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International Federation for
Heat Treatment and Surface Engineering

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- IFHTSE Congress programme
- Successful Tooling 2022 conf in Sweden, CFP out for 5th HTSE-TD
- New IFHTSE Executive Committee member: Mufu YAN
- Memorial Symposium for the late IFHTSE President Peter Mayr



...for the 27th IFHTSE-Congress
and the European Conference on Heat Treatment 2022
Check out

<https://submit.asmet.org/event/60/timetable/#20220906.detailed>

- Detailed programme with more than 100 papers in 16 sessions and 5 keynote lectures
- Extra induction heat treatment symposium
- Extra symposium in memoriam of Sören Segerberg
- List of contributions and authors
- Book of abstracts
- Social and cultural extras

Register today and come to Salzburg!

Successful Tooling 2022 conference

With more than 150 attendees, the Tooling 2022 conference in Örebro, Sweden, was a good re-start after the forced break due to the pandemic. Additive manufacturing was a clear focus, given the many opportunities which this technology offers especially in the tooling sector.



The next dedicated conference on HTSE of Tools and Dies (HTSE-TD) was already announced at the Tooling 2022 conference in Sweden

The Call for Papers is out for the 5th International Conference on Heat Treatment and Surface Engineering of Tools and Dies (HTSE-TD)

Held April 24-27, 2023, in Hangzhou, China, this conference will finally resume the HTSE-TD series which the last time in January 2021 could only be held online.

http://htse-td.allconfs.org/meeting/index_en.asp?id=6861

Important dates: Abstracts 31 Oct. 2022
Full Papers: 31 Jan. 2023

Send your abstract to: Mrs. Lihui LIU, email: chta@chta.org.cn

New IFHTSE Executive Committee member: Mufu YAN

Professor Yan Mufu who was born in 1963 and is a Doctoral Supervisor of Harbin Institute of Technology. He is also Vice President of China Heat Treatment Industry Association (CHTA), Vice Chairman of CHTS, Deputy Director of National Key Laboratory of Metal Precision Thermal Processing, Evaluation Expert of the National Natural Science Foundation, Comprehensive team leader of "China Heat Treatment and Surface Modification Technology Roadmap", and deputy editor of "Journal of Materials Heat Treatment", etc.. He has successively presided over the National 863 Project, National Key R&D Program Projects, National Natural Science Foundation Key Projects, etc..



Prof. Yan is committed to the research of advanced heat treatment and surface Modification theory and technology and created a material and component fatigue life functional model, a surface modification layer microstructure multi-scale simulation design theory, a thermal diffusion layer crystal grain nanometer and surface in-situ graphite/diamond nanostructure theory, etc. He also researched the technology of deep diffusion of thermal expansion and ultra-high strength and toughness, the thermal expansion of anti-friction self-lubricating surfaces, the functional structure and precise forming control of complex components, etc.. He owns more than 40 patents, which are used for manufacturing and extending of the long-life and high-reliability of key parts of high-end equipment and tools and molds. He won the first Award of the Harbin Top Ten Science and Technology Talents, 5 items of the provincial and ministerial science and technology first and second prizes. He published more than 200 papers in authoritative journals such as NPJ-Comput., Mater., Carbon, JMCC, APSUSC, etc., and 4 manuals, textbooks, has been editor in-chief of books.

Prof. Yan conducted and completed many important projects, such as "New Materials and High-end Equipment Heat Treatment Innovative Talent Training Mode and Practice". He won the Heilongjiang Provincial Famous Teacher Award and 4 times the first or second class awards of the Heilongjiang provincial teaching achievement. He leads the direction of heat treatment talent training in China.

Memorial Symposium for former IFHTSE President Peter Mayr

Our member Institute IWT organised a symposium at their site in Bremen, Germany, in memoriam of their former director and IFHTSE President Prof. Peter Mayr who had died at the end of last year (see [Bulletin 2021-06](#)).

Eleven representatives of institutions and organisations where he served in a multitude of positions as well as former colleagues and students recalled his achievements and personality. Mayr had developed the institute from very modest size and facilities to an internationally renowned institution with innumerable projects and publications. Several speakers recalled his



IWT director Prof. Rainer Fechte-Heinen revealing a portrait of Mayr consisting of specially surface-engineered puzzle pieces

“mechanism-oriented” approach to material science and technology, researching structure-property relationships and thus bridging the gap between basic science working on single crystals of high purity, far away from practical application, and hands-on empirical investigations limited to observation.

His biggest and most widely known project was directed at “Distortion Engineering”, a term coined by Peter Mayr, englobing

influential factors on distortion resulting from the entire process chain starting at the very steel production. The connected conference series was merged with IFHTSE’s QCD series to form the present “Quenching and Distortion Engineering” series held in turn by IFHTSE and IWT.

IFHTSE Secretary General Dr. Stefan Hock acknowledged Prof. Mayr’s support for the international scientific community, not only during his IFHTSE Presidency 1996-1997, and his open-mindedness which allowed him to undertake successful highly innovative projects.

Peter Mayr became IFHTSE Fellow in 2007. IWT possesses two more IFHTSE Fellows: Dr. Thomas Lübben (2016) and Prof. Hans-Werner Zoch, Peter Mayr’s successor as director of IWT, who will receive the IFHTSE Fellowship at the Congress in Salzburg this September.

Forthcoming Conferences

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

2022	SEP	5-8	27th IFHTSE Congress and European Conference on Heat Treatment	Salzburg	Austria	https://www.ifhtse-echt2022.org/	
2022	OCT	10-14	Advances in Materials and Processing Technologies	Portorož	Slovenia	www.AMPT2022.org	
2022	OCT	11-13	HK	Cologne	Germany	https://www.hk-si.de/	
2022	NOV	2-4	HTS - 14th International Exhibition and Conference on Heat treatment	Mumbai	India	www.htsindiaexpo.com	
2023	APR	24-27	5th International Conference on Heat Treatment and Surface Engineering of Tools and Dies	Hangzhou	China	http://htse-tl.allconfs.org/meeting/index_en.asp?id=6861	
2023	MAY		European Conference on Heat Treatment		Italy		
2023	OCT	17-19	Heat Treat 2023	Detroit	USA	https://www.asminternational.org/web/heat-treat	
2023	NOV	13-16	28th IFHTSE Congress	Yokohama	Japan		
2024	SEP OCT	30-3	29th IFHTSE Congress	Cleveland	USA		