

- Energy and Heat Treatment and Surface Engineering, Beijing: Plenary sessions
- RQP
- Events Diary

**2nd International Conference on  
Energy and the Future of  
Heat Treatment and Surface Engineering**  
*Beijing, China, 11-13 October 2014- Programme: Plenary Sessions*  
<http://2ndefhtse.csp.escience.cn/>

*Surface hardening of cold work tool steels as an energy efficient alternative to furnace heat treatment*  
**Prof. Reinhold Schneider [Austria]**  
TU Upper Austria Wels, Austria, President of IFHTSE

*New developments and orientation in materials science – effect on surface engineering*  
**Prof. Dr. Zoltán Kolozsvári [Romania]**  
SC Plasmaterm SA, University Professor at Sapiientia University Tg. Mures

*Rare earth surface engineering in China*  
**Prof. Wang You [China]**  
Materials Science and Engineering, Harbin Institute of Technology



**Prof. You Wang**

Materials Science and Engineering, Harbin Institute of Technology, China

**Specialized fields:**

Tribology, surface engineering and nano-modified materials  
Up to now, He has published more 260 papers in the national and international journals, SCI cited more than 1800 times. Also, he has obtained 5 US and international patents and more than 10 China patents.

*New way-new tech.-new topics of energy-saving & emission reduction in the heat treatment processes for metal*

**Prof. Dr. Cang Daqiang [China]**  
School of Metallurgical and Ecological, Engineering, University of Science and Technology Beijing

*Heat treatment and surface engineering using safer and cleaner practices, better energy efficiency and limited environmental impact processes*

**Dr Patrick Jacquot [France]**  
Technical Manager, Bodycote (France, Belgium, Italy), Vice-President of IFHTSE

*Mechanism of surface defect formation during manufacturing single-crystal turbine components*

**Prof. Dong Hongbiao [UK]**  
Department of Engineering, University of Leicester

*continued...>*

Beijing conference: Plenary presentations, continued

*Microstructures and strengthening effect of heterogeneous precipitation in 2024 aluminum alloy*

**Prof. Yang Yanqing [China]**

School of Material Science Northwestern Polytechnic University

*Liquid quenchant database -A Global IFHTSE project*

**Dr Imre Felde [Hungary]**

Vice Dean ,Faculty of Informatics, Óbuda University

*Transformation and microstructure in ferritic heat resistant steel for ultra-super-critical rotors*

**Prof.Gu Jianfeng [China]**

School of Materials Science and Engineering, Shanghai Jiaotong University

*Investigation on failure mechanism of quenchant*

**Dr Chen Chunhuai [China]**

Houghton (China) Co. Ltd

*Integration of the Sub Zero treatment into vacuum hardening processes and subsequent advantages*

**B. Zieger [Germany]**

SCHMETZ GmbH, Menden, Germany

*Highly efficient gas nitriding using atmosphere-control and computational process simulation methods*

**Prof. Youichi Watanabe [Japan]**

Director, Parker Netsusyori Kogyo Co. Ltd R & D Lab, Visiting professor Sendai National College of Technology

*Research progress on laser surface engineering*

**Prof.Zhang Guangjun [China], Prof.Li Wenge [China]**

Institute of Laser Industrial Technology, Shanghai University of Engineering Science





## **Automotive heat treatment standards and practice**

This Bulletin has previously referred to the discussion on automotive norms for manufacturers and suppliers set out in CQI-9 and the more recent RQP 1 (*Bulletin 2012/11* dated 12 September 2012). There has been considerable progress since then on RQP and we now understand that the RQP proposals have received extensive support from OEMs and from Tier 1 contractors and that the scheme is:

- a) being converted to a French standard and
- b) being proposed as an ISO standard through TC244.

More information as it is supplied.

# Events diary

2014 OCT	22-24	HK 2014 [languages: German/English]	Cologne	Germany	<a href="http://www.hk-awt.de">www.hk-awt.de</a>	
2014 NOV	25-27	25th National Conference on Heat Treatment with International Participation [languages: Czech, Slovak, English]	Jihlava	Czech Republic	<a href="http://www.htconference.cz">www.htconference.cz</a>	
2015 MAY	20-22	IFHTSE 22nd Congress / European Conference on Heat Treatment	Venice/Mestre	Italy	<a href="http://www.aimnet.it/ht2015.htm">www.aimnet.it/ht2015.htm</a>	
2015 JUN	03-04	A3TS Conference [French language]	St Etienne	France	<a href="http://www.a3ts.org">www.a3ts.org</a>	
2015 SEP	23-25	International Conference on Distortion Engineering	Bremen	Germany	<a href="http://www.distortion-engineering.de">www.distortion-engineering.de</a>	
2015 OCT	20-22	ASM Heat Treatment Society Conference and Exposition	Detroit MI	USA	<a href="http://www.asminternational.org/">www.asminternational.org/</a>	
2015 OCT	28-30	HK 2015 [languages: German/English]	Cologne	Germany	<a href="http://www.awt-online.org">www.awt-online.org</a>	
2015 NOV		Heat treatment and surface engineering for tribological performance	Tallinn	Estonia	<a href="mailto:priit.kulu@ttu.ee">priit.kulu@ttu.ee</a>	
2016 MAY	11-13	3rd International Conference on Heat Treatment and Surface Engineering in Automotive Applications /European Conference on Heat	Prague	Czech Republic	<a href="http://www.htconference-prague2016.cz">www.htconference-prague2016.cz</a>	
2016 SEP	26-28	3rd Mediterranean Conference: Challenges for Heat Treatment and Surface Engineering of Tools and Dies	Portorož	Slovenia		
2016 OCT	26-28	HK 2016 [languages: German/English]	Cologne?	Germany	<a href="http://www.awt-online.org">www.awt-online.org</a>	
2017 JUN	26-29	IFHTSE Congress / European Conference on Heat Treatment	Nice	France	<a href="http://www.a3ts.org">www.a3ts.org</a>	



## IFHTSE 22nd CONGRESS / 2015 EUROPEAN CONFERENCE 27-29 MAY Mestre/Venice Italy

Conference website: [www.aimnet.it/ht2015.htm](http://www.aimnet.it/ht2015.htm)

Exhibition enquiries: [marketing@aimnet.it](mailto:marketing@aimnet.it)

