



# XXX International Conference on SURFACE MODIFICATION TECHNOLOGIES

## 2<sup>nd</sup> Call for Papers

Milan (Italy)

29 June -1 July, 2016

<http://www.smt30.org>

[info@smt30.org](mailto:info@smt30.org)

### Foreword

The 30<sup>th</sup> 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  
Magnetic coatings  
Electro-and electro less plating  
Functional coatings and surfaces  
Hard chromium alternatives  
High-temperature protection

Hydro-/ice- and oleo 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

### Scientific Committee

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\*Chair, \*\*Co-Chair

### Local Organising Committee

Coordinator: Laura Vergani  
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Flavia Libonati  
Atieh Moridi  
Klara Petrakova  
Barbara Previtali

@mail: [secretary@smt30.org](mailto:secretary@smt30.org)

### Important dates

Submission of abstracts: **31 January 2016**  
Notification of acceptance: **10<sup>th</sup> February 2016**  
Submission of papers: **31<sup>st</sup> March 2016**  
Notification of paper acceptance: **20<sup>th</sup> April 2016**  
**Conference SMT30: June 29<sup>th</sup> - July 1<sup>st</sup>, 2016**



*The Last Supper, by Leonardo Da Vinci*

## Conference venue

**SMT30** will be hosted at **Politecnico di Milano (POLIMI, [www.polimi.it](http://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).



*Politecnico di Milano*



*The Stadium "G. Meazza"*



*A night view of the channel Naviglio*

## Special sessions and symposia

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

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>.

To facilitate the dissemination of the papers, the proceeding will be open-access upon agreement of the authors. Selected papers (up to 100) will be recommended for publication in special issues of the journals **Surface Engineering** (<http://www.maneyonline.com/loi/sur>) and **Materials and Manufacturing Processes** (<http://www.tandfonline.com/loi/lmmp>).

Abstracts (max 200 words) will be uploaded directly on the website. Instruction on how to prepare paper with templates will be on the Web site of the conference. The official language of the conference is English: all documents should be prepared in English.

### 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>).

## Conference fee

### BEFORE 1. 05. 2016:

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

Conference fee for a regular participant includes conference proceedings, book of abstracts, participation on oral and poster sessions, welcome drink, lunches, coffee breaks, technical/cultural visit and conference dinner.

### AFTER 1. 05. 2016:

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

\*VAT is not included

Student conference fee includes conference proceedings, book of abstracts, participation on oral and poster sessions, welcome drink, lunches, coffee breaks, technical/cultural visit.

Accompanying persons fee includes welcome drink, lunches, coffee breaks, excursion, guided visits in Milan, conference dinner.

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>) or contacting [info@smt30.org](mailto:info@smt30.org).

## Supported by

