



INDUSTRIAL HEATING EQUIPMENT ASSOCIATION

IHEA's digital classroom: New webinars and online learning



IHEA's webinar series highlights carbon-producing heating processes and offers practical ways to improve their performance, lower energy use, and reduce overall emission intensity. (Courtesy: Shutterstock)

IHEA's webinar series continues in 2026: IHEA's webinar series highlights carbon-producing heating processes and offers practical ways to improve their performance, lower energy use, and reduce overall emission intensity. The series continues in 2026 with new titles and expanded content to further support industry professionals in advancing their sustainability and decarbonization goals.

To register for any of the IHEA webinars, visit www.ihea.org, click on the Events & Training tab then scroll down to Sustainability Webinar Series where they will be listed in chronological order.

ENVIRONMENTAL RISK COMMUNICATION FOR THE THERMAL PROCESS INDUSTRY

January 22 | 11 a.m. Eastern
Anthony J. Sadar, Environmental Science Communication, LLC and Geneva College

If you manage environmental issues for your company, it's not a matter

of if, but when you will be faced with risk communication challenges. Planning to meet these challenges means more than preparing for emergencies and dealing with contentious issues. With public trust on the decline and ever-changing news dynamics, successful strategy increasingly relies on solid foundational principles. This webinar will explore key principles along with practical advice and hard-hitting, real-world examples and solutions in this overview of environmental risk communication focused on the thermal processing industries.

BURNER LABORATORIES TO ADVANCE FUEL UTILIZATION FOR THERMAL ENERGY (BLAZE) - OVERVIEW OF A NEW US DOE TESTING PLATFORM

February 19 | 11 a.m. Eastern
Kristyn Johnson May, Research General Engineer, National Energy Technology Laboratory, U.S. DOE

The new Burner Laboratories to Advance Fuel Utilization for Thermal

Energy (BLAZE) platform is designed to accelerate the commercial adoption of fuel-flexible combustion technologies within the energy-intensive industrial heating sector. BLAZE offers industry leaders unparalleled access to state-of-the-art testbed facilities and capabilities uniquely offered within the U.S. Department of Energy National Laboratories. These facilities include test furnaces equipped with advanced instrumentation, enabling the rigorous evaluation and validation of novel combustion, sensor, and materials technologies, particularly for industrial heat applications using advanced fuel blends of natural gas, hydrogen, biogas, and ammonia.

This webinar will outline how testing and developing technology within the BLAZE platform can help U.S. industries enhance energy efficiency, reduce emissions, and boost competitiveness by enabling the use of a wider range of fuels. We will discuss the project's capabilities in leveraging computational modeling for retrofits and scaling, and the comprehensive Service Center providing access to critical information, and support in areas such as hydrogen safety, advanced sensors, and workforce development.

THE REALITIES OF AN ALL-ELECTRIC PAINT LINE

March 19 | 11 a.m. Eastern

Julian Capriles, Manufacturing Project Manager, Siemens and Aaron Hughes, Executive Vice President, GAT Finishing Systems

The words "all-electric" likely cause people to pause when considering industrial processes. But that didn't stop Siemens, who recently introduced its first all-electric paint line at its Grand Prairie, Texas, Electrical Products facility. With the goal of reducing natural gas and associated CO2 emissions, Siemens is sharing their experiences and thought processes through this webinar. Attendees will learn the process of making the decision to move to all-electric, the steps it took to design and install the system and most importantly, hear how Siemens reduced the facility's gas consumption by more than 90 percent. Much thought and planning went into the development of this system. While ensuring the new paint line maximized energy efficiency, other aspects of the process — including powder materials chemistry, heat reuse, and material characteristics — were trialed for improved efficiency as well.

IHEA webinars are free. IHEA also offers recordings of previous webinars that can be viewed at any time. Recorded webinars are at www.ihea.org, click the Sustainability tab, then scroll down to Sustainability Past Webinars for a listing by title.

LEVEL UP YOUR CAREER WITH IHEA'S FUNDAMENTALS ONLINE COURSE

IHEA's online courses have been a successful source of high-level education for those who prefer a virtual learning experience. The Fundamentals of Industrial Process Heating will run from March 16 through April 26, 2026. This extensive six-week course provides a basic understanding of process heating, and an engineering background is recommended to take this course. The curriculum includes the basics of heat transfer, fuels and combustion, energy use, furnace design, refractories, automatic control, and atmospheres as applied to industrial process heating. Weekly coursework, quizzes, and a final exam project are administered to guide students on their progress and evaluate their knowledge of the material.

Moderator interaction is available during the weekly forum discussions and via email for questions and to review the coursework. Dan Curry serves as moderator for the course. Curry, now retired, has



experience in product development and management in industrial burners, burner control systems, temperature controls, and combustion systems. Throughout his working career, he served on various technical committees for ISO TC244, NFPA 86, NFPA 87, CSA B149.3, and the Safety Standards & Code Committee of Industrial Heating Equipment Association.

Registration fee includes the online course materials sent electronically. A printed version can also be purchased. Students successfully completing the course will receive a certificate of completion noting 18 PDHs. The course fee is \$775 for IHEA members; \$950 for non-members.

Group Discount Available: Register two or more people from the same company at the same time to receive discounted registration. The first person will receive the regular rate, and each additional attendee will receive a \$125 discount.

For a complete listing of the topics covered and registration information go to: www.ihea.org/event/FundamentalsSpring26.

BECOME AN IHEA MEMBER TODAY

Help drive member success as we expand our knowledge base and authoritative industry voice! Learn more at www.ihea.org/page/Benefits.

IHEA CALENDAR OF EVENTS

JANUARY 26-29, 2026

IHEA 2026 Annual Meeting

Location: Celebrity's Reflection cruise ship, with stops at Key West and CocoCay, Bahamas

FEBRUARY 19, 2026

Sustainability Webinar – Overview of a New US DOE Testing Platform

FEBRUARY 22, 2026

Sustainability Webinar – Environmental Risk Communication for the Thermal Process Industry

MARCH 19, 2026

Sustainability Webinar – The Realities of an All-Electric Paint Line

For details on IHEA events, go to www.ihea.org/events

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