

- 42nd Assembly of the IFHTSE Governing Council calling notice
- Heat Treatment 2013 Moscow
- Chennai event success
- Conference diary information

**HEAT TREATMENT 2013 –
EXHIBITION
MOSCOW
10-12 September 2013**

**7th International Specialized Exhibition on
Technologies and
Equipment for Heat Treatment**

Pavilion 5, Expocentre Fairground, Moscow,
Russia

Organiser: Mir-Expo

Scope of the 2013 edition of this annual series:

- Industrial furnaces: muffle, vacuum, melting, shaft, chamber, electric
- Induction heating: HDTV production, induction furnaces
- Equipment for chemical - thermal processing: nitration, cementation, etc.
- Laboratory furnaces, drying cabinets
- Quenching plant, equipment, oils and other quenchants
- Tool set for thermal equipment
- Dimensional and surface processing: shape design, sputtering
- Heating systems, gas supply systems, burners, heating elements
- Non-destructive control, testing and measuring equipment
- Automation of heat - treatment, control systems
- Energy-saving technologies of thermal production
- Diagnostics, reconstruction and modernization of equipment

For more information, visit:
<http://www.htexporus.com>



**IFHTSE: 42ND ASSEMBLY OF
THE GOVERNING COUNCIL**

Call notice

As announced in *Bulletin* 2013/1 and elsewhere, the **42nd Assembly of the IFHTSE Governing Council** will be held:

**Tuesday 11 June 2013 (late afternoon) Hotel
Croatia, Dubrovnik-Cavtat, Croatia**

Outline Agenda

- Approval of the Minutes of the 41st Assembly (Beijing China 22 October 2012)
- Elect a Vice President to serve for the period 2014-2015
- Approve the composition of the Executive Committee for 2014
- Formally welcome new Member (IFHTSE Tamil Nadu Group, India)
- Receive nominations for IFHTSE Fellowship
- Approve the main programme 2014-2016
- Approve accounts for the year 2012
- Approve budget for the year 2014

The controlling body of IFHTSE is its Governing Council which is required to meet annually. It is the usual practice to hold the Assembly in conjunction with a Congress or other appropriate Conference. All Member bodies are invited to send up to four representatives to an Assembly. Others may attend by request or invitation, but for obvious practical reasons it is essential to know numbers in advance.

If you want to know more, please contact me (robert.wood@ifhtse.org)

HT&SE 2013 and SMT 27

Chennai Trade Centre, Chennai India
16-18 May 2013
Expert Workshops 15 and 19 May

Heat Treatment & Surface Engineering Conference & Expo 2013 took place at the Chennai Trade Centre, Chennai (Madras) 16-18 May 2013. The technical programme incorporated SMT (Surface Modification Technologies) - no 27 in that series. The main programme included nine plenary papers, more than 50 papers presented in parallel sessions, an Industry Forum, and a panel discussion on encouraging young people to enter the field. Before and after the Conference and Expo a series of expert workshops was delivered on 15 and 19 May at the Indian Institute of Technology Madras:

Metallography and failure analysis (Vander Voort)


- Carburizing (Stratton)
- Nitriding (Koložsváry)
- Mastering quenching (MacKenzie)
- Industrial ion sources (Zhurin)
- Induction processing (Girish Dahake)
- Nanomaterials for practitioners (Sudarshan)
- Nanomechanics of materials (Harris)
- Thermal spray coating technologies (Nylen and Joshi)

In discussions held during the event, agreement was reached on the entry into IFHTSE membership of the newly formed **IFHTSE Tamil Nadu Group**. A series of further expert workshops on a range of subjects is foreseen in India over the next two-three years



Conference Diary

2013

ABM 44th Steelmaking Seminar 26-29 May - Araxa MG, Brazil	www.abmbrasil.com.br	
2nd Mediterranean Conference on Heat Treatment and Surface Engineering 11-14 June - Dubrovnik-Cavtat, Croatia	www.fsb.unizg.hr/hdtoip/IFHTSE%20201	
HIPIMS: 4th International Conference on High Power Impulse 12-13 June - Braunschweig, Germany	www.inplas.de	
Heat Treatment Conference (Spanish language) 19 June - Queretaro, Mexico	http://metalspain.com/TT-2013-english-mexico.htm	
PRICM 8: 8th Pacific Rim International Conference on Advanced Materials and Processing 4-9 August - Waikoloa HI, USA	www.tms.org/Meeting	
IVC-19 + +: International Vacuum Congress and related events 9-13 September - Paris, France	www.ivc19.com	
Heat Treatment 2013 Moscow: Exhibition and Conference 10-12 September - Moscow, Russia	www.htexporus.com	
EuroPM 2013 (Powder Metallurgy European Conference 2013) 15-18 September - Gothenburg, Sweden	www.epma.com/pm2013	
ASM Heat Treating Society 27th Conference and Exposition 16-18 September - Indianapolis, Indiana, USA	www.asminternational.org/	
Heat Treatment Conference (Spanish language) 25 September - Bilbao, Spain	http://metalspain.com/TT-2013-english.htm	
HK 2013 9-11 October - Wiesbaden, Germany	www.awt-online.org	
21st Conference on Materials and Technology 13-15 November - Portoroz, Slovenia	http://icmt21.imt.si/en/home/	
Materials in heat treatment (Czech, Slovak, English languages) 26-27 November - Jihlava, Czech Republic	asociacetz@grbox.cz www.asociacetz.cz/conference-en.html	

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Conference Diary continued

2014

21st Congress IFHTSE combined with European Conference on Heat Treatment and Surface Engineering

12-15 May - Munich, Germany

www.awt-online.org/awt_seminare_und_veranstaltungen/muenchen_2014.html



Steel in cars and trucks

15-19 June - Braunschweig, Germany

www.SCT2014.com



5th International Conference on Thermal Process Modeling and Computer Simulation

[Co-located with Aeromat 2014]

16-18 June - Orlando Florida, USA

robert.wood@ifhtse.org



HK 2014

22-24 October - Cologne, Germany

www.awt-online.org

HK 2014

Change of location for annual German event

22 – 24 October 2014 Köln-Messe

The 2014 edition of the well-known and old-established annual German heat treatment conference, for so long associated with the city of Wiesbaden, will be held in Cologne. The 2013 edition will as ever be in Wiesbaden, but the extensive rebuild of the Rhein-Main-Hallen in Wiesbaden requires this relocation for 2014.

The IFHTSE future programme, 2015-2016 will be discussed at the 42nd Assembly of the Governing Council to be held in Croatia on 11 June 2013 (see page 1 of this *Bulletin*)

The *Bulletin* is an occasional publication, maximum four pages, issued as required by the timing of its contents.

- It is the official organ for the publication of calling notices for the annual Assembly of the Governing Council of the International Federation for Heat Treatment and Surface Engineering
- The pages of the *Bulletin* are available for Member announcements

The *Bulletin* is circulated directly to

- Around 500 individuals (official representatives of Member bodies, people active in various IFHTSE Projects, authors of papers in the IFHTSE Journal *International Heat Treatment and Surface Engineering*)
- Our networking publications (*The Monty, Tratamientos Termicos, Industrial Heating*)
- People who have asked to be put on the list
- It is also passed on to memberships of several bodies in a number of countries

