



# INTERNATIONAL FEDERATION OF HEAT TREATMENT AND SURFACE ENGINEERING

## Get ready for Heat Treat 2023

**H**eat Treat 2023, October 17-19 in Detroit, Michigan, will co-located with IMAT 2023 and the Motion+Power Technology Expo and 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.

It is also co-located with ASM's annual meeting, "International Materials, Applications and Technologies (IMAT)" Conference & Expo. It will provide heat-treat attendees with access to 100 materials-related exhibitors and more than 400 additional technical presentations and workshops. Additionally, with the event being co-located with the Motion + Power Technology Expo 2023, attendees will have access to an additional 300 exhibitors.

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*

The 28th IFHTSE Congress is sponsored by the Japanese Society for Heat Treatment. This wide-ranging conference offers participants the opportunity to network and hear papers on a variety of topics, including thermal processing of steel, surface-hardening additive manufacturing, and modeling and simulation of industrial processes.

### WHAT HAPPENED AT EUROPEAN HEAT TREATING CONGRESS?

About 160 attendees and about 30 booths were at the European Heat Treating Congress, in Genova, Italy, May 29-31. Conference paper presentations on a wide variety of subjects were well attended.

Perfect weather made the event special with the reception dinner



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at the Genova Aquarium, the largest aquarium in Europe.

### SPOTLIGHT ON MEMBERS

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.

#### *Swiss Association for Heat Treatment*

The Swiss Association for Heat Treatment "SVW" has existed since 1953 and offers comprehensive training, conferences, and other events to keep its members up-to-date with the latest in heat treatment, coatings, and joining technology.

Bernard Kuntzmann, Listemann AG, is the president. Contact him at [bkuntzmann@haerten.ch](mailto:bkuntzmann@haerten.ch).

### IFHTSE FELLOW VALERY RUDNEV WINS ASM WILLIAM HUNT MEDAL

Dr. Valery Rudnev was selected to receive the ASM William Hunt



Stéphane Andrietti, Transvalor France, presents his paper “Benefits of FEM modeling for efficient and sustainable heat treatments at the European Heat Treating Congress.”

award “for dedicated service to the global materials science community, leadership, development, and promotion of induction-heating



Dr. Valery Rudnev

and heat-treating technologies and novel technologies.” The award was established by ASM International in 1960 in recognition of unusual achievements in industry in the practical application of materials science and engineering through production or engineering use.

Rudnev was director Science & Technology of Inductoheat Inc., an Inductotherm Group Company. He is considered by many as one of the leading global figures in the induction-heating and heat-treating industry. He joined Inductotherm Group in 1993 and is widely known as “Professor Induction.”

At the 23rd IFHTSE Congress 2016 in Savanna, Georgia, Rudnev was appointed IFHTSE fellow for “his preeminence in induction heat treating and modeling of the induction heat treating process.”

IFHTSE sincerely congratulates Rudnev with this prestigious award.

## IFHTSE 202X 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**

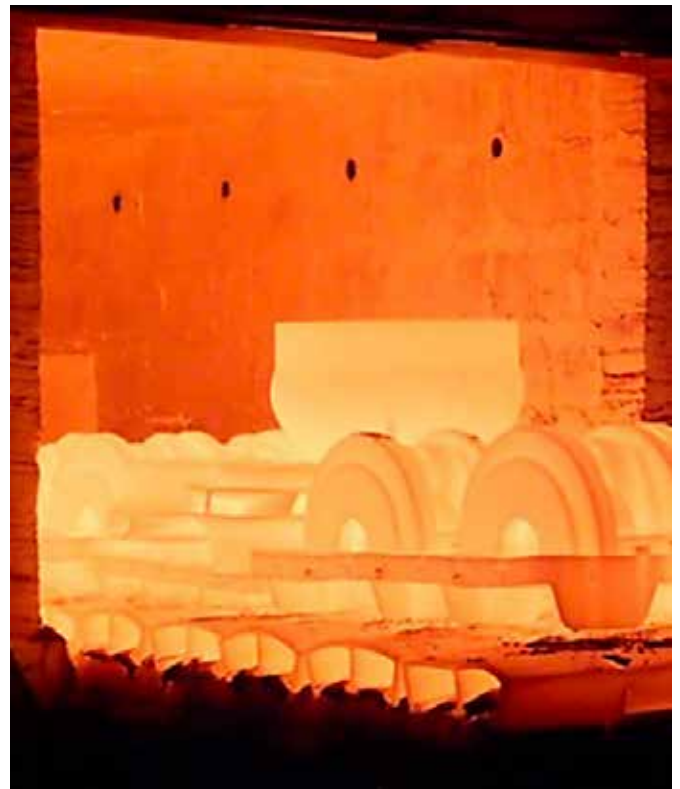
Yokohama, Japan

**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

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

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**Bernard Kuntzmann** | Listemann AG | Switzerland

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**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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