About the Program
The goal of the conference is to give attendees the knowledge and background to assess and understand the condition of their combustion system equipment. Attendees will also be given exposure to the latest techniques for the upgrade and optimization of their systems to improve energy performance and reduce emissions. The workshop will highlight the opportunities for sensors and controls to achieve tighter control of temperature zones, better adjusting of thermal systems, and increased process throughput and energy savings. The use of sensors and diagnostics, computational fluid dynamics modeling and visualization, techno-economic evaluations, and advanced energy optimization techniques such as thermal recovery and use of pure oxygen, as well as selection of refractory materials, will be covered. The conference will also cover decarbonization-related topics such as the use of low-carbon fuels and energy sources, use of electrotechnologies, and the application of innovative energy efficiency solutions.

Who Should Attend
This training seminar is designed for supervisors, engineers, and technicians who are directly involved in the operation, maintenance, design or installation of combustion equipment in steel mills. Other attendees who would benefit from this seminar include risk managers, safety personnel, utility personnel who manage fuels utilization, purchasing personnel who procure utilities and environmental engineers who are responsible for air quality. This training would also benefit the energy engineers/managers who are responsible for energy efficiency and optimization on-site.

Registration Fees
Advance registration by 6 February 2023: Member US$895, Non-member US$1,140. Registration fee after 6 February 2023: Member US$995, Non-member US$1,240. Registration fee includes Tuesday reception, Tuesday–Thursday continental breakfast and lunch, plant tour with bus transportation, and a course workbook or flash drive including presentations.

Hotel Accommodations
A block of rooms has been reserved at the Drury Plaza Hotel Cleveland Downtown. Please call the hotel at +1.216.357.3100 by 28 February 2023 to secure the AIST discount rate of US$154 per night for single/double occupancy.

Professional Development Hours
This course may qualify for up to 14 Professional Development Hour (PDH) credits. Each attendee will receive a certificate listing the quantity of PDH credits earned for the course. This course is not approved for PDH credits in New York, Florida, North Carolina and Oklahoma.

Attention Non-Members
Non-member registration fees include membership in AIST through 31 December 2024. Membership is not automatic. A completed membership application must be returned to AIST.

Organized By
AIST’s Energy & Utilities Technology Committee.