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IFHTSE 20TH CONGRESS BEIJING OCTOBER 2012

IFHTSE's 20th Congress takes place in Beijing China 23-25 October 2012. Registration is open (go to www.20ifhtse.org). A very approximate idea of the overall timetable is set out below (this is of course subject to change nearer the time).

22 October, Monday

08:00~20:00 Registration
15:00~16:30 IFHTSE Executive Committee Meeting
16:30~18:00
41st Assembly IFHTSE Governing Council
18:00~20:00 Reception

23 October, Tuesday

08:30~12:15 Plenary Session
14:00~17:15 Plenary Session
18:30~20:00 Banquet

24 October, Wednesday

08:30~12:00 Parallel Technical Sessions
14:00~18:00 Parallel Technical Sessions
18:00~19:00 Buffet

25 October, Thursday

08:00
Visit the Great Wall and other sights
Evening: opportunity for other meetings

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MEMBERSHIP IN IFHTSE



Prof Larisa Petrova



Arkadii Tikhonov

The Russian Society for Metallurgy and Heat Treatment, ROMiT (РОМИТ) is in process of becoming a member organisation of IFHTSE. ROMiT was founded in the Russian Federation in 2011. Its structure brings together about 100 individuals who represent the relevant groups of industrial and academic professionals in the Federation Regions of Moscow, Petersburg, Yaroslavl, Tatarstan, Samara, South Urals, and Urals.

Arkadii Tikhonov (AvtoVAZ in Tolyatti, Samara region) has been elected President of the Society and Prof Larisa Petrova (MADI* Moscow) is Vice President. Chief Scientific Secretary is Irina Belashova. Honorary President is Prof Oleg Bannykh, who was IFHTSE President for 1985-86.

We believe that ROMiT will make a valuable contribution to multinational knowledge transfer in many areas of heat treatment and surface engineering.

It is expected that ROMiT membership will be formally ratified at the IFHTSE 41st Assembly of the Governing Council in Beijing in October 2012.

*MADI – English-language name Moscow State Automobile and Roads Technical University

Some confirmed main speakers:

*Arkadiy Tikhonov AutoVAZ, Russia
Heat treatment in Russia - main directions*

*Prof Richard Sisson WPI, USA
Integrated computational heat treating*

*Prof Allan Matthews University of Sheffield, UK
Progress in duplex plasma processes in surface engineering*

*Prof Zhao Zhenye Beijing Insistute of
Aeronautical Materials
Recent developments in advanced heat treatment and surface modification technology*

*Dr Zoltan Kolozsvary SC Plasmaterm SA, Romania
Surface engineering: a bridge between 'avant-garde' and conventional materials and technologies*

*Prof Xu Binshi Academy of Armored Forces
Engineering, China
Three-dimensional forming in surface engineering*

*Dr Klaus Löser ALD Vacuum Technologies, Germany
Vacuum heat treatment processes and systems – State of the Art and trends*

*Dr Youichi Watanabe Parker Netsushori Kogyo
Status and the future prospect of surface modification technologies for improving rolling contact fatigue strength of automotive gear steel*

*Dr Herwig Altena Aichelin, Austria
Controlled atmosphere furnaces and process technology – State of the art in Europe and outlook*

The detailed programme for the technical sessions will appear on the website very soon.

It is being constructed from a list of 200-250 submitted abstracts and invited papers, Over 100 of these are from a wide range of establishments – universities, companies, Key Laboratories etc. in China – with the rest from authors working in:

Austria, Brazil, Denmark, Estonia, Germany, Hungary, India, Japan, Morocco, Poland, Romania, Russia, Slovakia, Slovenia, Thailand, UK, Ukraine, and USA

General information

Congress hotel: Beijing Xijiao Hotel, situated in the North West of the city and not far from Beijing and Tsinghua universities. (see page 3)

Currency: Renmibi (RMB or ISO designation CNY) is the currency in China. The basic currency unit is yuan, known as "kuai" in colloquial language. One yuan equals 10 jiao or 100 fen. The paper notes in circulation have yuan values of 100 , 50, 20 , 10, 5 , 2, 1 and 0.5 (this last also known as 5 jiao).

Local Time: GMT+8

Arriving: Congress participants should preferably arrange travel so that they are in Beijing by the end of Sunday 21 October. Beijing's Capital Airport (PEK) is the main hub for international flights into China. Transport links to and from the city are easy. The 'Airport Express' train connects with the metro system. Taxi fares from the airport to the area around the Beijing Xijiao Hotel – about 30 km - venue average approximately 100 Yuan (Chinese RMB or approximately USD 15 at the time of this note). Travel time is approximately 30 minutes outside the rush hour.

Travel in Beijing: Taxi fares between the congress venue (Beijing Xijiao Hotel) and the city centre are approximately 40 yuan (approx USD 6.00) and, outside rush hour take about 30 minutes. Also, the Xijiao Hotel is near a metro station (Wudaokou). The Beijing metro is modern, clean, efficient and very safe. A single adult fare on the metro from the Congress venue to, for example, the area around Tian'anmen Square costs 2 yuan (approx 0.30 USD) and takes 40 minutes. All the metro signage and the announcements on the trains are clearly given in Chinese and English.

Weather: At a latitude roughly equivalent to, for example, New York City and Rome, Beijing has four distinct seasons. The average temperature in October is approximately 15 C.

Electric Power: 220V 50 hz; hotels generally provide power outlets accommodating both straight two-pin plug and triangular 3-pin Chinese plugs





IFHTSE 20th Congress location
Beijing Xijiao Hotel

18 Wangzhuang Road, Haidian District,
Beijing 100083

Xijiao Hotel Beijing has an *indoor pool, two tennis courts, a bowling alley, and a fitness center*. This Beijing hotel offers *restaurants and a coffee shop; room service is available 24 hours a day. A business center is on site, and Internet access is complimentary throughout the hotel.*

Hotel Xijiao is located in the centre of Zhongguancun Science & Technology Area, a 5-minute walk from Wudaokou Subway Station.

Publication notice

Materials and surface engineering

A collection of articles on research and development in, and the applications of, surface engineering, ranging from the automotive industry to biomedical, from textile machinery to machine tools. *Materials and surface engineering: Research and development* comprises full research articles, review articles and case studies. Relationship between micro and nano-structure, processing, and properties of materials are included (Materials: metals and alloys, polymers, ceramics and glasses, composites, nano-materials, and biomaterials).

Materials and surface engineering: Research and Development is the second title in the new Woodhead Publishing Reviews: Mechanical Engineering series.

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Heat treatment conference for industry

Bilbao, Spain, 26 September 2012


A one-day (Spanish-language) conference will be held in Bilbao, Spain, on 26 September 2012 offering an opportunity to present to the Spanish-speaking heat treatment market. The programme, following a pattern established last November, consist of a series of 20-minute highly practical and case-study papers with clear heat treatment relevance, followed in each case by 10 minutes question time. The area of industrial interest is wide, with emphasis on: automotive, aeronautical, wind power / casting, foundry / forging. The target attendance is heat treating professionals from the main captive and contract heat treating companies in Spain and Latin-America. In addition to the scope for presentations, the event also offers small-scale display opportunities (table, chairs, posters) for EUR 390. Titles of contributions may be offered in English, but the language of presentation, and the whole event, is Spanish. Attendance without presentations is available at EUR 95. Contact: revistas@metalspain.com


The location, Hotel Barceló Nervión, Paseo Campo de Volantín 11, 48007 Bilbao Vizcaya, Spain is offering special rates (EUR 60-70 inc VAT) for people attending the meeting. Contact: nervion.incentives@barcelo.com

Attendance list at previous event held on 16 November 2011: ABELLÓ-LINDE S.A., AYZAR, S.A., COMERCIAL SATEC, S.L., ECLIPSE COMBUSTION SL, ECLIPSE COMBUSTION, ENI S.A., ENTESIS SYSTEMS S.L., ESTAMCAL S.A, EUCON, EUSKAL FORGING, FUCHS LUBRICANTES S.A.U., FUNDACIÓN PARA LA FORMACIÓN TÉCNICA EN MÁQUINA-HERRAMIENTA, FUNDICIONES DE VERA S.A., GEARBOX DEL PRAT (SEAT-VW), IMEZASA, INAUXA, INDUSTRIAS TEY, S.L., INGENER-INGENIERIA DEL NERVION, S.A, IPSEN, MANUFACTURAS ALFE, NEURTEK, NIVAC, OERLIKON LEYBOLD VACUUM SPAIN, S.A, PhoenixTM, RAYTEK GmbH, RAZYA,S.A., Revista TRATAMIENTOS TERMICOS, SANDVIK ESPAÑOLA, S.A. - DIVISIÓN KANTHAL, SUMATEC Technoindustrial S.L, SUMINISTROS Y CALIBRACION, TAV - Technologie Alto Vuoto Engineering S.r.l., TIVOLY, TERMICOS YURRE, TRAT. TERMICOS SARASKETA, TRATAMIENTOS INDUSTRIALES IRUÑA, S.A., Tratamientos Térmicos TTT SA, TRW AUTOMOTIVE ESPAÑA S.L.

CONFERENCE DIARY

2012

 **6th International Conf. Quenching and Control of Distortion / 4th International Conf. on Distortion Engineering**
9-13 September 2012 – Chicago II, USA
(www.asminternational.org/qcd)

 **9th Tooling Conference / 4th International Conference on Heat Treatment of Tools and Dies**
11-14 September 2012 – Leoben, Austria
(www.tbol2012.at)

HK 2012

10-12 October 2012 Wiesbaden, Germany
(www.awt-online.org)

BALTMATRIB - 21st International Baltic Conference: Engineering materials and tribology
18-19 October 2012- Tallinn, Estonia
(www.ttu.ee/baltmattrib2012)

 **20th Congress IFHTSE**
23-25 October 2012 - Beijing, China
(www.20ifhtse.org)

24th National Conference on Heat Treatment with International Participation
27-29 November 2012 – Jihlava, Czech Republic
(www.asociace.cz)


2013

 **European Conference on Heat Treatment and Surface Engineering**
25-26 April 2013 - Luzern, Switzerland (b.kuntzmann@listemann.com)
(b.kuntzmann@listemann.com)

 **2nd Mediterranean Conference on Heat Treatment and Surface Engineering**
11-14 June 2013, Dubrovnik-Cavtat, Croatia (smoljan@riteh.hr)
(smoljan@riteh.hr)

ASM Heat Treating Society 27th Conference and Exposition
16-18 September 2013 Indianapolis, Indiana, USA
(www.asminternational.org/)

2014

 **21st Congress IFHTSE / incorporating European Conference on Heat Treatment and Surface Engineering**
12-15 May 2014 Munich, Germany (awtev@t-online.de)

20th Congress: Contacts

www.20ifhtse.org
20ifhtse@chts.org.cn; 20ifhtse@gmail.com;
chts@chts.org.cn;

<http://www.booking.com/hotel/cn/xijiao-beijing.en>

25th Hungarian National Heat Treatment and Materials Science for Mechanical Engineering Conference

Balatonfüred, Hungary, 3-5 October 2012

We have just had information that this Conference, working language Hungarian, will accept papers for presentation in English (sequential interpretation into Hungarian will be provided)

Main themes:

- Structure and properties of ferrous, non-ferrous and special materials in mechanical engineering applications
- Heat treatment equipment and processing technologies
- Heat treatment of ferrous, non-ferrous and special materials
- Physical metallurgy aspects of substrate materials (interfaces) surfaces
- Advances in process and quality control techniques in heat treatment and surface engineering
- Modelling of heat treatment and surface engineering technologies
- Energy and environmental aspects of heat treatment and surface engineering

Small-scale exhibition space will be available at EUR 120/m²

Contact for more information:

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Website and e-registration:

<http://hokezelokonferencia.hu/>

