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- IFHTSE Congress 2022
- Obituary Peter Mayr
- Poster Awards at the IFHTSE Congress
- 75th anniversary of AIM

Abstract submission open
until January 31, 2022

for the next IFHTSE Congress
September 5-8, 2022, Salzburg, Austria

<https://www.ifhtse-echt2022.org/>
<https://submit.asmet.org/event/60/abstracts/>

Peter Mayr †

On October 20, 2021, former IFHTSE President, IFHTSE Fellow, and director of our member institute IWT, Prof. Dr.-Ing. habil. Peter Mayr, suddenly and unexpectedly passed away in his 83rd year.

With a degree in physics from Stuttgart, Germany, he conducted research in the field of the fatigue behaviour of metallic materials during and after his Ph.D. in Karlsruhe, Germany.



In 1981 he became director of the then "Institut für Härterei-Technik" in Bremen as successor to Prof. Otto Schaaber, one of the "Founding Fathers" of IFHTSE. In the following more than 20 years of his tenure, Peter Mayr laid the foundations for today's Leibniz-IWT by expanding the scope of the institute, consequently renamed "Institut für Werkstofftechnik IWT" (Institute for Materials Technology) with the establishment of the independent departments "Manufacturing Technologies" and "Process Engineering".

It was only logical for him to initiate in the year 2000 the Collaborative Research Centre "Distortion Engineering" which undertook to understand the interdependence of all factors for dimensional stability of heat treated components along the entire process chain. Long before any eventual distortion upon heat treatment, the part acquires a "distortion potential" during the prior processing steps – a term specifically created in this context. The success of this research earned him the IFHTSE Fellowship in 2007 "In recognition of a wide range of research and development contributions to many aspects of heat treatment, most notably in the study of distortion."

The ample results of this big research centre were presented and discussed in the new conference series "IDE (International Distortion Engineering)" which was merged in 2015 with IFHTSE's series "QCD (Quenching and Control of Distortion)" to form "QDE" which was since held twice.

From the very beginning, Peter Mayr was also editor-in-chief of HTM, which journal's rank as one of the leading German-language technical-scientific journals was much enhanced in his time.

While he took more and more functions in a considerable number of organisations of collaborative research, he became a personal hub of cooperation, communication, and contacts in the research landscape, to the point that the President of the Federal Republic of Germany appointed him to the Science Council of that country in 1997. But this commitment of his was not limited by the national borders, as proven by his service as IFHTSE President 1996-1997.

He was always full of ideas and projects, and his extensive expertise and great experience ensured that his advice and mediation of contacts were always helpful. Who knew him was also happy to seek them out, because of his affable and approachable personality and, not least, his sense of humour.

We shall always hold his memory in honour.

Poster Awards to be given at the 27th IFHTSE Congress

An excellent opportunity for authors of posters to have their work acknowledged: Poster Awards will be given at the 27th IFHTSE Congress to be held September 5-8, 2022, in Salzburg, Austria.

IFHTSE appreciates these awards very much: they are open for all authors independent of age and they show that posters are a communication form of its own kind and equally important and valued as oral presentations.

The Poster Awards will be sponsored by the two companies

- Burgdorf KG, Stuttgart, Germany and
- Fluxtrol, Inc., Auburn Hills, MI, USA, IFHTSE member since 2018.

Burgdorf (<https://www.bongroup.de/en/>) are specialists for steel hardening and quenching processes, and Fluxtrol (<https://fluxtrol.com/>) provides induction heating solutions using proprietary magnetic materials, scientific knowledge, and engineering experience.



Italian IFHTSE member association AIM celebrates 75th anniversary

The Italian Association for Metallurgy (Associazione Italiana di Metallurgia, AIM) was founded in 1946, but their journal “La Metallurgia Italiana” is way older: it first appeared as early as 1909.



Dr. Danilo Petta

The “Committee on Heat Treatment and Metallography”, headed by Dr. Danilo Petta of Gearchem S.r.l. is one of their sixteen “Study Centres”. Their first conference was held in 1960 in Genoa, and the series was since continued every other year.

They offer one of the vastest programmes of training courses inside AIM and provide a network for specialization and innovation for the many, often small and medium-sized, companies providing heat treatment services with high competence and quality. They see heat treatment as the centre of gravity of the entire process chain from steelmaking through to the final application and strive to help making all of these processes more and more interconnected and controlled.

AIM is the “home” association of IFHTSE Vice President (from 2022) Prof. Massimo Pellizzari of the University of Trento.

IFHTSE congratulates warmly!

Forthcoming Conferences

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

2022	APR	25-27	12th Tooling Conference	Örebro	Sweden	https://www.tooling2022.org/	
2022	MAY	11-13	Int'l Bosphorus HT Symposium	Istanbul	Turkey	https://en.bhts2022.com	
2022	JUNE	19-23	6th International Conference on Steels in Cars and Trucks	Milan	Italy	https://www.sct-2020.com/	
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		
2023	APR	21-24	5th International Conference on Heat Treatment and Surface Engineering of Tools and Dies	Hangzhou	China		
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		