out the latest revised meeting agenda from our website one week prior to this meeting.**

### **Tuesday, 10 September 2024**

1. *Chair's opening remarks* 8:00 am
2. *Appoint minute-taker*
3. *Antitrust guidelines*
4. *Membership and attendance*
5. *Review minutes of previous meeting*
6. *AIST Staff Announcements*
7. *Safety Discussion - Steel Industry Fatalities*
8. *Main agenda items*
  - AISTech session development
    - Selection of Abstracts (Due by 16 Sept)
    - Determine session structure (Due by 28 Oct) including session titles & session chairs
    - Review Papers Chair and Session Chair instructions
  - Finalize 2025 AISTech GTC Call for Papers topics
    - *Hot-dip galvanize, galvaneal, aluminized, new zinc alloy coating and dual metallic/organic processes (new facilities and modernizations, productivity improvements, new equipment technologies), plus coated product substrate quality, defect prevention and detection, and new surface post-treatments.*
  - Review the 2026 Galvanizing Line Roundup
  - Reciprocal USA Galvanizing Study Tour planning
    - April 2025

**Association for Iron & Steel Technology**

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### **9. Technical Discussion Topics:**

#### **Plant Tour Host Presentation**

- 1. Cleveland Cliffs HDG Line Overview,  
and Safety Best Practices** **9:00 am**  
Jerry Drocton - Cleveland Cliffs

#### **CGL's Annealing Furnace, both recent technology developments and under consideration future decarbonization options**

- 2. DFI technology and furnace decarbonization options** **9:30 am**  
Victor H. Hernandez - Linde
- Coffee Break **10:00 am**
- 3. Annealing Furnace Decarbonization Options** **10:15 am**  
SMS/Drever
- 4. Annealing Furnace Decarbonization Solutions** **10:45 am**  
Fives
- 5. Bubble radiant tube performance, & electrical panel  
development for decarbonization** **11:15 am**  
M. Bisson, Bisson Impianti Industriali
- Morning Wrap-up **11:45 am**
- Lunch **Noon**
- 6. Understanding the Operational Intricacies of  
Typical Galvanizing Furnace Combustion Systems** **1:00 pm**  
Tom Rohrbaugh, Anderson Furnaces LLC
- 7. Jet Vapor Deposition Technology** **1:30 pm**  
John Cockerill Industries
- 8. Induction heating for continuous annealing furnaces,  
and future options for furnace decarbonization** **2:00 pm**  
Maxime Andre, Inductotherm



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|--|----------------|
| <b>9. Developments in burner technology &amp; decarbonization</b><br>Bloom Engineering   | <b>2:30 pm</b> |
| Coffee Break   | 3:00 pm        |
| <b>10. Recent developments in Fast Jet Cooling technology</b><br>Primetals   | <b>3:15 pm</b> |
| <b>11. In-furnace sensors for continuous monitoring of<br/>phase transformation X-CAP</b><br>SMS   | <b>3:45 pm</b> |
| <b>12. Radar-based high temperature strip sensing with<br/>no onboard sensor electronics for in-furnace strip<br/>guiding and width measurement</b><br>Max Werner, IMS | <b>4:15 pm</b> |
| <b>10. Next meeting</b> <ul style="list-style-type: none"><li>- 24-27 March 2024</li><li>- Expo Acero, Monterrey, MX</li></ul>   | <b>4:45 pm</b> |
| <b>11. Chair conclusion</b>  |                |
| <b>12. Adjourn</b>   | <b>5:00 pm</b> |

### **Wednesday, 11 September 2024**

Tour: Cleveland Cliffs – Cleveland HDGL 9:00 am  
Address – TBD

Please bring your own PPE if practical but a minimum of:

- Long pants
- Long sleeve shirt
- Closed toe shoes
- Safety glasses



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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.