



INDUSTRIAL HEATING EQUIPMENT ASSOCIATION

Breaking Ground: Decarbonization SUMMIT – Can you risk doing nothing?



IHEA's two-day SUMMIT will tackle the decarbonization challenges in the industrial heating industry. (Courtesy: Shutterstock)

The hottest topic facing the industry today will take center stage at the Industrial Heating Equipment Association's (IHEA) first Industrial Heating Decarbonization SUMMIT at the Conrad Indianapolis October 28-30. This high-level forum will tackle decarbonization challenges with a comprehensive mix of available technologies as well as those in development that allows companies to reduce their carbon footprint now while planning for the future. The SUMMIT is designed to be a gateway to the future of manufacturing heating processes, leveraging the energy and carbon connection, and sustainable environmental stewardship. It will help answer the question: Can you risk doing nothing?

"I think it's critically important that all parties being affected

by decarbonization efforts come together to discuss both the opportunities and the challenges that companies face in moving forward," said IHEA Executive Vice President Anne Goyer. "We encourage everyone to bring their concerns to the SUMMIT, so our experts that make up the SUMMIT program, along with DOE and our exhibitors, can have honest discussions that will be productive for all who attend."

The two-day SUMMIT program contains a lineup of topics that will inform and guide attendees in their journey to decarbonization, along with a tabletop exhibition where attendees can visit with suppliers to learn more about the products and services that will help them navigate the decarbonization efforts.

TUESDAY, OCTOBER 29

Keynote Presentation

» **Understanding the US DOE Industrial Decarbonization Initiatives:** Dr. Avi Shultz.

Before undertaking change, it's critically important to understand why change is necessary and learn about ways companies can strategically work to engage the change to benefit their business. The U.S. Department of Energy through its new Industrial Efficiency and Decarbonization Office (IEDO), is committed to assisting companies to both understand and begin to implement changes that will help industrial processes to decarbonize. Dr. Avi Shultz will open IHEA's Industrial Heating Decarbonization SUMMIT with a keynote address that will lay the groundwork for embracing ways to start the decarbonization process.

The Energy-Carbon Connection

» **Energy Consumption and the Resulting Carbon Emissions:** Michael Stowe, senior energy engineer, Advanced Energy.

» **The Scopes of Greenhouse Gas Emissions:** Michael Stowe, senior energy engineer, Advanced Energy.

Pathways to Decarbonization

» **Combustion Processes:** Jason Safarz, regional sales manager., Karl Dungs, Inc.

» **Electrical Processes:** Michael Stowe, senior energy engineer, Advanced Energy.

» **Carbon Capture & Sequestration (CCS):** John Carroll, principal engineer — net zero technologies, Southern Company.

Improving Efficiency in Thermal Processes

» **Reducing Fuel Consumption:** Brian Kelly, Applications Engineer Mgr., Honeywell Thermal Solutions; Keenan Cokain, Corporate Sales & Applications manager., Bloom Engineering Co., Inc.

» **The Impact of Automation, Controls and Ancillary Equipment:** Jeff Rafter, VP Sales & Marketing, Selas Heat Technology Co. LLC; Bob Fincken, VP Sales, Super Systems, Inc.

Alternatives to Fossil Fuel Combustion

» **Low Carbon Fuels & Hydrogen:** Brian Kelly, applications engineer manager., Honeywell Thermal Solutions;

» **Erik Anderson, Vice President, Ambient Fuels.**

» **An Overview of Direct Versus Indirect Electrification:** Perry Stephens, principal technical leader, EPRI.

Reception and Visit with Exhibitors

WEDNESDAY, OCTOBER 30

Resources & Programs

» **DOE Programs and Tools:** Paulomi Nandy, manufacturing energy efficiency research analysis group, ORNL.

» **ISO 50001 & 50001 Ready Program:** Michael Stowe, senior energy engineer, Advanced Energy.

Reaching Net-Zero

» **Reducing, Converting, and Trading to get to ZERO Carbon:** Sandeep Alavandi, program manager, GTI Energy.

Benchmarking: A Global Perspective

» **The State of Decarbonization in Europe:** Dr. Joachim Wuenning, president, WS Thermal Process Technology Inc.; Dr. Christian Schwotzer, Group Manager, Renewable Energy, RWTH Aachen University.

» **The State of Decarbonization in Japan:** Hiroyuki Akita, Heat Treatment Engineering Section, Daido Steel Co., Ltd.

Industry Adoption

» **Economic & Business Concerns:** Bryan Stern, Product Development Mgr., Gasbarre Thermal Processing Systems.

» **Codes and Standards:** Jason Safarz, regional sales manager., Karl Dungs, Inc.

» **Grants and Funding Sources:** Micki Vandelloo, president, Lakeview Consulting.

» **The Risk of Doing Nothing:** Nathan Roberts, U.S. DOE, Energy Efficiency & Renewable Energy Industrial Efficiency and Decarbonization Office.

Decarbonization Implementation Panel

» Jeff Kaman, manager, Energy Supply and Sustainability, John Deere.

» Tim Hill, general manager, Sustainability Solutions, Nucor.

» B.J. Bernard, president, Surface Combustion, Inc.

» Sandeep Alavandi, program manager, GTI Energy.

TABLETOP EXHIBITORS (AS OF 9/12/24)

» Bloom Engineering

» Chiz Bros

» Excelitas Noblelight America LLC

» Fostoria Infrared - a Div. of TPI Corp.

» Gasbarre Thermal Processing Systems

» Heat Treat Today

» Honeywell Thermal Solutions

» IHEA

» PRE-Heat

» Surface Combustion, Inc.

SUMMIT GENERAL INFORMATION

» **Location:** Conrad Indianapolis

» **Monday, October 28:** 5-6:30 p.m.

» **Tuesday, October 29:** 7:30 a.m.-7 p.m.

» **Wednesday, October 30:** 7:30 a.m.-4:30 p.m.

» **To register go to:** www.summit.iheta.org

EVENT SPONSORS

» Honeywell

» WS Thermal

» Heat Treat Today

INDUSTRIAL HEATING EQUIPMENT ASSOCIATION

P.O. Box 679 | Independence, KY 41051

859-356-1575 | www.iheta.org

