



INTERNATIONAL FEDERATION OF HEAT TREATMENT AND SURFACE ENGINEERING

Stay up-to-date with conference updates



The Third International Conference on Quenching and Distortion Engineering will be in conjunction with AeroMat 2025, May 5-8, in Vancouver, Canada. (Courtesy: Shutterstock)

The Third International Conference on Quenching and Distortion Engineering in Vancouver, Canada, May 5-8, will be in conjunction with AeroMat 2025. This is a continuation of the successful Distortion Engineering conference series and the Quenching and Distortion conference series. The first QDE was in Chicago in 2012 and occurred at five-year intervals. This conference will focus on the effects of residual stress during manufacturing and methods to control distortion and residual stress.

Beyond the enlightening sessions and informative presentations, attendees will be able to connect with peers during breaks, receptions, and special networking events. Moreover, the co-located exhibit hall, featuring cutting-edge technologies and products from AeroMat, the International Thermal Spray Conference (ITSC), and AeroTech will provide an ideal setting for fostering new relationships and exploring potential collaborations. The conference will be at the Fairmont Waterfront.

KEYNOTE PRESENTATIONS

»»Dr. Rainer Fechte-Heinen: Alternative quenching paths and how they can be used to design high performance microstructures.

»»Dr. D. Scott MacKenzie: A history of quenching and distortion engineering — an international approach.

For more information on the technical program, go to www.asmin-international.org/qde2025/technical

Motion in Heat Treatment – Heat Treatment in Motion & European Conference on Heat Treatment 2025 (ECHT 25) June 4-6 2025 | Prague, Czech Republic

The ECHT 2025 Conference and the 5th International Conference on Heat Treatment and Surface Engineering in Automotive and Transportation Applications will be in Prague at the Kaiserstein Palace, June 4-6, 2025. The European Conference on Heat Treatment (ECHT) is organized by heat treatment associations in Austria, Belgium, Czech



The ECHT 2025 Conference and the 5th International Conference on Heat Treatment and Surface Engineering in Automotive and Transportation Applications will be in Prague. (Courtesy: Shutterstock)

Republic, France, Germany, Italy, The Netherlands, and Switzerland. They are dedicated to the knowledge transfer between research and practice and the exchange of experience among engineers and scientists.

This conference is the fifth in its series. This event follows the third conference in Prague in 2016 and the fourth conference in Spartanburg, South Carolina. While the previous focus of the event was primarily on automotive applications, the focus 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.

The Aichelin Young Speakers Award will be given at this conference for the best talk by a speaker younger than 35 on an issue of high scientific or commercial relevance with implication for the industrial practice. The award includes 1,500 euros.

The Burgdorf Poster Award will be given and announced during the conference and in the reports. Posters are as equally valued as oral presentations. They give the chance to present results, graphs, and pictures in a non-transient form and discuss them with participants.

Deadline for presentation submission is May 15, 2025.

30th IFHTSE World Congress August 19-22 2025 | Suzhou, China

The 30th IFHTSE World Congress, sponsored by the Chinese Heat

Treatment Society (CHTS), follows the 25th World Congress in Xi'an in 2018. More details are forthcoming as available.

The event will be at the Suzhou Shishan International Conference Center in Suzhou City, Jiangsu Province, China.

The historically long friendship between CHTS and the IFHTSE has led to successful cooperation on several significant events, such as the Third International Congress on Heat Treatment of Materials in Shanghai in 1983, the 14th IFHTSE Congress in Shanghai in 2004, the 20th IFHTSE Congress in Beijing in 2012, the 25th IFHTSE Congress in Xi'an in 2018, and the Second International Conferences on Energy and the Future of Heat Treatment and Surface Engineering in Beijing in 2014.

This World Congress will focus on the organization of a congress that will deal with tradition and innovation in heat treatment and surface engineering. The 30th IFHTSE World Congress will be a good opportunity for delegates from a wide range of industrial and academic backgrounds to discuss and disseminate the recent progress, innovations, and developments in the field of heat treatment and surface engineering.

Full paper submission is due May 31, 2025.

» For more information, go to: ifhtse2025.com/index.html



The 30th IFHTSE World Congress will be at the Suzhou Shishan International Conference Center in Suzhou City, Jiangsu Province, China. (Courtesy: Shutterstock)



IFHTSE LEADERSHIP

EXECUTIVE COMMITTEE

Prof. Massimo Pellizzari | President
University of Trento | Italy

Prof. Masahiro Okumiya | Past President
Toyota Technological Institute | Japan

Dr. Lesley Frame | Vice President
University of Connecticut | USA

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

ONLINE www.ifhtse.org | EMAIL info@ifhtse.org