XXX International Conference on
SURFACE MODIFICATION TECHNOLOGIES

2nd Call for Papers

Milan (Italy)
29 June -1 July, 2016

http://www.smt30.org info@smt30.org

Foreword
The 30th International Conference on Surface Modification Technologies (SMT30) is aimed at fostering research on surface engineering, promoting related international cooperation among scientists and engineers and providing means for the public dissemination of the results from these efforts. SMT30 is intended to cover progress on all aspects of surface modification techniques, from both the macroscopic and microscopic viewpoints. The conference interest includes both industrial materials, e.g., metals, alloys, polymers, ceramics, composites, and advanced materials and processes under development or used in particular applications. The conference brings together users, producers and researchers, both engineers and scientists who have a common interest in various aspects of materials behavior. The objective is to facilitate and encourage the exchange of knowledge and experience among different communities involved in using, improving, developing, assessing and conducting basic and applied research.

Topics of the conference
Additive manufacturing surfaces
Biomedical coatings and surfaces
Characterization of engineered surfaces
Cold and thermal spray
Conversion coatings
Electric and photovoltaic coatings
Electro-and electro less plating
Functional coatings and surfaces
Hard chromium alternatives
High-temperature protection
Hydro-ice- and olo phobic/philic surfaces
Laser and PTA cladding
Laser beam surface modification
Modelling and simulation of coating microstructures
Multifunctional coatings and surfaces
New surface modification techniques
Optical coatings
Residual stresses
Shot peening and mechanical treatments
Sol-gel surface coatings
Severe plastic deformation processes
Thermal barrier coatings
Thermochemical surface engineering
Thin films by PVD, CVD, and ALD
Tribological coatings
Wear/corrosion/oxidation protection
Other subjects related to surface engineering

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Important dates
Submission of abstracts: 31 January 2016
Notification of acceptance: 10th February 2016
Submission of papers: 31st March 2016
Notification of paper acceptance: 20th April 2016
Conference SMT30: June 29th - July 1st, 2016

The Last Supper, by Leonardo Da Vinci
SMT30 will be hosted at Politecnico di Milano (POLIMI, www.polimi.it). POLIMI is ranked as one of the foremost technical universities in Europe and is the largest technical university in Italy. The Campus is well served by public buses, suburban trains and metro lines.

**Milan** is the second largest Italian city, the main industrial, commercial and financial centre of the country, recognized as a major world fashion and design capital. Milan is characterized by its dynamism, creativity and innovation. Milano is also full of historical and cultural monuments and sites: the Cathedral (Duomo), a masterpiece of Gothic Architecture, the Castle, the Opera House “ Alla Scala”, the famous mural painting Last Supper by Leonardo Da Vinci are examples of what Milan offers to visitors. Further info about Milan and the Conference Venue can be found at [www.smt30.org](http://www.smt30.org).

### Conference venue

*Coference venue*

A session focussed on Residual Stresses in Surface Layers focussed on FP7 ISTRESS European Project is announced. People wishing to organize special sessions on defined subjects as well as symposia centred on research projects are invited to contact [secretary@smt30.org](mailto:secretary@smt30.org).

### Abstracts and papers

Abstracts (max 200 words) will be uploaded directly on the website. Instruction on how to prepare paper with templates will be on the [Conference website](http://www.smt30.org) or contacting [info@smt30.org](mailto:info@smt30.org). The Scientific Committee will evaluate the acceptance of abstracts and papers and will decide whether the paper will be presented as oral or poster, also considering the preference of the authors. Full papers will be published on the conference proceedings, published on-line in the conference website, [http://www.smt30.org](http://www.smt30.org).

### Presentation of the papers

**ORAL**: Multimedia projectors and notebooks will be provided in the lecture hall. The presentation should be prepared in MS Power Point or PDF.

**POSTER**: Authors are kindly asked not to exceed the size 800 mm (width) x 1000 mm (height).

**SUBMISSION**: The submission procedure will be published on the SMT30 website, [http://www.smt30.org](http://www.smt30.org).

### Conference fee

**BEFORE 1. 05. 2016:**

- Regular participant: 600 EUR*
- Student: 400 EUR*
- Accompanying person: 230 EUR*

**AFTER 1. 05. 2016:**

- Regular participant: 700 EUR*
- Student: 480 EUR*
- Accompanying person: 230 EUR*

*VAT is not included

Information about the payment of the conference fee (i.e. about bank account and payment card procedure) can be found in the [web pages of the Conference](http://www.smt30.org) or contacting [info@smt30.org](mailto:info@smt30.org).

### Accommodation

Many hotels are available both near the Campus and in the centre of Milan, 15-20 minutes from the campus by Public Transport (Urban Trains and Metro), with special rates for the conference attendees. More information can be found in the website of the conference [http://www.smt30.org](http://www.smt30.org) or contacting [info@smt30.org](mailto:info@smt30.org).

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