



# INTERNATIONAL FEDERATION OF HEAT TREATMENT AND SURFACE ENGINEERING

## Lesley Frame is new IFHTSE president for 2026-2027 term

**L**esley Frame will be serving as the new president of IFHTSE for 2026-2027. Dr. Frame is associate professor of Materials Science and Engineering, past-UTC professor of Innovation, and director of the Center for Materials Processing Data at the University of Connecticut.

Dr. Frame received her BS from the Department of Materials Science Engineering at MIT, and she received her MS and Ph.D. from University of Arizona in the same field. Upon completion of her Ph.D., she held postdoctoral positions at The Arizona Research Institute for Solar Energy, and then at Cardiff University and the Rutherford Appleton Laboratory as a Fulbright Scholar where she studied residual stresses using neutron diffraction.

Dr. Frame spent five years in industry at ThermoTool Corp. leading product development projects, the materials characterization lab, customer technical training seminars, and process improvement efforts for the tube and pipe industry.

Her current research focuses on materials processing-structure-property relationships and failure analysis related to metals manufacturing processes, residual stress formation, corrosion, and transient materials properties.

She is actively involved in ASM International; she is a past president of the Heat Treating Society, and she was the vice president for the International Federation for Heat Treatment and Surface Engineering (IFHTSE) for 2024-2025.

### CONFERENCE UPDATES

#### *BHTS'2026*

*April 16-17*

*Istanbul, Turkey*

BHTS'2026 – the 3rd Bosphorus International Heat Treatment Symposium will be April 16-17, 2026, at the Sabancı University Performing Arts Center in Istanbul, in collaboration with the Metal Heat Treatment Industrialists Association (MISAD) and UCTEA Chamber of Metallurgical and Materials Engineers' Training Center (METEM). The chairman of the event is Nuri Kiziltan.

The symposium will provide a comprehensive platform to discuss heat treatment, one of the strategic fields of manufacturing, considering the latest technological and scientific developments. The goal is to bring together all stakeholders, including industry leaders, engineers, researchers, academics, and end users, to exchange knowledge, build collaborations, and shape the future of the field.

» For more info: [info@bhtsheat.com](mailto:info@bhtsheat.com) or [www.bhtsheat.com/en](http://www.bhtsheat.com/en)



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#### *31st IFHTSE World Congress*

*October 13-15, 2026*

*Cologne, Germany*

Organized by AWT – Arbeitsgemeinschaft Wärmebehandlung + Werkstofftechnik e. V., the 31st IFHTSE World Congress will be October 13-15, 2026, in Cologne, Germany, at the International Conference and trade fair. It will include three events: HK 2026, ECHT 2026, and the 31st IHTSE World Congress

This will truly be a huge event. If you have never attended the AWT HK (Härtereikongress) event, this is one of the largest (if not the largest) heat treating trade show in the world. This, combined with ECHT 2026 and the 31st World Congress, will be the ONE event to attend.

This large conference is organized in cooperation with the International Federation for Heat Treatment and Surface Engineering (IFHTSE) as well as the European heat treatment associations from France, Austria, Switzerland, the Czech Republic, Slovakia, and the Benelux countries. Due to the expected number of lecture registrations, the congress event is planned as a three-day event. The language of the conference will be English.



The 31st IFHTSE World Congress will be held in Cologne, Germany in 2026.

Abstracts are due March 15, 2026.  
 » **More info:** [www.hk-awt.de](http://www.hk-awt.de)

### FREE PARTICIPATION AT THE NEXT IFHTSE WORLD CONGRESS

Young researchers are invited to participate at the IFHTSE World Congress. The International Federation for Heat Treatment and Surface Engineering (IFHTSE) is dedicated to promoting the international exchange in the field. To this end, the Federation will invite some researchers younger than 35 to participate for free at the IFHTSE World Congress in Cologne in 2026. The Federation will reimburse them for the travel, accommodation, and attendance provided they present a paper in the World Congress.

After the IFHTSE Executive Committee has selected the candidates, they still need to submit an abstract to [www.hk-awt.de/vortragsanmeldungen](http://www.hk-awt.de/vortragsanmeldungen) by March 15, 2026.

Once they have presented their papers, the candidate's actual costs

will be reimbursed upon presentation of the tickets, invoices, etc, within the margin of the travel plan.

### IFHTSE 2026 EVENTS

**APRIL 16 -17**

**3rd Bosphorus International Heat Treatment Symposium**  
 Sabancı University Performing Arts Center  
 Tuzla, Istanbul

**OCTOBER 13-15**

**31st IFHTSE World Congress**  
 Cologne, Germany

**For details on IFHTSE events, go to [www.ifhtse.org/events](http://www.ifhtse.org/events)**



#### EXECUTIVE COMMITTEE

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**Prof. Mufu Yan** | Harbin Institute of Technology | China

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