30th International Conference on Surface Modification Technologies

SMT30

Politecnico di Milano
Milan, Italy - 29th June – 1st July, 2016

Chair: M. Guagliano
Co-chairs: P. Carlone, M. Sebastiani, T.S. Sudarshan

1st Announcement

http://www.smt30.org (under construction)

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
Conversion coatings
Electro-and electroleess plating
Functional coatings
Hard chromium alternatives
High-temperature corrosion protection
Hydro-, ice- and oleophobic/philic surfaces

Laser and PTA cladding
Laser beam surface modification
Modelling and simulation of coating microstructures
Multifunctional coatings
Novel surface modification techniques
Optical electric, photovoltaic and magnetic coatings
Residual stresses in surface layers

Sol-gel surface coating coatings
Surface severe plastic deformation processes
Suspension and solution spraying
Thermal spraying
Thermochemical surface engineering
Thin film by PVD, CVD, and ALD
Tribological surfaces and coatings
Wear protection.

Keep the dates!

Deadline for registration and abstract: 31 January 2016
Notification of acceptance: 10th February 2016
Submission of paper: 31st March 2016
Notification of paper acceptance: 20th April 2016
Conference SMT30: June 29th - July 1st, 2016

The Last Supper, by Leonardo da Vinci
The venue

SMT30 will be hosted at Politecnico di Milano (POLIMI). 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 town, 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. It's a city that creates its own trends: art galleries in bars, concerts in libraries, aperitifs and happy-hours along the channel Naviglio. 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 of Jesus Christ by Leonardo Da Vinci are examples of what Milan offers to visitors.

From Milan is also easy to reach other very fascinating places, rich of culture and art masterpieces: Lake Como, with its botanic gardens and historical villas, and the Alps are less than one hour far. Florence is 1h30’ hours far by using the high-speed trains (Rome is 2h50’ distant) and the wonderful sea area called “5 Terre” can be visited in a one day trip. Milan is one of the most accessible cities in Europe: with 3 international airports (Malpensa, Linate and Orio al Serio) provides direct connections with all the most important European Airports and the many cities in North and South America as well as in Asia and is well served by public transport systems, both urban, suburban and regional.

Conference language

The official language of the Conference is English. All abstracts, papers, presentations and posters must be in English.

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. Full papers will be published on the conference proceedings. Selected papers (in extended version able to meet the condition to be considered original papers) will be recommended for publication in special issues of the journals Surface Engineering and Materials and Manufacturing Processes.

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.

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 website of the conference (see Important dates).

Conference fees

BEFORE 1.05.2016:
Regular participant 650 EUR*
Student 400 EUR*
Accompanying person 200 EUR*

ACCOMPANYING PERSONS FEE INCLUDES WELCOME DRINK, LUNCHES, COFFEE BREAKS, EXCURSION AND CONFERENCE DINNER.

AFTER 1.05.2016:
Regular participant 700 EUR*
Student 450 EUR*
Accompanying person 200 EUR*

*VAT is not included

Other

Information about accommodation, social activities, excursion, visits, conference dinner will be given in the website asap.