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 (Kolozsváry)
- 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

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
<th>Location</th>
<th>Website</th>
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<tbody>
<tr>
<td>ABM 44th Steelmaking Seminar</td>
<td>26-29 May</td>
<td>Araxa MG, Brazil</td>
<td><a href="http://www.abmbrasil.com.br">www.abmbrasil.com.br</a></td>
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<tr>
<td>2nd Mediterranean Conference on Heat Treatment and Surface Engineering</td>
<td>11-14 June</td>
<td>Dubrovnik-Cavtat, Croatia</td>
<td><a href="http://www.fsb.unizg.hr/hdtoip/IFHTSE%202013.pdf">www.fsb.unizg.hr/hdtoip/IFHTSE%202013.pdf</a></td>
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<tr>
<td>HIPIMS: 4th International Conference on High Power Impulse</td>
<td>12-13 June</td>
<td>Braunschweig, Germany</td>
<td><a href="http://www.inplas.de">www.inplas.de</a></td>
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<tr>
<td>PRICM 8: 8th Pacific Rim International Conference on Advanced Materials and Processing</td>
<td>4-9 August</td>
<td>Waikoloa HI, USA</td>
<td><a href="http://www.tms.org">www.tms.http://www.tms.org/Meeting</a></td>
</tr>
<tr>
<td>Heat Treatment 2013 Moscow: Exhibition and Conference</td>
<td>10-12 September</td>
<td>Moscow, Russia</td>
<td><a href="http://www.htexportus.com">www.htexportus.com</a></td>
</tr>
<tr>
<td>HK 2013</td>
<td>9-11 October</td>
<td>Wiesbaden, Germany</td>
<td><a href="http://www.awt-online.org">www.awt-online.org</a></td>
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Continued
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.5C2014.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