

- 24th IFHTSE Congress
- New IFHTSE members:  
CHTA, China  
MISAD, Turkey
- Passing the baton

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## 24th IFHTSE Congress

The Congress was held this year in Nice, France, organized by our member association in this country, A3TS. In the home country of IFHTSE president Patrick Jacquot, as many as 350 participants from 32 countries gathered to follow the keynote lectures and the thematic sessions. A truly international event!



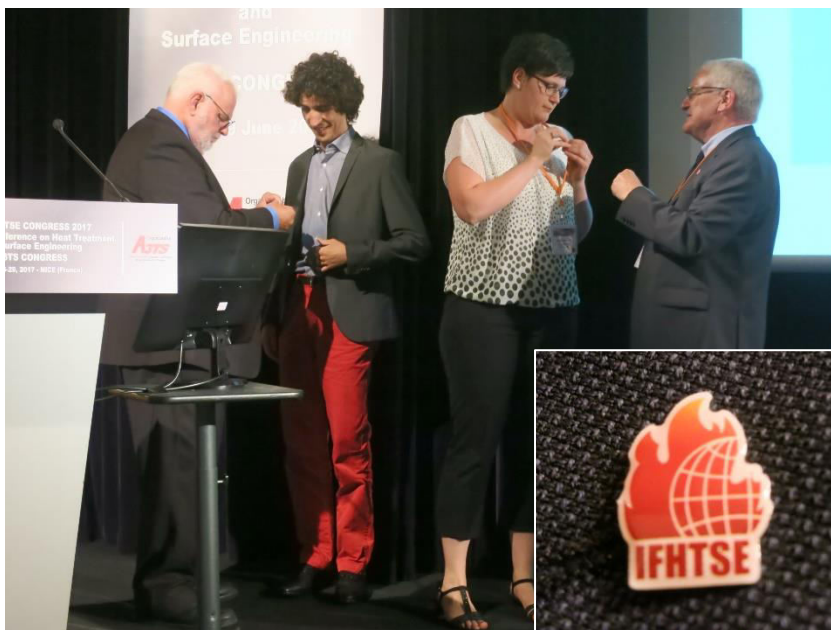
In conjunction with the Congress, a large fair was held in the same convention centre under the name of “Salon du Vide et des Traitements des Matériaux”. 85 companies showed their products and services regarding heat treatment, and vacuum technology was presented in the booths of 40 companies.

There were 28 candidates for the “Tom Bell Young Author Award” (TBYAA), sponsored by Linde Gas, for the best paper from an author under 35 years of age. First, the members of IFHTSE’s Executive Committee made an assessment based on the written papers submitted. During the Congress, the jury then had to select the winner considering also the oral presentation. The award went this year to Mehdi Khalloufi of Cemef Mines Paristech, France, for his talk on “Simulation of turbulent boiling with phase change and industrial steel quenching processes”.



Perfect organisation: Remaining time visualized for the speaker and monitored by the technician

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TBYAA winners receive the newly created IFHTSE badge: IFHTSE Vice President Scott Mackenzie, Matteo Villa, Gundis Grumbt, IFHTSE President Patrick Jacquot

Since the award consists in the free travel and participation at the next IFHTSE Congress, Mr. Khalloufi will realize this next year in September at the 25<sup>th</sup> Congress in Xi’an, China, while the awarding ceremony this year was held for the winner of the previous year who had enjoyed the free travel to and participation in Nice (or in fact the two winners of 2015 and 2016): Gundis

Grumbt of TU Bergakademie Freiberg, Germany, for her paper on electron beam hardening and Matteo Villa of the Technical University of Denmark for his paper on sub-zero treatment of stainless steels. ▲

## New IFHTSE Members

We are proud to welcome two important associations to our global network: CHTA from China and MISAD from Turkey. Their accession has been confirmed during the assembly of IFHTSE's Governing Council on the occasion of the Congress in Nice.



The Chinese Heat Treatment Association CHTA has more than 1000 members from local associations and companies. It has been founded in 1991 to be the organizer

of the activities in the heat treatment industry through China. They also assist the government with the administration of the respective industry, as a bridge between government and enterprises, drawing up regulations and standards and evaluating heat treatment technology, products and materials.



CHTA President Prof. TONG Xiao Hui (centre) and CHTS Secretary General LYU Dong-Xian with IFHTSE Secretary General Stefan Hock

The size and surge of the industry represented by CHTA are impressive: about 50 million tons of product are treated annually, and each year are now being installed ca.

500 vacuum furnaces, 500 horizontal controlled atmosphere heating furnaces, 3000 ordinary heating furnaces, and 300 induction heating units.



Annual conference of managers of the heat treatment industry



The Turkish Heat Treatment Association MISAD comprises more than 60 companies from the industry in Turkey, both suppliers of equipment, media, and material and commercial heat treaters. The organisation has been founded in 2008. They are active in training and information exchange and support their member companies with respect to international





MISAD and IFHTSE officials, from the right: MISAD Secretary General Ergin Akyüz, Vice President Utku Inan, and President Koray Yavuz, IFHTSE Secretary General Stefan Hock, President Patrick Jacquot, Past President Reinhold Schneider

contacts and import/export business. MISAD intends to hold the 4th Mediterranean Conference on Heat Treatment and Surface Engineering in Istanbul in November 2019. ▲

## Passing the Baton

IFHTSE's Past President Reinhold Schneider will soon terminate his altogether six years of service in our presidency. During the last assembly of the Governing Council in this term, he passed the baton to his successor Patrick Jacquot. But to the surprise of those present, this was not only symbolic: To provide a visible and touchable baton to hand over to those to come, he had a decorative mine axe made by an artist with the IFHTSE and former IFHT logo on the blade. The President and Secretary General expressed their gratitude to Reinhold Schneider for his unceasing activity and strong leadership through a demanding transition period of the Federation, and expressed their expectation to have him still on the board as an active EC member.



## Forthcoming Conferences

2017	NOV	21-23	<b>26th National Conference on Heat Treatment</b>	Jihlava	<b>Czech Republic</b>	<a href="http://www.htconference.cz/en/">http://www.htconference.cz/en/</a>	
2018	JUNE	5-7	<b>4th International Conference on HTSE in Automotive Applications</b>	Greenville-Spartanburg SC	<b>USA</b>	<a href="http://www.asminternational.org/web/thermal-processing-in-motion/">www.asminternational.org/web/thermal-processing-in-motion/</a>	
2018	SEP	11-14	<b>25th IFHTSE Congress</b>	Xi'an	<b>China</b>	<a href="http://www.25ifhtse.org">www.25ifhtse.org</a>	
2018	OCT	17-19	<b>Härterei-Kongress</b> [languages: German/English]	Cologne	<b>Germany</b>	<a href="http://www.awt-online.org/haertereikongress.html">http://www.awt-online.org/haertereikongress.html</a>	
2018	NOV	27-29	<b>International Conference on Quenching and Distortion Engineering</b>	Nagoya	<b>Japan</b>		
2019	MAY-JUNE		<b>European Conference on Heat Treatment</b>		<b>Italy</b>		
2019	SEP	18-20	<b>26th IFHTSE Congress</b>	Moscow	<b>Russia</b>		
2019	OCT	23-25	<b>HK 2019</b> [languages: German/English]	Cologne	<b>Germany</b>	<a href="http://www.awt-online.org/haertereikongress.html">http://www.awt-online.org/haertereikongress.html</a>	
2019	OCT	15-17	<b>Heat Treat 2019</b>		<b>USA</b>		
2019	NOV		<b>4th Mediterranean Conference on Heat Treatment and Surface Engineering</b>	Istanbul	<b>Turkey</b>		
2020			<b>European Conference on Heat Treatment</b>		<b>Benelux</b>		