



- IFHTSE 21st Congress 2014
- World Tribology Congress
- Conferences future planning – note on locations
- Tribological Testing Workshop
- Diary

IFHTSE 21st Congress joint with 2014 European Conference

❖ European Conference on Heat Treatment 2014

❖ 21st IFHTSE Congress

Munich, Germany 12-15 May 2014

The 2014 European conference on heat treatment and surface engineering is merged with the 21st Congress of the International Federation for Heat Treatment and Surface Engineering. This joint event, organised by AWT Bremen, Germany, in close cooperation with IFHTSE and other European associations for heat treatment, takes place in May 2014 in Munich, Germany, at the Haus der Bayerischen Wirtschaft.

Congress/Conference language: English

Congress/Conference Chairmen:

Prof. Reinhold Schneider

(FH Wels Austria, and President of IFHTSE)

Prof. Hans-Werner Zoch

(IWT Bremen, and Past President of IFHTSE)

Main themes:

- Thermochemical treatment
(carburizing, nitriding, ...)
- Surface hardening
(induction, laser, plasma ...)
- Coating technology and coatings
(PVD, CVD, thermal spray, ...)
- Design and construction of industrial heat treatment equipment
- Equipment for measurement and process control
- Quenching technology, equipment and quenchants
- Distortion
- Environmental aspects of heat treatment and surface engineering
- Tribology and tribological testing methods
- Wear and wear protection
- Modeling and simulation of heat treatment and surface engineering processes and phenomena

Abstracts can be submitted direct to AWT by email (info@awt-online.org), in English (300 words max.), by 31 October 2013 Please indicate: Oral or Poster presentation preference. If you will be aged under 35 on 12 May 2014, please add your date of birth and the words 'Eligible for TBYA'.

Deadlines

Submission of abstracts: 31 October 2013
Notification of acceptance: 29 November 2013
Preliminary programme: 21 December 2013
Submission of full papers: 15 March 2014

Registration Fees, EUR

Standard attendance fee: 780
Reduced fee for speakers: 690
Early registration (by 30 November 2013): 690
Students and retired persons: 350

Social and Accompanying Persons Program 'Enjoy the Bavarian Way of Life!': is a full program of cultural visits; the Congress/Conference Dinner is planned for the Nymphenburger Schlossgarten

More information plus Accommodation links:

www.HeatTreatmentConference-Munich2014.de

An added incentive for younger scientists and engineers will be the availability of the IFHTSE's Tom Bell Young Author Award, generously sponsored by Linde Gas, and offering significant financial support for attendance at the next qualifying IFHTSE event. Also, cash prizes are on offer for the 3 best posters.

World Tribology Congress update

The World Tribology Congress yields some impressive statistics. The now very well established series started in London England in 1997. (IFHTSE people Tom Bell and Bob Wood were members of the Organising Committee for that first event, which had an attendance of 1100). Numbers 2, 3 and 4 in the series were held in Vienna Austria 2001, Washington DC USA 2005, and Kyoto Japan 2009 and continued the high performance.

The Fifth in the series took place in September in Torino/Turin Italy under the 'High Patronage' of the President of Italy. The attendance of about 1400 came from 74 countries. The event presented 825 papers covering all modern aspects of tribology, also including:

- Biotribology
- Ecotribology
- Nanotribology
- Environmental Tribology

The 6th World Tribology Congress is scheduled for Beijing China in 2017.

FUTURE PLANNING NOTE ON CONFERENCE LOCATIONS

IFHTSE Congress series

Page 4 shows the plan for 2014 to 2016; proposal for 2017 is that the 24th Congress should be held in France, jointly with the European Conference on heat treatment and surface engineering for that year

European Conference on heat treatment and surface engineering

2014: Munich (with IFHTSE 21st Congress)
2015: Italy
2016: Czech Republic
2017: France

Tribological Testing Workshop

Southampton England 27 November 2013

The UK National Centre for Advanced Tribology at Southampton England (nCATS) in collaboration with Rolls-Royce plc is organising a free half day workshop to address key issues around Robust Tribological Testing.

This workshop, on 27 November 2013 at the Hilton Southampton will discuss current efforts to address the reliability of tribological test data. This will be informed by the results of a UK national tribological survey; discussion will include sharing test data between academia and industry; intellectual property issues; future directions in testing and knowledge capture; overcoming challenges on a short to medium term basis.

The event will include a free complimentary copy of the recent nCATS UK National Tribological Survey 2012 as well as a two course buffet lunch at the Hilton restaurant. The event will precede the nCATS Industrial Steering Board meeting in the afternoon at the same location.

Contact: <https://robusttesting.eventbrite.co.uk>

8.45am - Coffee and Registration

9.00am - Welcome and Introductions

9.10am – UK industrial tribological survey – nCATS

9.30am – Round Robin analysis for high

temperature sliding – Rolls-Royce

9.50am – Sharing of intellectual property and test data

10.10am – Coffee

10.40am – A roadmap for Robust Testing

11.00am – Discussion

12.00pm – Lunch

nCATS is a multidisciplinary tribology centre involved in research aimed at the solution of next-generation tribological design issues and enabling surface interactions to occur with minimal energy loss and impact on the environment. We link world-class research groups in key disciplines at the University of Southampton to develop enhanced capabilities in advanced computational and experimental tribology.

Conference and Exhibition Diary

2013

21st Conference on Materials and Technology 13-15 November - Portoroz, Slovenia	http://icmt21.imt.si/en/home/	
16th International Heat Treatment Exhibition in China 25-27 November - Beijing, China	www.ht-events.com	
Materials in heat treatment (Czech, Slovak, English languages) 26-27 November - Jihlava, Czech Republic	asociacetz@grbox.cz	

2014

INTERNATIONAL CONFERENCE ON POWDER METALLURGY & PARTICULATE MATERIALS + EXHIBITION Chennai 23-25 January 2014

Organised by the Powder Metallurgy Association of India, this event takes place in Chennai Tamil Nadu India; this urban complex is home to a very large concentration of automotive enterprises: TVS, TI, Amalgamation, Rane groups, Ashok Leyland, the battle tank factory and Mitsubishi as well as hundreds of SMEs in Ambattur and Guindy established decades before the economic liberalization that brought in Hyundai, Ford, Daimler, BMW, Renault, Nissan, Caterpillar, Komatsu, Delphi, Borg Warner, Allison, Valeo, Visteon, Nemak, Elgin, Mando and scores of SMEs in several industrial estates around the city.



ICIT & MPT 9-11 April - Ljubljana, Slovenia	www.tecos.si/icit	
21st Congress IFHTSE combined with European Conference on Heat Treatment and Surface Engineering 12-15 May - Munich, Germany	www.HeatTreatmentConference-Munich2014.de	
Steel in cars and trucks 15-19 June - Braunschweig, Germany	www.SCT2014.com	
SMT 28 15-18 June - Finland	sudarshan@matmod.com	
5th International Conference on Thermal Process Modeling and Computer Simulation [Co-located with Aeromat 2014] 16-18 June - Orlando Florida, USA	http://www.asminternational.org/content/Events/modeling/	

2014 continued



Superficies/Surfaces (Spanish language) 17 June - Queretaro, Mexico http://metalspain.com/SUPERFICIES-MEXICO.htm
Heat treatment of metals (Spanish language) 18 June - Queretaro, Mexico http://metalspain.com/mexico-2014.htm
Superficies/Surfaces (Spanish language) 23 September - Bilbao, Spain
Heat Treatment of Metals (Spanish language) 24 September - Bilbao, Spain http://metalspain.com/TT-2013.htm
HK 2014 22-24 October - Cologne, Germany www.awt-online.org

2015 onwards

2015

22nd Congress IFHTSE October - Tallinn Estonia	
HT&SE 2015: Exhibition and Conference 1st week December - Chennai, India	

2016

23rd Congress IFHTSE April/May - NE Coast USA	
3rd Mediterranean Conference on Heat Treatment and Surface Engineering November - Cairo Egypt	

See also future planning note on page 2