

## TOPICS

- Additive manufacturing
- Arts and surfaces
- Biocompatible coatings for medical devices
- Biomimetics
- Characterization of engineered surfaces (optical methods, multi-scale indentation...)
- Dynamic processes
- Functional, conversion and chromogenic coatings
- Influence of surface treatments on fatigue behaviour
- Ion implantation of surfaces
- Laser treatments
- Modelling and simulation of coating microstructures
- Novel surface modification techniques
- Plasma assisted surface treatments
- Powder material
- Residual stresses
- Severe plastic deformation processes
- Surface modification and coatings for tribology
- Surface treatments of fibres in composite materials
- Thermal and cold spray
- Thermochemical surface engineering
- Thin film by PVD, CVD, and ALD

## COMMITTEE - CONGRESS CHAIR

General SMT chairs: **T.S. SUDARSHAN** and **F. DELORO**

SMT34 chair: **M. FILLON**

SMT34 co-chairs: **F. TOUCHARD, C. GARDIN, M. BOUSTIE**

Scientific advisor: **M. JEANDIN**

Local organizing committee: **M. FILLON, F. TOUCHARD, C. GARDIN, M. BERINGHIER, M. BOUSTIE, J. BOUYER, P. JOLLY, N. BRUNETIÈRE**

An international scientific committee will be presented in the next announcement.



## 34<sup>th</sup> International Conference on Surface Modification Technologies Poitiers, Futuroscope, France

## INFORMATION AND CONTACT

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## Email

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## Web site

<http://smt34-2020.sciencesconf.org>

## CONFERENCE VENUE

IFMI building, 1 Avenue Gustave Eiffel,  
86360 Chasseneuil-du-Poitou, FRANCE  
in the Futuroscope area.



April  
13-16  
2021

## SCOPE

The main objective of the conference is to bring together professionals from industry and academia to present and discuss recent advances in the field of Surfaces (modifications, characterization, treatments, corrosion, mechanical properties, coatings and many more). The previous conferences have proven to be excellent opportunities for participants to get an overview of the state-of-the-art of the field and to develop networking interactions.

## CONFERENCE FEES

The conference fees will be 500 € + 20% VAT (regular) or 350 € + 20% VAT (student) and will cover:

- Conference proceedings (Final program, Abstracts and Full papers on USB flash drive)
- Coffee breaks (Tuesday to Friday)
- Welcome reception (Tuesday)
- Poster session, Prometee visit and cocktail (Wednesday)
- Futuroscope visit and conference dinner (Thursday)
- Lunch (Wednesday, Thursday)
- Buffet (Friday)

## LANGUAGE

English is the official language of the Congress and must be used for abstracts, papers and presentations.

## PUBLICATION

Authors can publish their works, by submitting themselves their manuscripts in one of the following recommended journals:

- **Surface engineering**
- **Materials and manufacturing processes**
- **Surface Topography: Metrology and Properties**
- **Mechanics & Industry**
- **Tribology International**

## SMT TRAINING COURSES

(Labex Interactifs ANR-11-LABX-0017-01:  
<http://labex-interactifs.pprime.fr/>)

Training courses will be organized before the **SMT34** by **Labex Interactifs**. A specific and independent registration is requested, as the Training courses cost is not included in the **SMT34** fees.

The courses will focus on:

### 1 - Surface modification for improved fluid solid interactions

First half day: Surface structuration technics  
Second half day: Applications of surface structuration

### 2 - Focused Ion Beam

2 half days of training courses with a limited number of registrations (for this second series only).

## EXHIBITION

Industrial participants wishing to rent a stand for material exhibition are welcome. Please contact the conference secretariat.

## ACCOMODATIONS

Two hotels with 560 rooms are located in the close vicinity of IFMI Building (SMT34) and about 900 rooms within a walking distance of 10 minutes: The Plaza Hotel (265 room), Alteora Hotel (295 rooms).

## ACCESS TO POITIERS AND FUTUROSCOPE

### BY TRAIN

Poitiers is at 90 minutes from Paris by TGV (high speed train) with 2 stations: TGV Station on Futuroscope area and Poitiers railway station from 8 km to Futuroscope. Departures from Montparnasse station (Paris downtown) or from TGV station of Charles de Gaulle Airport (4 links per day – 2:30)

### BY ROAD

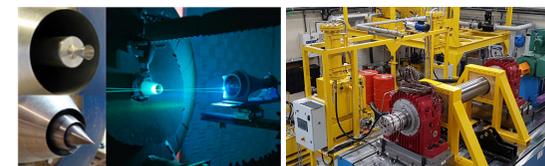
Motorway A10, exit n°28– 200 miles from Paris

### BY PLANE

The airport of Poitiers-Biard is 10 km from Futuroscope and has daily (two flights per day) national connections with Lyon (hub for transfer to European destinations). It has also international links with London (direct 1h flight, one per day).



## PROMETEE VISIT



PROMETEE is a research support technical platform of the PPRIME Institute. Its specific infrastructure in terms of air treatment, sound insulation, cooling, laser metrology, secure access allows the development of original experimental installations requiring rigorous safety conditions (intense noise, high pressure or temperature, explosive atmosphere), safety (confidentiality, ZRR) and environmental protection.

## CONFERENCE DINNER



Since it opened in 1987, the Futuroscope Park has received almost 30 million visitors, making it the second largest attractions

park in France. There are over 20 theme-based attraction areas spread across 60 hectares and a combined hotel capacity of 1,500 rooms throughout the Futuroscope site.

Futuroscope Technology Park is a 200-hectare technology complex a unique site of outstanding regional development, a centre of work and learning for 15,000 employees and researchers combining training centres, laboratories and over 160 businesses.

## KEY DATES

Abstract submission	March 21 <sup>th</sup> 2020
Notification of acceptance	May 25 <sup>th</sup> 2020
Full papers	October 30 <sup>th</sup> 2020

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