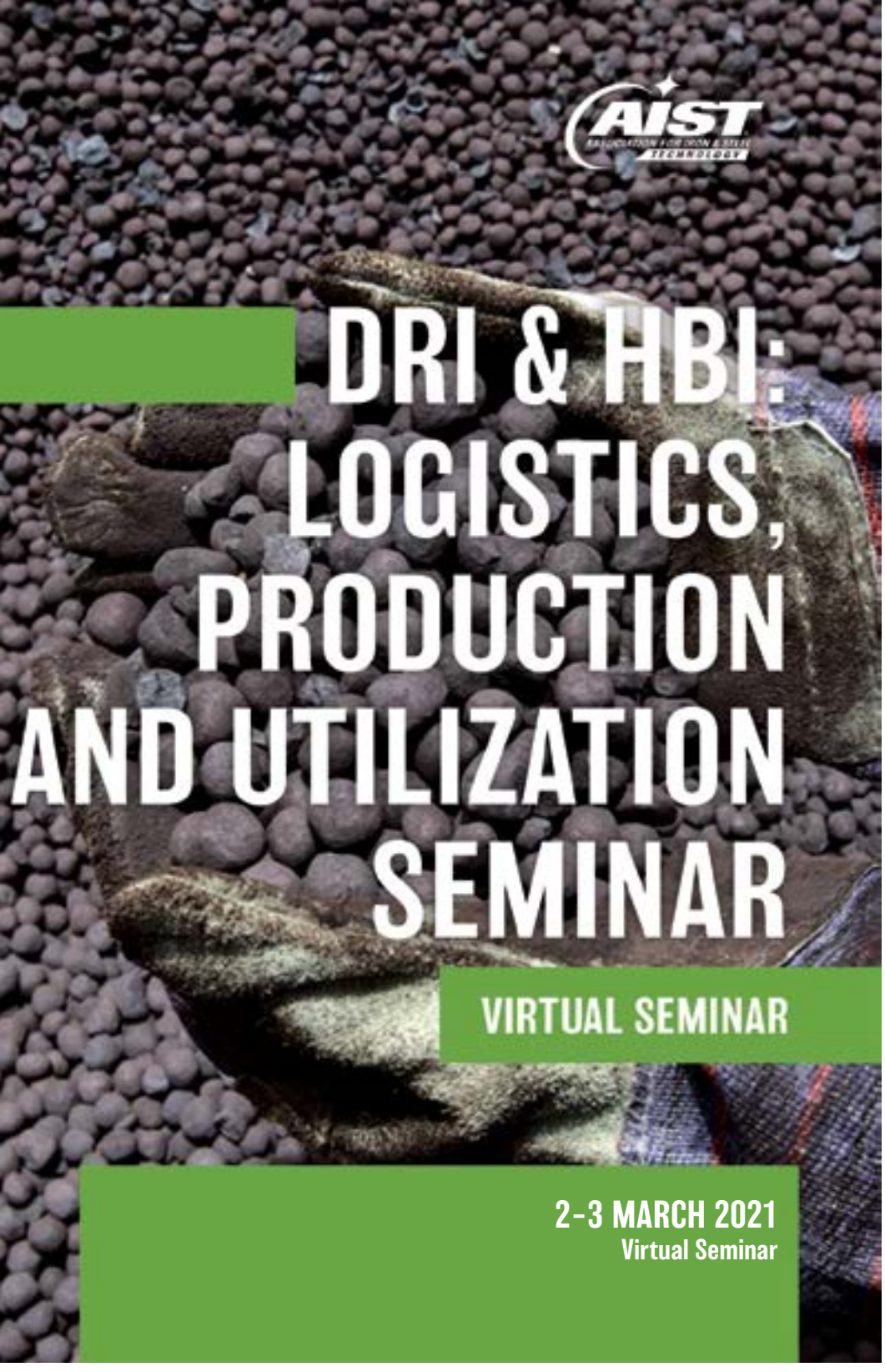

UPCOMING HYBRID EVENTS

Hot Sheet and Plate Rolling Fundamentals – A Practical Training Seminar
8–11 February 2021
Virtual Meeting

Digital Transformation Forum for the Steel Industry
17–20 May 2021
Omni William Penn Hotel
Pittsburgh, Pa., USA

Modern Electric Furnace Steelmaking Fundamentals – A Practical Training Seminar
24–28 May 2021
Nashville Marriott at Vanderbilt University
Nashville, Tenn., USA

Maintenance Solutions: Fundamentals and New Frontiers
21–23 September 2021
Embassy Suites San Antonio Riverwalk
San Antonio, Texas, USA

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ABOUT THE PROGRAM

The production and use of direct reduced iron (DRI) in North America is increasing with the reduced price of natural gas due to advances in drilling technology. As such, DRI is becoming a more important feedstock to the steelmaking process. This conference will focus on areas that include: raw materials and DRI handling and shipping; technologies to produce DRI; and the use of DRI to produce steel in electric arc furnaces (EAFs), blast furnaces and basic oxygen furnaces (BOFs).

WHO SHOULD ATTEND

Those engaged in the production, sale and use of DRI; managers and engineers from EAF, BOF and blast furnace operations; suppliers of iron ore, coal and natural gas; steel company, engineering company, academic and research personnel engaged in ironmaking process development.

ORGANIZED BY

AIST's Direct Reduced Iron Technology Committee.

PROFESSIONAL DEVELOPMENT HOURS

This course may qualify for up to 11.25 Professional Development Hour (PDH) credits. Each attendee will receive a certificate listing the quantity of PDH credits earned for this course. This course is not approved for PDH credit in New York, Florida, North Carolina and Oklahoma.

REGISTRATION INCLUDES

Virtual event registration includes Zoom link to access live presentations and online link to download conference materials.

AIST MEMBERS Virtual	NON-MEMBERS Virtual
US$645	US$895

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Visit AIST.org/byoyp for more information.

SCHEDULE OF EVENTS

Tuesday, 2 March 2021

8 a.m. EST
Welcome and Introductions

8:10 a.m. EST
Introduction to DR Product, Production and Use
Joseph Poveromo, RMI Global Consulting

8:40 a.m. EST
Pellets for Direct Reduction
Renard Chaigneau, Baffinland
Within direct reduced iron (DRI) production, high-grade iron ore and preferably pellets are a key burden component. The lecture will cover the key quality components to look for, how to manufacture such high-grade pellets and the value of high grade through processing in the DRI/electric arc furnace (EAF) route.

9:40 a.m. EST
Direct Reduction Technology (Non-Gas-Shaft-Based)
Yakov Gordon, Hatch Ltd.

10:10 a.m. EST
Break

10:25 a.m. EST
MIDREX DRI Technology and Project Overview
Vincent Chevrier, Midrex Technologies Inc.

11:10 a.m. EST
ENERGIRON HYL Technology and Project Overview
Teresa Guerra, Tenova HYL

11:55 a.m. EST
Lunch Break

12:45 p.m. EST
Air Quality Permitting and Compliance for the Ironmaking Sector
Tim Desselles, SLR International Corp.
Air quality permitting and compliance for industrial facilities, from the basics to an introduction of advanced concepts, with examples specific to the iron and steel industry.

1:30 p.m. EST
Water Treatment

2:15 p.m. EST
Dust Recovery and Reuse
Erick Bubniak, Diproinduca Canada Ltd.

3 p.m. EST
Networking Lounge

5 p.m. EST
Adjourn

Wednesday, 3 March 2021

8 a.m. EST
Welcome and Introductions

8:10 a.m. EST
DRI and HBI: Bulk Material Handling and Shipping
Nigel Noel, Nu-Iron Unlimited

9:10 a.m. EST
DRI: Safe In-Plant Handling and Storage
Sergio Guzman and Joel Morales, Tenova Core

9:45 a.m. EST
Break

10:10 a.m. EST
ArcelorMittal: Production and Use of DRI
Maude Levesque, ArcelorMittal Canada Inc.

11:10 a.m. EST
Nucor: DRI Use in EAF
Daniel Holmes, Nucor Steel-Berkeley

Noon
Lunch

1 p.m. EST
Use of DRI in EAF Steelmaking
Jeremy Jones, Continued Improvements Experts (CIX Inc.)
This presentation will evaluate the use of DRI/HBI in the EAF globally. It will also touch on quality aspects and methods to optimize the use of DRI/HBI. Actual results will be presented from various DRI/EAF operations.

2 p.m. EST
DRI and the Future of Steelmaking
Alisha Giglio, Hatch Ltd.
Overview of steel process routes (blast furnace-basic oxygen furnace, DRI-EAF, scrap-EAF) and the main differences, tonnages, greenhouse gas emissions and future growth. Discussion will cover why DRI is important and how it fits in with overall future steelmaking options (hydrogen DRI, etc.)

2:45 p.m. EST
Networking Lounge
Join your fellow attendees, instructors and AIST staff for this 30-minute networking session for further insight on the course and to meet other attendees.

3:45 p.m. EST
Adjourn Conference