

- Yoshinao Mishima, President of Tokyo Tech
- Switzerland returns to IFHTSE membership
- Future conference proposals invited
- Contents of Journal 2012 issue no. 4
- Conference Diary

## Yoshinao Mishima is new President of Tokyo Tech



On 1 October 2012, Dr Yoshinao Mishima, who served as President of IFHTSE for the two years 2006-07 was appointed President of the Tokyo Institute of Technology, where he graduated in 1969. After six years in the USA, including receiving his PhD from the University of California, he returned to work at the Institute as an assistant professor. Most recently, until his appointment as President, he was Executive Vice President for Education and International Affairs.

Established in 1881, Tokyo Institute of Technology is one of Japan's leading educational institutions in the field of science and technology. With the aim of providing an all-round education, the institute emphasizes both technical and cultural skills to prepare students to become educators, researchers, engineers and managers. Tokyo Tech comprises three schools, six graduate schools, four affiliated research centres and a number of other educational facilities, and receives applications from qualified applicants around the world.

Tokyo Tech's International Graduate Program aims to offer qualified students from outside Japan an opportunity to enrol directly in the Master's or Doctoral programs at Tokyo Tech, with little or no knowledge of Japanese, to pursue a full-degree program of advanced studies in Japan. As lectures and seminars are conducted in English, it is no longer essential to master the Japanese language. Faculties in charge of each International Graduate Program are those of the relevant Tokyo Tech Graduate School departments; (though not all Tokyo Tech faculty teach in the International Graduate Program; interested applicants should refer to the Tokyo Tech website to confirm which faculties are actually involved in the International Graduate Program).



[www.titech.ac.jp/](http://www.titech.ac.jp/)

## SWISS MEMBER OF IFHTSE: SVW

For some years we have been missing a Swiss member of IFHTSE. We are now very glad to welcome back SVW, the Schweizerische Verein für Warmbehandlung into membership. This is particularly welcome because the Swiss leaders did so much in the earlier years of IFHTSE. Dr H U Meyer, Climax Molybdenum Zurich was our first President, in office from 1971 to 1974. Urs Wyss, MAAG Gear, was the first Secretary, a post he held from foundation until 1988 (and he was Treasurer for several years after that). Urs was also a recipient of the IFHTSE Medal, which he was awarded at the 15th Congress in Vienna in 2005.

SVW is the organiser of the next European Conference on Heat Treatment and Surface Engineering to be held in Luzern Switzerland 25-26 April next year (see page 4)



(left to right)

Urs Wyss, MAAG Gear Co. (then President of the Swiss Association SVW, appointed founding Secretary of IFHTSE); Prof Otto Schaaber, Director of the Institut für Härtereitechnik Bremen, Germany (IFHTSE President 1975-76); Dr H U Meyer, Director of Climax Molybdenum, Zurich, Chairman of the Founding Committee and IFHTSE President 1971-74)

## CONGRESS AND CONFERENCE DIARY

*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 / 5th Distortion engineering

### Heat treatment and surface engineering of light metals

### High-temperature carburizing

### Surface engineering for the bio interface

Other?

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## 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 <sub>2</sub> O <sub>3</sub> 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

# CONFERENCE DIARY

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- 2012** **BALTMATTRIB - 21st International Baltic Conference:  
Engineering materials and tribology**  
18-19 October - Tallinn, Estonia [www.ttu.ee/baltmattrib2012](http://www.ttu.ee/baltmattrib2012)
- 20th Congress IFHTSE**  
23-25 October - Beijing, China [www.20ifhtse.org](http://www.20ifhtse.org)
- 24th National Conference on Heat Treatment with International**  
27-29 November – Jihlava, Czech Republic [www.asociacetz.cz](http://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](mailto:b.kuntzmann@listemann.com)
- Heat Treat and Surface Engineering Conference and Expo**  
16-18 May - Chennai, India [kamachi@igcar.gov.in](mailto:kamachi@igcar.gov.in)
- 2nd Mediterranean Conference on Heat Treatment and Surface**  
11-14 June - Dubrovnik-Cavtat, Croatia [hdtiop@fsb.hr](mailto:hdtiop@fsb.hr)
- ASM Heat Treating Society 27th Conference and Exposition**  
16-18 September - Indianapolis, Indiana, USA [www.asminternational.org/](http://www.asminternational.org/)
- HK 2013**  
October - Wiesbaden, Germany [www.awt-online.org](http://www.awt-online.org)
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- 2014** **21st Congress IFHTSE combined with European Conference on  
Heat Treatment and Surface Engineering**  
12-15 May - Munich, Germany [www.awt-online.org](http://www.awt-online.org)
- HK 2014**  
October - Wiesbaden, Germany [www.awt-online.org](http://www.awt-online.org)
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- 2015** **ASM Heat Treating Society 28th Conference and Exposition**  
September? - Detroit? [www.asminternational.org/](http://www.asminternational.org/)
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- 2016** **22nd Congress IFHTSE**  
Proposals welcomed [robert.wood@ifhtse.org](mailto:robert.wood@ifhtse.org)
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