



INTERNATIONAL FEDERATION OF HEAT TREATMENT AND SURFACE ENGINEERING

More World Congress details available



The 29th IFHTSE World Congress, a premier global event dedicated to advancing the fields of heat treatment and surface engineering, will be held Sept. 30 to Oct. 3 in Cleveland, Ohio. (Courtesy: Shutterstock)

The ASM Heat Treating Society (HTS) and the International Federation for Heat Treatment and Surface Engineering (IFHTSE) proudly present the highly anticipated 29th IFHTSE World Congress, a premier global event dedicated to advancing the fields of heat treatment and surface engineering. Co-located with ASM's annual meeting, IMAT 2024, the congress is October 1-3, 2024, in Cleveland, Ohio.

The 2024 IFHTSE World Congress' theme is "Innovations in Heat Treatment and Surface Engineering for a Sustainable Future." Emphasizing the critical role of these technologies in shaping a sustainable world, the event will explore the latest developments, breakthroughs, and practices that can enhance the efficiency, performance, and environmental impact of heat treatment and surface engineering processes. In addition, traditional heat-treating topics will be offered.

FUTURE OF HEAT-TREATING WORKSHOP

As part of the event, a special workshop on the Future of Heat Treating will be Monday, September 30, 2024, 3-5 p.m. This two-hour session will delve into three critical areas of heat treating and surface engineering: Data/IoT, sustainability, and education. Led by subject matter experts and facilitators from IFHTSE, participants will engage in round-table discussions, shaping a strategic plan for the global heat-treat community's needs over the next three to five years. With an

interactive format and opportunities for networking, this workshop promises insightful exchanges and actionable outcomes. Reserve your spot now and be part of shaping the future of heat treating. There is no additional fee to participate, however, pre-registration is required.

OTHER CONGRESS HIGHLIGHTS

» **Cutting-edge research presentations:** In addition to the Future of Heat-Treating Workshop, the congress will host a diverse array of presentations and technical sessions led by renowned experts and researchers from around the globe. Attendees will have the opportunity to delve into the latest discoveries, innovations, and case studies in the field.

» **Industry application and case studies:** Practical applications and real-world case studies will be showcased, highlighting the impact of heat treatment and surface engineering in various industries, including automotive, aerospace, manufacturing, electronics, and more.

» **Exhibit Hall (co-located with IMAT 2024):** An expansive exhibition area will feature leading companies, organizations, and manufacturers displaying state-of-the-art equipment, technologies, and products related to heat treatment and surface engineering.

» **Networking opportunities:** The congress provides an ideal platform for networking and collaboration, enabling attendees to interact with professionals, establish partnerships, and exchange ideas,

fostering future advancements in the field.

» **Keynote speakers:** Prominent thought leaders from the industry will deliver keynote addresses, sharing their expertise, visions, and predictions for the future of heat treatment and surface engineering.

» **Social events:** The congress will also offer various social and cultural activities, allowing participants to unwind, experience the local culture, and build camaraderie with their peers.

The IFHTSE World Congress 2024 is a must-attend event for anyone passionate about driving progress and sustainability through heat treatment and surface engineering. Join us for this unforgettable experience, where knowledge, innovation, and collaboration converge to shape a better future for our industries and the world.

IMPORTANT DATES

» **Editor Feedback to Authors:** June 14, 2024.

» **Final Manuscripts Due:** June 28, 2024.

» **More info:** www.asminternational.org/ifhtse-congress/

MORE CONFERENCES, MORE INFO

Motion in Heat Treatment – Heat Treatment in Motion June 4-6, 2025 | Prague, Czech Republic

This conference is the fifth in its series and is sponsored by AZTK (Asociace Pro Tepelné Zpracování Kovů). It will be at the Kaiserstein Palace. This event follows the 3rd conference in Prague in 2016 and the 4th conference in Spartanburg, South Carolina. While the previous focus of the event was primarily on automotive applications, the focus of this conference has been widened to all transport applications including automotive, rail, and aircraft, and marine applications of heat-treated and surface-engineered components. The event is combined with the European Conference on Heat Treatment.

» **More info:** www.ifhtse.org/events/termine/5th-International-Conference-on-Heat-Treatment-and-Surface-Engineering-in-Automotive-and-Transportation-Applications.php

30th IFHTSE World Congress

August 18-21, 2025 | Suzhou, China

This event, sponsored by the Chinese Heat Treatment Society (CHTS), follows the 25th World Congress held in Xi'an in 2018. More details are forthcoming as available.

IFHTSE 2024 EVENTS

JUNE 5-7, 2024

ECHT 2024 Conference and the 50th Annual A3TS Congress
Toulouse, France

SEPTEMBER 30-OCTOBER 3, 2024

29th IFHTSE Congress

Cleveland, Ohio | with IMAT and ASM's annual meeting

MAY 6-8, 2025

3rd QDE - International Conference on Quenching and Distortion Engineering

Vancouver, Canada

JUNE 4-6, 2025

Motion in Heat Treatment – Heat Treatment in Motion

Prague, Czech Republic

For details on IFHTSE events, go to www.ifhtse.org/events



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