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International Federation for  
Heat Treatment and Surface Engineering

- A word from the outgoing President
- 4th Mediterranean Conference on Heat Treatment and Surface Engineering
- Keynote speakers at the 6th Asian Conference on Heat Treatment and Surface Engineering

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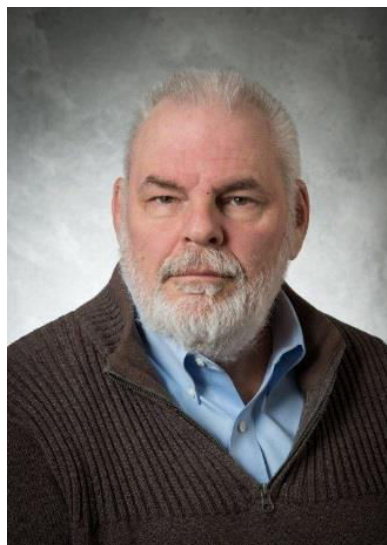
*Season's greetings  
and the best wishes for 2020*

*from IFHTSE to all our friends and supporters!*

*Dear friends,*

In a few short weeks, it term as President of an end. I am truly two years have passed.

IFHTSE has had some gresses in Xi'an, PRC as- in Moscow, Russia asso- had successful and well- ences in Spartanburg, Tooling 2019 in Aachen, with ASMET and AWT; Conference on Quenching and Distortion Engineering in Nagoya in association with the Japanese Society for Heat Treatment. We also had a successful train-



will be 2020, and my IFHTSE will have come to amazed at how quickly

very successful con- sociated with CHTS, and ciated with ROMIT. We attended smaller confer- South Carolina, USA; Germany in association and the International Conference on Quenching and Distortion Engineering in Nagoya in association with the Japanese Society for Heat Treatment. We also had a successful train-

ing event in Chongqing in association with the Chinese Heat Treating Association. Next year we have a very full calendar with 6th Asian HTSE Conference in Chennai; the 4th Mediterranean Conference on Heat Treatment & Surface Engineering (Istanbul, Turkey); the 5th International Conference on Thermal Process Modeling and Simulation in Dubrovnik, Croatia; and the 4th International Conference on HTSE of Tools and Dies in Hangzhou, China.

I had three goals for my presidency: Increase membership in IFHTSE in corporate and society memberships; Increase participation of younger industrial and academic scientists and engineers; and to increase the visibility of IFHTSE world-wide.

We were able to increase corporate memberships by the by the addition of Houghton International (now Quaker Houghton), and the membership of Fluxtrol. The increase in participation by younger people is hard to measure, but it appeared at many of the events (particularly at the events in China), that there is a strong interest and participation in Heat Treating and Surface Engineering.

One issue that has resulted in much discussion has been on publishing of proceedings, and associated copyright.

The financial situation of IFHTSE is strong and the banking accounts are in order. Billing has improved, and delinquent accounts are few. Thank you Imre.

It is my hope that I have left IFHTSE stronger and more financially secure during my tenure. Procedures and contracts have been improved to be more robust. Thank you Stefan.

At the beginning of the New Year, IFHTSE will have a new President, Dr. Eva Troell. I wish to congratulate her on becoming President, and will support and assist her in any way I can. I hope that you will support our new President with all the enthusiasm that you assisted me.

Thank you again.

D. Scott Mackenzie

A handwritten signature in blue ink, appearing to read 'DSM', with a long horizontal stroke extending to the right.

*Submit your  
abstract!*

**4th MEDITERRANEAN CONFERENCE  
ON HEAT TREATMENT &  
SURFACE ENGINEERING** 03-05 JUNE 2020

<http://mchtse2020.com>

## 4th Mediterranean Conference on Heat Treatment and Surface Engineering

This conference, organized by IFHTSE member association MISAD-(Metal Heat Treatment Industry Association) and METEM-UCTEA (Chamber of Metallurgical and Materials Engineers Training Center) will be held on 03-05 June 2020 in Istanbul. The venue is on the premises of the Istanbul Chamber of Industry, in the heart of Istanbul's historic city centre. The 3rd IFHTSE Mediterranean Conference on Heat Treatment and Surface Engineering was held in Slovenia on 2016.

The scope of this international conference are new challenges, recent progress and emerging ideas in the field of advanced heat treatment in theory and practice.

In addition to the contributed papers, the Conference Program Committee will invite distinguished researchers in key areas of heat treatment and surface engineering to present the latest achievements in their respective fields.

The conference will be accompanied by a sizeable industrial exhibition, and thus provide a forum for engineers, scientists, researchers and production managers to discuss progress in the fields of heat treatment and surface engineering and make contacts for business and joint research and development.

## Important Dates

Abstract Deadline	31th December 2019
Notification of Acceptance	14th February 2020
Early Registration	1st March–1st April 2020
Deadline for full manuscripts	17th April 2020

20% early registration discount will be applied to those who register until 1.4.2020.

## Abstract submission



<http://mchtse2020.com/b-kayit.asp>

## Further information:



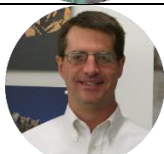



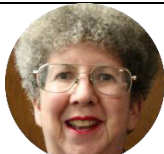



<http://mchtse2020.com>







## Keynote Speakers at the 6th Asian Conference on Heat Treatment and Surface Engineering

This very large conference to be held in Chennai, India, on March 05-07, 2020, will feature an extraordinary number of invited speakers – do not miss the chance!

	<b>Name and Affiliation</b>	<b>Abstract Title/Topic</b>
	Prof. Larisa Petrova MADI Russia	Intensification of Thermo-Chemical Treatment of Steels: Theoretical and Technological Aspects
	Prof. Imre Felde Obuda University, Hungary	On the Bio-inspired computational methods and AI technics supporting Heat Treatment processes









	Prof. Shrikant Joshi University West Trollhättan, Sweden	Prospects for realizing diverse functional coatings by liquid feedstock thermal spraying
	Prof. Lemmy Meekisho Portland State University USA	Vegetable oils as metal quenchants
	Mr. Michael Pershing Caterpillar Inc USA	A Research and Development Roadmap to Benefit the Heat-treating Industry
	Prof. Masahiro Okumiya Toyota Technological Institute Japan	Direct gas carburizing using hydrocarbon and nitrogen with water vapor
	Kyoung Il Moon KITECH Korea	The Current and Future Trends in Heat Treatment Technology in Korea
	Mr. Damian Bratcher Super Systems Inc. USA	Modern Approach to the Quality Control of HT Processes Based on CQI-9 Requirements
	Mr. Pierre Dupont Schaeffler Belgium Sprl/Bvba Belgium	Modern tribological Trends in the Rolling-Elements Bearing's Industry in terms of Materials, Heat Treatments & Coatings
	Debbie Aliya Aliya Analytical USA	Optimizing Heat Treating Specifications for Medium Technology Applications Economy and Durability
	Prof. Véronique Vitry Université de Mons Belgium	Electroless nickel-boron coatings, can it replace hard chrome?
	Dr. Zoltan Kolozsvary SC Plasmaterm SA Romania	Challenges and provocations in materials science and surface engineering at the beginning of the 21 <sup>st</sup> century
	Prof. Surendra Marya Ecole Centrale Nantes France	Welding, Additive manufacturing and clad Surface Engineering at Cross Roads- Underlying Technological and Material Science Challenges from industrial Per-

		spectives
	Prof. Christopher Berndt Swinburne University of Technology Australia	The Structure and Properties of Thermal Spray Coatings
	Prof. M. Okazaki Nagaoka University of Technology Japan	Adhesion Strength of Thermal Barrier Coatings Sensitively Affected by Non- Stationary Thermal Cycle Conditions.
	Prof. Massimo Pellizzari University of Trento Italy	Heat treatment of additively manufac- tured steel and selected non-ferrous alloys
	Dr. Steve Offley PhoenixTM Ltd UK	Challenges and Benefits of 'Thru-process' Temperature Profiling in the Heat Treat- ment Industry
	Prof. Marcel A.J. Somers Technical University of Den- mark Denmark	Thermochemical Surface Engineering Of Stainless Steels With Interstitials: Symbio- sis Of Science, Technology And Innovation
	Dr. Ramesh Raghavendra Waterford Institute of Technology Ireland	Current status of Additive Manufacturing - Myths and Realities

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		