

- Welcome address of the new President
- 4th Mediterranean Conference on Heat Treatment and Surface Engineering
- New company member PD2i
- New Handbook on quenchant

*Dear members, colleagues and friends,*



The year 2020 promises to be a busy one for us, with many interesting events to look forward to. Coming up shortly is the 6th Asian HTSE Conference in Chennai, India, on 5-7 March. These conferences and seminars are excellent opportunities to meet colleagues from industry and academia, to network and, of course, to stay up to date in the field of heat treatment and surface engineering. I hope to see as many of you as possible in the forthcoming events.

This year also marks the beginning of a new decade, which will bring both opportunities and challenges.

Register now and plan your trip!

<http://mchtse2020.com>

**MCHTSE 2020**  
**ISTANBUL**

4<sup>th</sup> Mediterranean Conference on  
Heat Treatment & Surface Engineering  
03-05 June 2020 Istanbul Chamber of Industry, ISTANBUL

We received over 50 papers from 15 countries.  
We look forward to see you on **3-5 June 2020.**

Climate change, Industry 4.0, electrification, digitization, Artificial Intelligence, circular economy, the generational shift and shortage of skilled labour – these are just some of the challenges that we will face. In this context, IFHTSE can serve as an international platform to facilitate exchange of best practices and hopefully transform some of these challenges into opportunities. Our organization's role as an interface for international collaboration and networking will grow in the coming years.

As new President of IFHTSE, I want to give our heartfelt thanks to my predecessor Dr Scott MacKenzie, Quaker Houghton, IFHTSE President 2018-2019, for his dedicated work for IFHTSE. He has made great efforts to include and engage younger participants, and consistently worked to expand the presence, knowledge and membership of IFHTSE worldwide. I would also like to highlight the considerable and significant work done by Dr Stefan Hock, our Secretary, and Dr Imre Felde, our Treasurer. I am looking forward to working together with them, and with the rest of the Executive Committee and Governing Council, to promote and develop IFHTSE.

IFHTSE is heading towards the not so far 50th anniversary of the Federation in 2022. This is an opportune time to take stock of what we have achieved, and to stake out our direction and goals for the next 50 years. Our organization will continue to have an important role by facilitating international contacts, cross-border collaboration and sharing knowledge on heat treatment and surface engineering.

Looking forward to an exciting and eventful year together with all of you!  
Yours sincerely,



*Eva Troell has been involved in heat treatment and materials technology for more than 25 years and is Director for Heat Treatment and Surface Engineering at RISE Research Institutes of Sweden.*

*Eva has a Master's degree in materials technology from the Royal Institute of Technology in Stockholm.*

*She was one of the originators for the initiation and start-up of the Swedish Heat Treatment Centre which has been active since 2006. The Centre is a network for heat-treatment research and development in Sweden. The main areas are case hardening, through- and induction hardening as well as nitriding processes.*

*RISE (formerly IVF and SWEREA) is the developer and owner of the ivf SmartQuench system, which is used for inspection and quality assurance of quenchants.*

## New IFHTSE company member:

**PD2I** (*Partner Development Industry International*)

Based in Paris, France, and Düren, Germany, PD2I offers a large portfolio of technology for surface treatment.

They provide equipment for coatings and plasma nitriding technology, and make a point of their user-friendly platform and their consulting Services to achieve effective and efficient solutions.



For further information visit their website <https://pd2i.com/>, available in English, German and Chinese.

IFHTSE welcomes the new member and encourages all readers to consider their facilities and services!

Abstract submission open:

## 4th International Conference on Heat Treatment and Surface Engineering of Tools and Dies

Held 28-31 October, 2020 in Hangzhou, China, this conference covers:

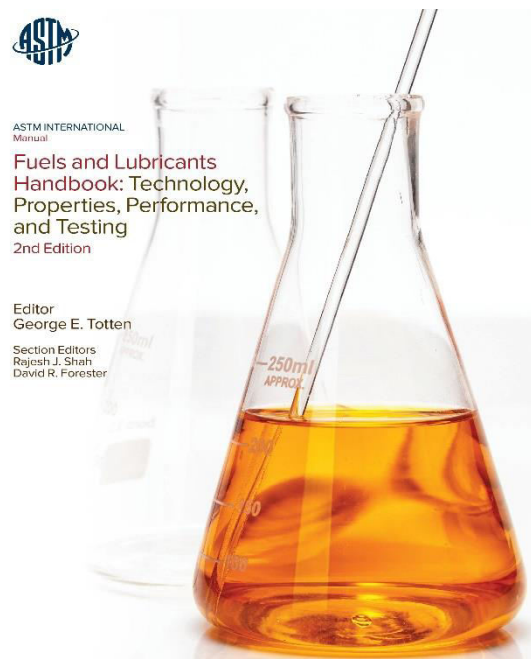
- \* Heat treatment processes for tools and dies
- \* Material and process selection for tooling
- \* Physical metallurgy for the heat treatment of tooling materials
- \* Advanced surface engineering for tooling applications
- \* Physical and numerical process simulation for the heat treatment of tools and dies

For further info visit <http://www.htse-td.com/htse-td/index.shtml>

## New handbook features chapter on quenchants from leading experts

This very extensive Handbook offers a chapter on quenching media which with its 60 pages can go as a handbook of its own, and is also available to be acquired separately.







Among the authors are three IFHTSE fellows: Lauralice Canale of Brasil, Božidar Liščić of Croatia, and George Totten from USA – the latter two are even former IFHTSE Presidents. Top level expertise guaranteed!



[https://www.astm.org/DIGITAL\\_LIBRARY/MNL/PAGES/MNL3720160012.htm](https://www.astm.org/DIGITAL_LIBRARY/MNL/PAGES/MNL3720160012.htm)

All member associations are invited to submit their conferences in English language to be featured here!

## Forthcoming Conferences

|      |     |       |   |                  |         |   |   |
|------|-----|-------|---|------------------|---------|---|---|
| 2020 | MAR | 5-7   | <b>6th Asian Conference on Heat Treatment and Surface Engineering</b>   | Chennai          | India   | <a href="http://6achtse.org">http://6achtse.org</a>   |    |
| 2020 | MAR | 25-27 | <b>European Conference on Heat Treatment</b>  | Antwerp          | Belgium | <a href="https://www.a3ts.org/echt2020/call-for-papers/">https://www.a3ts.org/echt2020/call-for-papers/</a>     |   |
| 2020 | JUN | 3-5   | <b>4th Mediterranean Conference on HTSE</b>   | Istanbul         | Turkey  | <a href="http://mchtse2020.com">http://mchtse2020.com</a>   |    |
| 2020 | JUN | 14-18 | <b>6th International Conference on Steels in Cars and Trucks</b>  | Milan            | Italy   | <a href="https://www.sct-2020.com/">https://www.sct-2020.com/</a>   |   |
| 2020 | SEP | 14-17 | <b>International Materials Applications &amp; Technologies</b>  | Cleveland        | USA     |   |   |
| 2020 | SEP | 8-12  | <b>5th International Conference on Thermal Process Modelling and Simulation (ICTPMS)</b>                                    | Cavtat-Dubrovnik | Croatia | <a href="https://hdtoip.fsb.hr/">https://hdtoip.fsb.hr/</a>   |   |
| 2020 | OCT | 20-22 | <b>Härterei-Kongress [languages: German/English]</b>  | Cologne          | Germany | <a href="http://www.awt-online.org/haertereikongress.html">http://www.awt-online.org/haertereikongress.html</a> |   |
| 2020 | OCT | 28-30 | <b>4th Int'l Conference on HTSE of Tools and Dies</b>   | Hangzhou         | China   | <a href="http://www.htse-td.com/htse-td/index.shtml">http://www.htse-td.com/htse-td/index.shtml</a>             |  |
| 2021 | APR | 26-28 | <b>European Conference on Heat Treatment and 2nd QDE - International Conference on Quenching and Distortion Engineering</b> | Berlin           | Germany |   |  |
| 2021 | OCT | 26-28 | <b>Härterei-Kongress [languages: German/English]</b>  | Cologne          | Germany | <a href="http://www.awt-online.org/haertereikongress.html">http://www.awt-online.org/haertereikongress.html</a> |   |
| 2021 | NOV | 23-25 | <b>27th IFHTSE Congress</b>   | Yokohama         | Japan   |   |  |
| 2022 |     |       | <b>28th IFHTSE Congress and European Conference on Heat Treatment</b>   | Salzburg         | Austria |   |  |