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IFHTSE PROGRAMME 2013

- **European Conference on Heat Treatment and Surface Engineering**

Luzern, Switzerland 25-26 April

- **Heat Treat and Surface Engineering Conference and Expo**

Chennai, India 16-18 May

- **2nd Mediterranean Conference on Heat Treatment and Surface Engineering**

Dubrovnik-Cavtat, Croatia 11-14 June

Along with the main technical sessions, the Conference will also include:

- **43rd Assembly of the IFHTSE Governing Council**
- **Workshop / update Liquid Quenchants Database Project**
- **Workshop / update Tools – Tooling Group**
- **Workshop: Global 21**

See Page 3 for contact data for these and other 2013 events

See Page 4 for 2014 onwards

Who's Who

President 2012-2013

XU Kewei, Xi'an University of Science and Arts - China

Vice President

Reinhold SCHNEIDER, TU Wels - Austria

Treasurer

Zoltán KOLOZSVÁRY, SC Plasmaterm SA - Romania

Secretary General

Robert WOOD (robert.wood@ifhtse.org)

Joint Editors *International Heat Treatment and Surface Engineering*

Paul STRATTON, Matscribe – UK
JIN Nengyun, SJTU - China

LQD Leader

Imre FELDE, University of Obuda - Hungary

TOOL Leader

Reinhold SCHNEIDER, TU Wels - Austria

Global 21 Leader

Zoltán Kolozsváry, SC Plasmaterm SA - Romania

IFHTSE Executive Committee 2013

President: Xu Kewei, Xi'an University of Science and Arts

Vice President: Reinhold Schneider, TU Upper Austria Wels

Treasurer: Zoltán Kolozsváry, SC Plasmaterm SA

Secretary General: Robert Wood

Past President: Hans-Werner Zoch, IWT Bremen

Kiyoshi Funatani, MTI Inst

Mohamed Hussein, Tabbin Inst Cairo

Patrick Jacquot, Bodycote

Rafael Mesquita, Villares Metals SA

Vladimir Skorobogatykh, CNIITMASH

Paul Stratton, Matscribe

George Totten, Texas A&M University

China

Austria

Romania

UK

Germany

Japan

Egypt

France

Brazil

Russia

UK

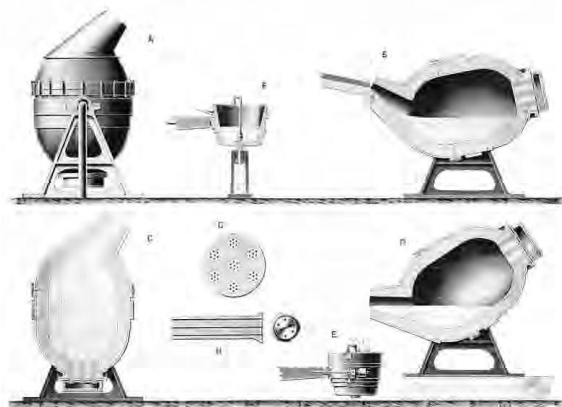
USA



Henry Bessemer bicentenary



Sir Henry Bessemer was born on 19 January 1813. Bessemer is best known as the inventor of the Bessemer Converter, which was arguably the first pneumatic bulk steelmaking process (Kelly in USA also laid claim to a pneumatic process at this time but it was never commercialised). Bessemer published his invention in 1856 and the first commercial application was seen in 1858. The process was still in operation worldwide well into the 1950s.



IFHTSE UK member IOM3 is organising an exhibition at their headquarters, 1 Carlton House Terrace, London from 19 January for three to four months as well as publishing an article by a descendant of Bessemer in the January issue of *Materials World*

For more on this and other industrial history subjects go to www.hist-met.org

Tribology Centre

The Leonardo Tribology Centre has been set up at the University of Sheffield in the UK. The Centre offers consultancy and testing services:

Tribological Testing Facilities

- Wear Testing and Wear Resistance (using pin-on-disk, and reciprocating testers)
- Measurement of Friction Coefficient
- Measurement of Materials Properties (hardness, elastic modulus, Poisson's ratio)
- Rolling Contact Fatigue and Wear Testing (twin disk testing)
- Measurement and Analysis of Surface Roughness
- Ultrasonic Flaw Detection & Thickness Gauging
- Ultrasonic Analysis of Interfaces (stiffness, contact pressure, contact conditions)
- Lubricant Film Measurement
- Surface Roughness Measurement and Evaluation
- Hardness testing (micro- & nano-)

General Consultancy, Trouble Shooting, & Advice

- Surface/Tribological Failure Diagnosis
- Selection of Bearings, Lubricants, Wear Resistant Materials
- Theoretical and Modelling Capabilities
- Contact Modelling and Contact Mechanics Tools
- RECESS - automotive valve recession simulation
- RAWSIM - railway wheel wear simulation
- Surface Roughness Analysis Software





Dedicated Component Testing

- Railway Wheel/Rail Twin Disk Simulations
- Motor Driven Engine Chain Test-Rig
- Motor Driven Engine Cylinder Head
- Valve and Seat Insert Wear Test-Rig
- Ultrasonic Lubricant Film Thickness Measurement

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CONFERENCE DIARY

2013

NANOSMAT-Asia 13-15 March - Wuhan, China	www.nanosmat-asia.com	
European Conference on Heat Treatment and Surface Engineering 25-26 April - Luzern, Switzerland	b.kuntzmann@listemann.com	
ROMiT 5-yearly Conference Automotive Materials April/May - Tolyatti, Russia	ak.tikhonov@vaz.ru	
Heat Treat and Surface Engineering Conference and Expo 16-18 May - Chennai, India	kamachi@iqcar.gov.in	
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.hr/hdtoip	
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-	
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/	
HK 2013 9-11 October - Wiesbaden, Germany	www.awt-online.org	
Stainless Steel World 2013 12-14 November - Maastricht, Netherlands	www.stainless-steel-world.com	

CONFERENCE DIARY 2014 ONWARDS

2014

21st Congress IFHTSE combined with European Conference
on Heat Treatment and Surface Engineering
12-15 May - Munich, Germany

www.awt-online.org



Steel in cars and trucks
15-19 June - Braunschweig, Germany

www.SCT2014.com



HK 2014

October - (Location to be decided), Germany

www.awt-online.org

2015

ASM Heat Treating Society 28th Conference and Exposition
September? - Detroit?

www.asminternational.org/

2016

22nd Congress IFHTSE
Proposals welcomed

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Circulation and links

This *Bulletin* is widely forwarded by many recipients globally; it also exchanges information with:



The Spanish Worldwide Heat treatment magazine covering Spain, Portugal, Latin America, United States and more countries, published since 1991

www.metalspain.com

and

www.metalspain.com/TEnglish.html

The Monty – monthly newsletter and website www.themonty.com



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