

## About the Conference

The **European Mechanics of Materials Conferences (EMMC)** is a series of bi-yearly meetings organized under the auspices of the European Mechanics Society (Euromech), that has taken place over the last 25 years in cities such as Paris, Warsaw, Gothenburg, Brussels, Nantes, Oxford, and Madrid.

The 20th edition, EMMC20, will be held in **Florence (Italy)**, **27<sup>th</sup>-29<sup>th</sup> May 2026**. This is a meeting point for researchers with common interests in mechanics of materials from different perspectives including mechanical engineering, physics, biomechanics, applied mathematics, applied technologies, chemistry, etc.

Contributions will cover research at different length scales including model development and validation, advanced experimental techniques, and computational methods applied to the mechanics of materials.

## Conference Venue

EMMC20 will be held in the 19th-century Villa Vittoria houses *Palazzo dei Congressi*, a historic location for the main national and international events. Built in neo-16th-century style and surrounded by a century-old park, it is directly connected to the Florence S. Maria Novella main train station and is located 10-minute walk to the city center.



## Registration

For details on registration visit the conference website: [emmc20.unifi.it](https://emmc20.unifi.it)

## Accommodation

Plenty of accommodation possibilities are available in Florence. It is suggested to book your accommodation well before the conference dates. Please visit the conference website: [emmc20.unifi.it](https://emmc20.unifi.it)

## Organization



**AIM Group Italy** – Florence

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[emmc20.unifi.it](https://emmc20.unifi.it)



## Conference Symposia

- S1: Mechanical behavior of polymers and biopolymers: theory, simulations and testing
- S2: Mechanics of composites: Experiments and modelling
- S3: Mechanics of metals and crystalline materials: Experiment-modelling synergy
- S4: Mechanics of architected materials: Experiments and modelling
- S5: Mechanics of active materials: from theory to Lab
- S6: Additive manufacturing: challenges and solutions
- S7: Mechanics of soft materials and structures
- S8: Fracture, and damage of materials
- S9: Fatigue evaluation: modelling and characterization at different length scales
- S10: Coupled problems in material mechanics
- S11: Mechanics of biological materials & biomechanics
- S12: Experimental mechanics and microstructural characterization of materials
- S13: Nanomechanics: experiments and modelling
- S14: Mechanics of porous and granular materials
- S15: Size-dependent materials modelling
- S16: Advanced modelling techniques: Time and space scale bridging
- S17: Advanced modelling techniques: Mechanics of interfaces and phase transformations
- S18: Advanced modelling techniques: Data-driven mechanics of materials

## Abstract Submission

Abstract submission starts: September, 2025

Abstract submission deadline: December 21<sup>st</sup>, 2025

Abstract acceptance: February 9<sup>th</sup>, 2026

## Plenary Lectures



**Prof. Julien Yvonnet**

Gustave Eiffel University, France

[Machine learning-based multiscale fracture modelling](#)



**Prof. Maria Teresa Perez Prado**

IMDEA Materials Institute, Spain

[Unlocking the potential of additive manufacturing for \(micro\)structural design](#)



**Prof. Emanuela Bosco**

TU Eindhoven, The Netherlands

[An integrated numerical-experimental approach to predict the degradation of heritage paintings](#)

## Important Dates

Early bird registration deadline: February 22<sup>nd</sup>, 2026

Last registration for presenting authors with accepted abstract: March 15<sup>th</sup>, 2026.

Registration will be opened in September 2025.

## Conference Chairs

Prof. Roberto Brighenti - Univ. of Florence, ITALY

Prof. Marco Paggi - IMT Alti Studi, Lucca, ITALY

Prof. Roberto Paroni - Univ. of Pisa, ITALY

Prof. Antonio De Simone - S. Anna School of Advanced Studies, Pisa, ITALY