

CALL FOR PAPERS

An abstract of 300 words maximum should be submitted electronically, preferably in Word or as a PDF file (on line registration on website www.a3ts.org). The abstract should include the title of the paper, the author's names, addresses, telephone and e-mail addresses. Please indicate the author who is going to make the oral presentation and his age at the date of the congress. Besides oral presentations it is intended to organize a poster session if too many abstracts are offered.

Only English language will be used for all the abstracts, papers, posters (if applicable) and oral presentations. An independent jury of experts will reward the best oral presentation and the three best posters. IFHTSE's Tom Bell Young Author's Award will be endowed with EUR 1.500, and the three selected posters with EUR 500 each. Submission open from 01/07/2015.

CALL FOR POSTERS

An exhibition of scientific posters will be organized during the conference. The proposals are to be sent in the form of a summary of 100 words. Submission open from 01/07/2015.

DEADLINES

- Submission of abstracts: 29 September 2016
- Notification of acceptance: 29 October 2016
- Preliminary program: 29 November 2016
- Submission of full papers: 29 December 2016

PROCEEDINGS

The proceedings of the conference will be provided in UBS KEY.

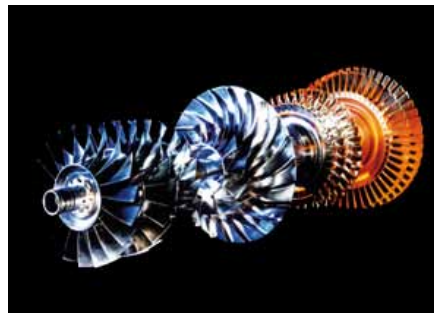
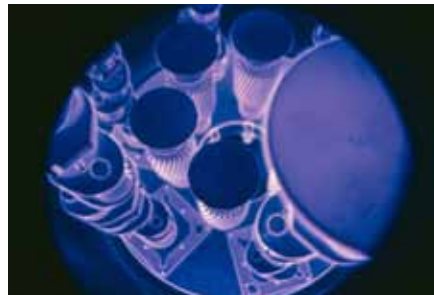
VENUE

Congress Center, Nice Acropolis,
French Riviera – France

CONFERENCE SECRETARY



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Association de Traitement Thermique
et de Traitement de Surface



INTERNATIONAL
FEDERATION
FOR HEAT
TREATMENT
AND SURFACE
ENGINEERING

INTERNATIONAL CONGRESS 2017 ON HEAT TREATMENT AND SURFACE ENGINEERING combined with INTERNATIONAL EXHIBITION HEAT AND SURFACE TREATMENT TECHNOLOGIES

26-29 June 2017
Congress Center
NICE Acropolis - France



**FIRST ANNOUNCEMENT
AND CALL FOR PAPERS**

ASMET
THE AUSTRIAN SOCIETY FOR
METALLURGY AND MATERIALS
"STUDIENVEREINIGUNG"

AWT

ASTT

ATZK

SVW
Schweizer Verband
für Wärmebehandlung
Schweiz Österreich

VWT

ASSOCIAZIONE
ITALIANA
DI METALLURGIA

INTERNATIONAL CONGRESS 2017 ON HEAT TREATMENT AND SURFACE ENGINEERING. **New Trends and Developments.**

WHO SHOULD ATTEND?

The conference will be a forum for engineers and researchers from industry as well as universities who are dealing with heat treatment and surface engineering in research, design, production and quality assurance, experimentally or by modelling and computer simulation.



This event is combined with the SVTM 2017 exhibition (vacuum, heat treatment and surface engineering), which gathers over 100 exhibitors each year.

ORGANIZATION

The Congress is organized by the A3TS (Association of Heat Treatment and Surface...) in close cooperation with AIM, ASMET, ATZK, AWT, SVW/ASTT, VWT and the International Federation for Heat Treatment and Surface Engineering IFHTSE.

INTERNATIONAL SCIENTIFIC AND PROGRAMME COMMITTEE

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Xu Kewei, Xi'an, *University of Science and Arts, China*

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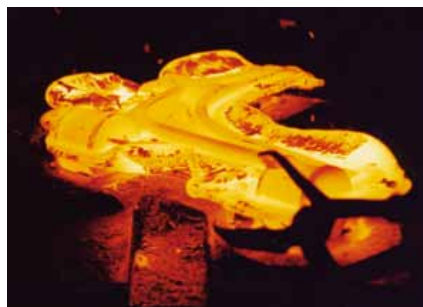
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Michel JEANDIN, *Mines PARITECH, France*

Alain VIOLA, *Groupe SAFRAN, France*

Massimo PELIZARI, *...., Italie*



SCOPE

The conference mainly addresses the following topics, yet other contributions regarding new heat treatment and surface engineering developments are also welcome

- Thermochemical treatment (carburizing, carbonitriding nitriding, nitrocarburizing)
- Surface hardening (induction, laser...)
- Quenching: equipments, quenchants
- Coating technology (PVD, CVD, Thermal Spray, electrolytic and chemical coating, thick coatings by welding technologies)
- Surface modification and thin film deposition
- Mechanical surface enhancement
- Modelling and simulation
- Tribology, friction reduction, wear protection
- Process control
- Vacuum heat treatment, gas or oil quenching
- Brazing (vacuum, induction, mesh belt)
- Additive manufacturing, post heat treatment, post surface treatment
- Atmosphere processing
- Energy saving: equipment, insulating material, managing system
- Reduction of environmental impact, cleaner technology
- Light metals (Al, Ti, Mg) : heat treatment and surface treatment
- Stainless steels : surface treatment and corrosion resistance
- Tool steels: new solutions
- Control of treated products: metallographic investigations

