

HATCH



Meet our Experts

Booth # 835 at AISTech 2019

The Iron & Steel Technology Conference and Exposition



Monday May 6



Ironmaking - Technology Development & Research I

Behavior of Carbon in a Blast Furnace and the Use of Carbon Content in Hot Metal for the Monitoring and Control of the Ironmaking Process

9:30 AM | Rm. 405 | Co-Presenter: Yakov Gordon



Ironmaking - Campaign Extension

Managing Titania-Bearing Products in Blast Furnace Ironmaking

9:30 AM | Rm. 404 | Co-Author: Ian Cameron



Ironmaking - Technology Development & Research I

Implementation of a Tuyere Leak Detection Soft Sensor on USS Blast Furnace No. 14

10:00 AM | Rm. 405 | Presenter: Ian Cameron



Ironmaking - Campaign Extension

Hearth Temperature Control at USS Blast Furnace No. 14

10:30 AM | Rm. 404 | Presenter: Ian Cameron



Computer Applications - Plant Systems

Maximize Asset Value Through Risk-Based Asset Management: Sharing an Approach for Building an Effective Asset Management Plan

10:30 AM | Rm. 315 | Presenter: Gerald Ayling



Oxygen Steelmaking - Advanced Chemistry

Production of Ultralow-Phosphorus Steels in the BOF: Meeting the Technical and Operational Challenges

10:30 AM | Rm. 409 | Presenter: Sunil Kumar



Ironmaking - Campaign Extension

Blast Furnace Campaign Extension at JSW BF#3

11:00 AM | Rm. 404 | Presenter: Yakov Gordon



Ironmaking - Operations, Investigations, Analysis I

Application of Heat Transfer Regularities to Control Wind Rate Among Blast Furnace Tuyeres

02:00 PM | Rm. 404 | Presenter: Yakov Gordon



Ironmaking - Operations, Investigations, Analysis I

2:00 PM to 4:00 PM | Rm. 404 | Session Chair: Barry Hyde



Ironmaking - Injection

Blast Furnace Operation Improvement with Simultaneous Injection of Natural Gas and PCI

03:30 PM | Rm. 405 | Presenter: Yakov Gordon

Tuesday May 7



Ironmaking - Technology Development & Research II
2:00 PM to 5:00 PM | Rm. 405 | Session Chair: Janice Bolen



Galvanizing - Advances in Galvanized Coating Weight Control
Optimizing Coating Weight at U. S. Steel Midwest Plant No. 3 Continuous Galvanizing Line
10:00 AM | Rm. 310 | Presenter: Ivan Marincic



Ironmaking - Operations, Investigations, Analysis II
Understanding Blast Furnace Hearth Wall Temperatures to Support Operational/Maintenance Decisions
10:00 AM | Rm. 404 | Presenter: Maher Al-Dojayli



Electric Steelmaking - Production
Using Thyristor-Controlled Series Reactors to Improve EAF Productivity and Lower Operating Costs at North Star BlueScope Steel LLC
10:30 AM | Rm. 406 | Presenter: Michael Campbell



Ironmaking - Operations, Investigations, Analysis II
Diagnostics, Optimization and Mathematical Models of Coke-Sinter-Hot Metal Production Process
11:00 AM | Rm. 404 | Presenter: Yakov Gordon



Project and Construction Management Technology Committee
Strategies for Project Planning and Execution with Limited Resources
2:00 PM to 5:00 PM | Rm. 318 | Panel Chair: Neil Tannyan



Project and Construction Management Technology Committee
Strategies for Project Planning and Execution with Limited Resources
2:00 PM to 5:00 PM | Rm. 318 | Panelist: Russell Sindrey

Wednesday May 8



Ironmaking - Technology Development & Research III
8:00 AM to 10:00 AM | Rm. 405 | Session Chair: Mitren Sukhran



Ironmaking - Equipment & Maintenance II
A Revolution in Blast Furnace Cooling
8:00 AM | Rm. 404 | Presenter: Dave Rudge



Ironmaking - Equipment & Maintenance II
Monitoring Blast Furnaces and Other Process Vessels by Acoustic Emission (AE) Monitoring Technique
9:30 AM | Rm. 404 | Presenter: Winnie Ying

Additional Information



Mitren Sukhram, Senior Process Metallurgist
Papers Chair for Ironmaking Technology Committee



Josef S. Kapitan Award - Ironmaking Technology Committee Paper award to the Paper entitled “Thermal Bending in Blast Furnace Copper Staves” presented at AISTech 2018



Book Draw
Chance to win Blast Furnace Ironmaking book co-authored by Ian Cameron



President’s Award Breakfast
Tuesday May 7 | 8-9:45am



George Koenig, Director – Global Business and Technology Development
AIST Foundation 2015-2016 AIST President
Town Hall Forum Chair | Wed May 8 | 10am to noon



Ted Lyon, Managing Director, Bulk Metals
AIST Foundation President Elect 2017-2019



Joseph Dzierzawski, Global Director, Technology & Business Development, Iron & Steel
AIST Foundation Treasurer