



INTERNATIONAL
FEDERATION FOR HEAT
TREATMENT
AND SURFACE ENGINEERING

- New President's greetings
- Registration for 23rd IFHTSE Congress
- Mediterranean HTSE Conference
- Aichelin Young Speakers Award
- Presentation: Massimo Pellizzari

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23rd IFHTSE Congress

APRIL 18-22, 2016 | SAVANNAH, GEORGIA

Organized by:
 **HTS**
Heat Treating Society
ASM INTERNATIONAL

*Dear members, colleagues
and friends,*

In the beginning year 2016, after two years of learning and vice-chairmanship alongside Professor Reinhold Schneider, I'll succeed as president in a long list of personalities in the field of heat treatment and surface engineering, like: Prof. Kewei Xu, Prof. Hans Werner Zoch, Prof. D. Doyle, Prof. Y. Mishima, Prof. B. Liscic, Dr. George Totten, Prof. Tom Bell, Prof. Zoltan Kolozsvary, Prof. P. Mayr, Prof. TC Lei, Dr. Jean-Paul Naylor, Prof. G. Krauss, Prof. C. Razim, Prof. OA. Bannykh, Prof. T. Konkoly, G. Murry, Dr. E. Szpunar, Prof. O. Schaaber, Dr. HU. Meyer....



I am very proud of that, but I also measure the enormous challenge. I take this opportunity to pay tribute to all those presidents and vice presidents who succeeded successively since the creation of IFHTSE in 1971.

Compared to these many past presidents, I have a special feature: I am not a Professor but I am a Doctor and Engineer in Materials Science and my present daily activity is directly related to technical activities on applications of Heat Treatment and Surface Engineering. Also, I may be less comfortable in a conference room than in a factory.

In any case, I can assure you that I will be a loyal defender of our common association, the 'unique IFHTSE', that allows the dissemination of knowledge, globally, through our conferences and congresses.

First, I would like to warmly thank Professor Reinhold Schneider for his enormous work for allowing both to develop the association but also contribute to its gradual renewal. His support to the association for the coming years will always be highly appreciated, especially by his contribution of great ideas, pragmatism and long-term vision.

Secondly, I wish to greet the arrival of Scott Mackenzie as vice president and as chairman of the next 23th IFHTSE Congress in Savannah. His strong experience with lectures on heat treatments in the US and elsewhere as well as the many international contacts, both professional and scientific, will be a huge asset to IFHTSE. We are now all associated to drive IFHTSE, to maintain its scientific contribution, organization, friendliness, and also develop what can be in the future, using all the goodwill and loyalty of our members.

Thirdly, I will not forget our new Secretary General Stefan Hock, who began his activity for IFHTSE in 2015. His role in the organization and management of IFHTSE is central. During that first year, he proved that he perfectly fulfilled this role.

Fourthly, I salute our treasurer, Imre Felde, for his seriousness in monitoring our budget. We also wish to entrust him with the special mission of enhancing our web presence, which would deserve it. We hope he can make those contributions to improve our image on the web.

Finally, I greet all the members of the executive committee for their present and future help to ensure the continued development of our IFHTSE.

Patrick JACQUOT

President IFHTSE

REGISTRATION IS OPEN FOR:



23rd IFHTSE Congress

APRIL 18-22, 2016 | SAVANNAH, GEORGIA

Organized by:



THE PRICE IS RIGHT! Conference registration includes:

- 3-Day Technical Program
- Daily Lunch (3 total) and Refreshment Breaks
- Welcome Reception with Exhibitors (Monday)
- Reception/Dinner (Wednesday)
- Dedicated Networking Times with Exhibitors
- Access to Online Conference Proceedings

Online registration is now open!

Please visit

<http://www.asminternational.org/web/ifhtse/home>

for additional information and to register.

HEADQUARTERS HOTEL

This event is expected to sell-out, so please reserve your sleeping room as soon as possible at the Hyatt Regency Savannah. Please visit asminternational.org/web/ifhtse/travel to secure your sleeping room.

In conjunction with the 23rd Congress:

Meeting of the IFHTSE Executive Committee

10:00 / 10 a.m.

and

45th Assembly of IFHTSE's Governing Council

16:00 / 4 p.m.

Monday, 18 April 2016

Hyatt Regency Savannah, 2 W Bay St, Savannah, GA 31401, USA

Abstract submission extended:
26 February 2016

3rd Mediterranean Conference on Heat Treatment and Surface Engineering

26 - 28 September 2016

The conference in the beautiful town of Portorož at the Slovenian coast is organized by the:

- Slovenian Society for Heat Treatment,
- Croatian Society for Heat Treatment and Surface Engineering , and
- Associazione Italiana di Metallurgia ,

under the patronage of the

- International Federation for Heat Treatment and Surface Engineering (IFHTSE).

We are proud to announce the following invited speakers:

Keynote speaker: **Hans-Werner Zoch** (IWT Bremen, Germany)

“Advanced heat treatment processes and distortion - a competition between productivity and parts performance”

Invited talk on Heat Treatment: **Lauralice Canale** (University of São Paulo, Brazil)
“Fracture toughness measurement and heat treatment optimization in 300M aeronautic steel”

Invited talk on Surface Engineering: **Urban Wiklund** (Uppsala University, Sweden)
“Modern tool coatings and aspects seldom utilized”

Invited talk on Modelling: **Richard D. Sisson, Jr.** (Worcester Polytechnic, USA)
“Modeling Surface Engineering Processes in Steels”

Invited talk on Characterization: **Daniele Ugues** (Politecnico di Torino, Italy)
“Characterisation of microstructure and mechanical properties of tool steels: from laboratory tests to industrial trials”

Invited talk on Applications: **Orlaw Massler** (DeMartin, Switzerland)
“Application of surface engineering techniques in practice”

Registration and abstract submission: www.mchtse2016.com

Companies interested in sponsorship, presentation of the activities and exhibition booths please contact: bojan.podgornik@imt.si

Conference in Prague features new award

The just founded

AICHELIN YOUNG SPEAKERS AWARD

will be given for the first time at the European HT Conf & 3rd International Conf on HTSE in Automotive Applications conference in Prague (11 – 13 May 2016) for the best talk

- by a speaker under 35 years of age
- on an issue of high scientific or commercial relevance
- with implication for the industrial practice
- in a clear and comprehensible fashion
- accompanied by concise and plausible visualization
- with poised and competent answers to any questions from the audience
- at an IFHTSE Conference in Europe.

The award is endowed with the sum of 1500 €.

With the registration to the conference, indicate your date of birth, and if you are eligible...take the chance!

www.htconference-prague2016.cz

Deadline for abstract submission:
March 5, 2016 – www.tool2016.org

International Tooling Conference

04-07 October 2016

Double Tree by Hilton Hotel, Bratislava/Slovakia

The “Tooling Conference” Series is organized and supported by IFHTSE (International Federation for Heat Treatment and Surface Engineering) and by the national metallurgical societies of Austria (ASMET), Sweden (Jernkontoret) and Germany (Steel Institute VDEh).



Call for papers: HeatTreatmentCongress 2016

Cologne, Germany,
26 to 28 October 2016

Topics:

1. Use of materials from Best Cost Countries
2. Crack initiation and detection
3. Planning and procurement of heat treatment facilities
4. Press hardening
5. Recent innovations in the fields of materials and heat treatment engineering, manufacturing and process technology

HK 2016

HärtereiKongress
HeatTreatmentCongress

Simultaneous English translation provided

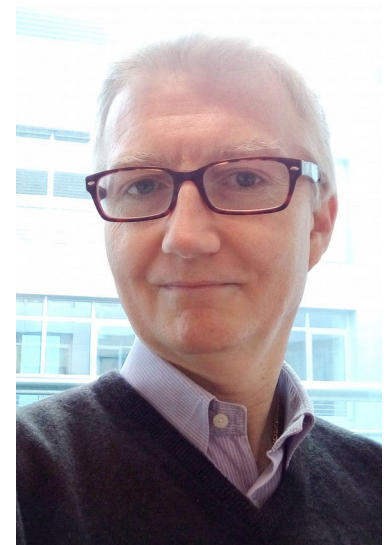
Abstracts can be submitted until **15 March 2016** to info@awt-online.org
or by application form at www.hk-awt.de

New Members of the Executive Committee

We continue the presentation of the new members to our readers, this time with

Massimo Pellizzari

is Associate Professor of Metallurgy at the [Department of Industrial Engineering \(DII\)](#) of the University of Trento (Italy). He obtained a master's degree in materials engineering at the same university in 2006, with a thesis entitled "Dry tribological behaviour of the surface layers of nitriding steel". In 2009 he received a PhD in metallurgical engineering at the University of Padova after extensive experimental work on "Surface treatments of hot work tool steels".



His teaching activity focuses mostly on the physical metallurgy of solid state transformations and surface engineering. He has supervised more than 40 bachelor and master's degree theses and also three PhD theses. Formerly vice-director of the PhD School in Materials Engineering, he is currently coordinator of teaching programmes, and delegate for language training of DII.

Massimo Pellizzari has authored more than 100 scientific publications, most of which are in peer reviewed international journals. His main research interests are heat treatment and surface engineering of steels, properties of tool steels and special cast irons, deep cryogenic treatment of tool steels, applied computational thermodynamics and the development of novel tool steels by mechanical milling and spark plasma sintering. He has been involved in European projects in the fields of "Laser Treatment of Profiled Rolls (LASERHARD)", "Improvement of automotive tools and components through the application of deep cryogenic treatments (CRYO)" and "New Cryogenic-based thermochemical treatments for production of high-performance aluminium extrusion-dies (EXTRUSIONIC)". He coordinates many collaborations with industries.

Since 2009 Massimo Pellizzari has actively participated in the technical committee for Heat Treatments and Metallography of the [Associazione Italiana di Metallurgia \(AIM\)](#).

Forthcoming Conferences

2016	APR	18-22	23rd IFHTSE Congress	Savannah, GA	USA	www.asminternational.org/web/ifhtse/home	
2016	MAY	11-13	3rd International Conference on Heat Treatment and Surface Engineering in Automotive Applications /European Conference on Heat Treatment	Prague	Czech Republic	www.htconference-prague2016.cz	
2016	MAY	12-14	2nd Heat Treatment & Surface Engineering Conference and Expo 2016	Chennai	India	www.htsechennai.com	
2016	JUNE	22-24	4th Symposium on Surface Hardening of Corrosion Resistant Materials	La Valletta	Malta		
2016	SEP	20-23	Heat Treat Mexico	Queretaro	Mexico	http://www.asminternational.org/web/htmexico	
2016	SEP	26-28	3rd Mediterranean Conference on Heat Treatment and Surface Engineering	Portorož	Slovenia	vojteh.leskovsek@imt.si	
2016	OCT	04-07	International Tooling Conference	Bratislava	Slovakia	www.tool2016.org	
2016	OCT	26-28	HK 2016 [languages: German/English]	Cologne	Germany	www.awt-online.org	
2017	JUN	26-29	IFHTSE Congress / European Conference on Heat Treatment	Nice	France	www.a3ts.org	
2018	APR	12-13	European Conference on Heat Treatment	Friedrichshafen	Germany		
2018	AUTUMN		International Conference on Quenching and Distortion Engineering		Japan		