



# INTERNATIONAL FEDERATION OF HEAT TREATMENT AND SURFACE ENGINEERING

## Start making plans for Heat Treat 2023, one of many big conferences ahead

**T**his event, co-located with IMAT 2023 and the Motion+Power Technology Expo in Detroit, is October 17-19 and is expected to cover many topics of interest. This is the 32nd ASM Heat Treating Society Conference and Exhibition.

At the present time, there are about 125 papers from international heat-treating professionals.

Since it is co-located with ASM's Annual Meeting, "International Materials, Applications and Technologies (IMAT)" Conference & Expo, Heat Treat will provide attendees with access to 100 materials-related exhibitors and more than 400 additional technical presentations and workshops. Also, attendees will have access to an additional 300 exhibitors with the co-located Motion+Power Technology Expo 2023.

There are numerous student/emerging professionals initiatives, including free college student registration, Fluxtrol Student Research Competition, and the new ASM Heat Treating Society Strong Bar Student Competition. This is an opportunity for young professionals and students to meet international heat-treating experts.

The technical program is available at [www.asminternational.org/heat-treat/technical](http://www.asminternational.org/heat-treat/technical)

### 28TH IFHTSE CONGRESS

*November 13-16, 2023 | Yokohama, Japan*

Sponsored by the Japanese Society for Heat Treatment, this wide-ranging conference offers participants the opportunity to network and hear presentations on a variety of topics, including thermal processing of steel, surface hardening additive manufacturing, and modeling and simulation of industrial processes.

» **Technical program info:** [jsht.or.jp/ifhtse2023/IFHTSE2023Program.html](http://jsht.or.jp/ifhtse2023/IFHTSE2023Program.html)

### IMPORTANT DATES

» **Deadline of extended abstract:** August 25, 2023.

» **Deadline of full paper submission\*:** September 29, 2023.

A special issue of JSHT is scheduled to be published in March 2024. Applicants can submit a full paper (refereed) to the special issue.



Heat Treat 2023 will be in Detroit along with the Motion+Power Technology Expo. (Courtesy: Shutterstock)

\*Only the presenters of the 28th IFHTSE Congress can submit full papers for this special issue.

### 2ND BOSPHORUS INTERNATIONAL HEAT TREATMENT SYMPOSIUM

*April 25-26, 2024 | Istanbul*

BHTS'2024 — the 2nd Bosphorus International Heat Treatment Symposium will be at Istanbul's Halic Congress Center in cooperation with MISAD — Heat Treatment Industrialists Association and METEM — UCTEA Chamber of Metallurgical and Materials Engineers' Training Center.

With the scope of this symposium, a space will be created where the challenges in advanced heat-treatment technologies, current R&D studies, new developments, and different ideas will be discussed. Within this framework, local, foreign, and international companies are invited that want to exhibit their products, services, and exemplary applications to support them as participants. The symposium is in Turkish and English. Turkish-to-English simultaneous translation will be provided in all sessions.

### IMPORTANT DATES

» **Abstract submission deadline:** October 13, 2023.

» **Deadline for papers:** January 19, 2024.

»More info: [www.bhtsheat.com/en](http://www.bhtsheat.com/en)

## 29TH IFHTSE CONGRESS

September 30-October 3, 2024 | Cleveland, Ohio

The Congress takes place in concomitance with IMAT, ASM's annual meeting. Planning for this event is in progress. More information available soon.

### IFHTSE FELLOWS TO BE PRESENTED IN YOKOHAMA

The following IFHTSE Fellows will be awarded at the 28th IFHTSE Congress in Yokohama, Japan:

»Professor Yoshinao Mishima, formerly Tokyo Institute of Technology, Japan: "In recognition of his study for improving the mechanical properties of heat-resistant metal materials by microstructure control, and contribution to the development of heat treatment technology and IFHTSE."

»Dr. U. Kamachi Mudali, Chairman and Chief Executive, Heavy Water Board, Department of Atomic Energy (DAE), Government of India: "In recognition of outstanding scientific contributions in corrosion and surface engineering of ferrous and non-ferrous alloys by innovative laser, ion beam, and chemical methods to achieve novel microstructures and improved corrosion resistance and development of high nitrogen stainless steels and high temperature ceramic coatings for aggressive corrosive environments."

### MEMBER SPOTLIGHT

#### Technical University of Denmark

DTU is one of the highest ranked technical universities in Europe. At DTU, the goal is to educate, make innovative discoveries, generate entrepreneurial ideas for improving people's lives, and protecting the environment.

Led by a dedicated faculty, DTU students are allowed hands-on access to world-class facilities as a matter of course. Students are also encouraged to work on interdisciplinary programs and to create their own academic program that will prepare them for a successful and rewarding career.

»More info: [www.mek.dtu.dk/english](http://www.mek.dtu.dk/english)

IFHTSE is a federation of organizations not individuals. There are three groups of members: scientific or technical societies and associations, universities and registered research institutes, and companies.

## IFHTSE 2023 EVENTS

OCTOBER 17-19, 2023

Heat Treat 2023

Detroit, Michigan | [www.asminternational.org/web/heat-treat](http://www.asminternational.org/web/heat-treat)

NOVEMBER 13-16, 2023

28th IFHTSE Congress

Yokohama, Japan

SEPTEMBER 30-OCTOBER 3, 2024

29th IFHTSE Congress

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

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



## IFHTSE LEADERSHIP

### EXECUTIVE COMMITTEE

**Prof. Masahiro Okumiya** | President

Toyota Technological Institute | Japan

**Eva Troell** | Past President

RISE IVF Research Institutes of Sweden | Sweden

**Prof. Massimo Pellizzari** | Vice President

Dept. of Industrial Engineering, University of Trento | Italy

**Dr. Stefan Hock** | Secretary General

IFHTSE | Italy

**Dr. Imre Felde** | Treasurer

Óbuda University | Hungary

### OTHER MEMBERS

**Prof. Rafael Colas** | Universidad Autónoma de Nueva Leon | Mexico

**Prof. Jianfeng Gu** | Shanghai Jiao Tong University | China

**Dr. Patrick Jacquot** | Bodycote Belgium, France, Italy | France

**Bernard Kuntzmann** | Listemann AG | Switzerland

**Dr. Scott Mackenzie** | Quaker Houghton Inc | USA

**Prof. Larisa Petrova** | MADI University | Russia

**Prof. Reinhold Schneider** | Univ. of Appl. Sciences Upper Austria | Austria

**Prof. Marcel Somers** | Technical University of Denmark | Denmark

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

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