

SCRAP SUPPLEMENTS & ALTERNATIVE IRONMAKING 10

9–11 March 2026

Drury Plaza Hotel Orlando Lake Buena Vista
Orlando, Fla., USA



ABOUT THE PROGRAM

The 10th Scrap Supplements & Alternative Ironmaking Conference will bring together industry leaders to share the latest innovations and strategic insights in the evolving field of alternate iron units (AIUs). This international forum will spotlight emerging technologies, process and project development, and future directions critical to enhancing ironmaking efficiency beyond traditional scrap use. With a focus on advancements in alternative ironmaking technologies, the event will explore innovations that support higher-grade steel production and decarbonization goals. This conference offers a unique opportunity to shape the future of ironmaking through shared expertise and collaboration.

WHO SHOULD ATTEND

Those engaged in the production, sale, and use of iron units and scrap; managers and engineers from electric furnace and blast furnace-based steel companies; suppliers of iron ore, coal, natural gas and hydrogen; and steel company, engineering company, academic and research institute personnel engaged in ironmaking process development.

REGISTRATION

Registration includes a welcome reception on Monday and Tuesday evening receptions, breakfast and lunch Tuesday and Wednesday, and online access to presenter-approved presentations.

HOTEL ACCOMMODATIONS

A block of rooms has been reserved at the Drury Plaza Hotel Orlando Lake Buena Vista. Please call the hotel at +1.407.560.6111 to check room availability.

ORGANIZED BY

AIST's Direct Reduced Iron Technology Committee.

ORGANIZING COMMITTEE

Jan van der Stel, Tata Research IJmuiden
Joseph Poveromo, RMI Global Consulting
Angelo Manenti, Metal Consulting LLC
Vincent Chevrier, Midrex Technologies Inc.
Thomas Battle, Consultant
José Noldin, Gravithy
Mitren Sukhram, Hatch
Zane Voss, CIX Inc.
Karim Badr, RHI Magnesita
Ko-ichiro Ohno, Kyushu University

Event Sponsors

MIDREX



AIST Members

US\$1,045

Non-Members

US\$1,345

AIST.org

MONDAY, 9 MARCH

Registration (2–4 p.m.)

Welcome Reception (5–6 p.m.)

TUESDAY, 10 MARCH

Registration and Breakfast (7 a.m.)

Morning Sessions (8 a.m.)

- *Overview of Direct Reduction and Alternative Ironmaking Processes and Products*
Joseph Poveromo, Raw Materials & Ironmaking Global Consulting, and Jan van der Stel, Tata Steel Europe
- *Tomorrow's Steel Mill, Today: Pesquería Leads Sustainable Innovation*
Leonardo Tamez, Tenova HYL
- *The (New) Gold Standard for Ironmaking*
Vincent Chevrier, Midrex Technologies Inc.
- *Electric Smelting Furnace-Based Flowsheets for Sustainable Iron and Steel Production*
Sa Ge (Gesa), Hatch
- *Enhancing the Value-in-Use of Direct Reduced Iron in Electric Steelmaking*
Anup Sane, Air Products and Chemicals Inc.
- *Using Stiff Extrusion of DRI Fines and Dust to Make Fluxed Pig Iron, a High-Value Charge for EAFs*
Mark Ford, JC Steele & Sons
- *Hybrit Pilot Project: Melting H₂-DRI With 0% Carbon*
Gunilla Hyllander, Hybrit Development AB

Afternoon Sessions (1 p.m.)

- *Direct Reduced Iron Quality and Electric Furnace Steelmaking*
P. Chris Pistorius, Carnegie Mellon University
- *The Challenge of the Japanese Steel Industry to Achieve Carbon Neutrality*
Takahiro Nishino, JFE Steel Corp.
- *Forging the Future of Iron: Energy, Economics and Emissions*
Brian Jamieson, Charm Industrial

– *Enhancing the Value of HBI Fines Through Their Use in Cliffs' Operations*
Jianghua Li, Cleveland-Cliffs Inc., and Ziggy Suchonski, FPT-Zalev Brothers Co.

– *Green Steel Past and Present Outlook*
Sara A. Hornby, Global Strategic Solutions Inc.

– *Blast Furnace Decarbonization by Using Metallics*
Reinoud van Laar, Danieli Corus BV

– *Recent Hlsarna Operational Developments at the IJmuiden Pilot Plant*
Jan van der Stel, Tata Steel Europe

– Reception

Adjourn (6 p.m.)

WEDNESDAY, 11 MARCH

Breakfast (7 a.m.)

Morning Sessions (8 a.m.)

- *Update on Hlsmelt*
Neil Goodman, Smelt Tech Consulting
- *The NRRI Direct Reduced Iron Simulator*
Brett Spigarelli, Natural Resources Research Institute
- *Reduction Behavior of Iron Ores by H₂ at Multistage Reduction*
Sungmo Jung, Pohang University of Science and Technology
- *Scalable Electrochemical Ironmaking for Green Steel Production*
Xavier Lhoest, John Cockerill
- *Zero-Emissions Steel Technology: From Proof-of-Concept to Demonstration Plant*
Seb van Dorp, Galix
- *Numerical Simulation of Reducing Gas Composition Impacts on DRI Shaft Furnace Operation*
Samuel Nielson, Purdue University Northwest
- *Raw Material Strategies for Circularity and Sustainability*
Jeremy Jones, CIX Inc.

Afternoon Sessions (1 p.m.)

- *In-Flight Hydrogen Microwave Plasma Processing of Fines*
Thomas Cameron, University of Minnesota
- *Element Zero — Electroreduction of Iron Ore*
Neil Goodman, Smelt Tech Consulting
- *Hybrit Pilot Project: New Sponge Iron Product With Unique Properties*
Volker Schöllmann, Hybrit Development AB
- *Will the Emergence of Green Metallics Hubs Lead to an HBI Price Decoupling?*
Ricardo Monte Alto, Hatch Advisory
- *Profitable Decarbonization of the Ironmaking Furnace: A New Approach to Top Gas Recycling*
Evan Haas, Helix Carbon
- *A Carbon-Free Iron Ore Reduction Process for Producing High-Purity Green Iron*
Hani Farran, Helios
- *New AI-Based Features for Improved Scrap Density Measurement and Nonhomogeneous Scrap Classification*
Matías Bertoni and Marcelo Saparrat, Tecnoap
- *DRI Smelting Metal — OBMs for Steelmaking*
Timo Haimi, Metso Metals Oy

Conference Adjourn (5:30 p.m.)



SCAN FOR MORE INFORMATION
AND AN UP-TO-DATE SCHEDULE

