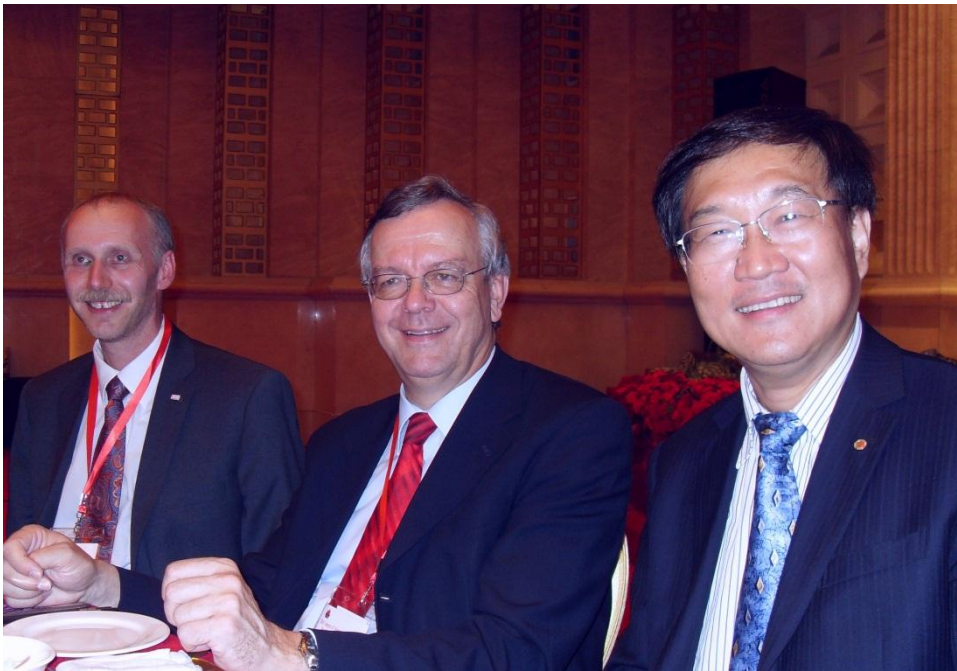


IFHTSE 20TH CONGRESS – BEIJING OCTOBER 2012



Together at the 20th
Congress Banquet
24 October 12

Left to right:

Reinhold Schneider
(Vice President 2012/13)

Hans-Werner Zoch
(was President 2010/11)

XU Kewei
(President 2012/13)

GOVERNING COUNCIL ASSEMBLY IN BEIJING

*A complete formal record of discussions and decisions from the **41st Assembly of the Governing Council Beijing 22 October 2012** will be circulated to all members during November, and later available on the website.*

Here are some 2013 programme highlights agreed at the Assembly.

Conference programme 2013

There are three events in the second quarter of 2013, but they have different emphases and markets:

- *European Conference on Heat Treatment and Surface Engineering, Luzern Switzerland 25-26 April*

2013 event in an annual series; the main theme in this case is 'precision engineering'.

b.kuntzmann@listemann.com

- *Heat Treatment and Surface Engineering Conference and Expo, Chennai 16-18 May*
This is organised by ASM's Chennai Chapter (founded in 1985). Emphasis is on the exhibition of plant and equipment and is billed as 'Your opening into India's thriving heat treatment and surface engineering industry'. SMT 27, the 2013 event in the Surface Modification Technology series, will be a part of the conference element
www.heatreatexpo-asm.chennai.com

- *2nd Mediterranean Conference on Heat Treatment and Surface Engineering, Cavtat, Croatia 11-14 June*
This has a general Mediterranean, Adriatic and North African appeal. It will also be the **main IFHTSE event for 2013 and will therefore include the 42nd Assembly of the IFHTSE Governing Council** as well as a number of other components
www.fsb.hr/hdtoip

Continued >

Geographical distribution of conference activity

Successful action will be continued in Asia and Europe, but the 41st Assembly also looked forward to new or increased action in, for example, Russia, Turkey, and Latin America

Priority output

Priorities for allocation of our limited time, financial and other resources will be:

- LQD Project
- TOOL Project
- Global 21Project
- Expanded use of the IFHTSE Bulletin as a member communication resource
- Further development of the Journal *International Heat Treatment and Surface Engineering*

Areas and themes of main interest

For future conferences and other output, the following specific and general subjects have been identified by member organisations for emphasis (heat treatment and surface engineering aspects of):

- Non-ferrous metals
- Energy generation and distribution, especially nuclear
- High-temperature vacuum carburising
- Bio-interface components
- Nano surface engineering for macro performance effects
- Non-destructive examination

Invitation to submit proposals

Proposals from member organisations of IFHTSE are invited and welcomed for the following:

- 22nd Congress 2016
(One proposal already received from ASM / HTS for Philadelphia location)
- 2nd Energy and the future of heat treatment and surface engineering
- 7th Quenching and control of distortion
- Heat treatment and surface engineering of light metals
- High-temperature carburizing
- Surface engineering for the bio interface

(robert.wood@ifhtse.org)



Prof ZHANG Yangmin, Vice President and Secretary General of the Chinese Mechanical Engineering Society

TOM BELL YOUNG AUTHOR AWARD 2012

Selected from a total of 10 eligible entries at the 20th Congress in Beijing, the 2012 Award was won by Ms JIN Xiaoyue (Beijing Normal University) for her paper:

'Characterisation of wear-resistant coatings on 304 stainless steel fabricated by cathodic plasma electrolytic oxidation'



Ms Jin with Christoph Laumen of Linde Gas (the Linde Group sponsors the Award)

JOURNAL

International Heat Treatment and Surface Engineering

DRAFT CONTENTS OF 2012 issue 4

Scheduled for November 2012

IFHTSE Global 21: Part 19: Type I quenchants for quenching of aluminium: a review	Albano
T4 and T6 treatment of 6061 Al 15 vol. % SiCP composite	Rajasekaran
Influence of heat treatment on mechanical properties of 51CrV4 high strength spring steel	Sencic
Progress in theory and practice of thermo-chemical treatment of steels	Petrova
Liquid phase surface engineering of aluminium alloys using novel electron beam deflection techniques and its influence on microstructure /property relationships	Klemm
Influence of pulse parameters on electrocodeposition of Cr-Al ₂ O ₃ nanocomposite coatings from trivalent chromium bath	Salehi Doolabi
Steels of optimal chemical composition combined with intensive quenching	Kobasko
Protective atmosphere induction heating	Stratton
Mathematical modeling of mechanical properties of quenched and tempered steel	Smoljan
Effects of electromagnetic induction on growth kinetics of case hardened layers	Druga
Plastic deformation of low carbon steels	Jauregui

A meeting of the Editorial Committee was held during the 20th Congress



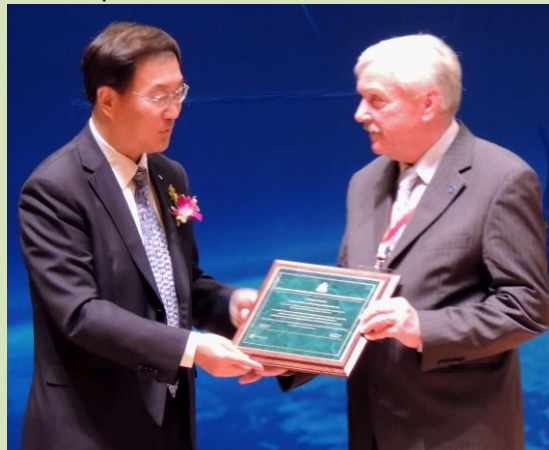
JIN Nengyun and Paul Stratton, Joint Editors of International Heat Treatment and Surface Engineering; you can submit papers directly to one or both

jiny@sjtu.edu.cn; dr.paul.stratton@gmail.com,

IFHTSE FELLOWSHIP

2012

As announced in this Bulletin earlier (*IFHTSE Bulletin* 2012/9 23 July 2012) Fellowship plaques were awarded at the 20th Congress in Beijing to Vojteh Leskovšek (Institute of Metals and Technologies, Ljubljana Slovenia) and Božo Smoljan (University of Rijeka, Croatia)



Leskovšek with the President



Smoljan acknowledges

2013

Fellowship was approved at the 41st Assembly for Aleksander Nakonieczny, IMP Poland: 'In recognition of widely recognised and significant contributions to the understanding of the role of microstructure and residual stress in heat treatment and surface engineering processes, with particular reference to improved corrosion and wear'

The Award, sponsored by Houghton International, will be available for presentation at the 2nd Mediterranean Conference in June next year.

CONFERENCE DIARY

- 2012** **24th National Conference on Heat Treatment with International Participation**
27-29 November – Jihlava, Czech Republic www.asociacetz.cz
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- 2013** **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@vazru
- Heat Treat and Surface Engineering Conference and Expo**
16-18 May - Chennai, India kamachi@igcar.gov.in
- 2nd Mediterranean Conference on Heat Treatment and Surface Engineering**
11-14 June - Dubrovnik-Cavtat, Croatia hdtoip@fsb.hr
- 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
-
- 2014** **21st Congress IFHTSE combined with European Conference on Heat Treatment and Surface Engineering**
12-15 May - Munich, Germany www.awt-online.org
- HK 2014**
October - (Location to be decided), Germany www.awt-online.org
- BALTMATTRIB - 22nd International Baltic Conference: Engineering materials and tribology**
Late October - Riga, Latvia www.ttu.ee/
-
- 2015** **ASM Heat Treating Society 28th Conference and Exposition**
September? - Detroit? www.asminternational.org/
-
- 2016** **22nd Congress IFHTSE**
Proposals welcomed robert.wood@ifhtse.org
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