



# ECCM20

COMPOSITES MEET SUSTAINABILITY

26-30 JUNE 2022 - LAUSANNE - SWITZERLAND



20<sup>TH</sup> EUROPEAN CONFERENCE ON COMPOSITE MATERIALS

## GENERAL INFORMATION

Organized by



Under the patronage of



Conference Chair

Anastasios P. Vassilopoulos

Conference Co-Chair

Véronique Michaud

Four years after the previous even, the European Conference on Composite Materials celebrates its 20th edition in June 2022 organized by the Ecole Polytechnique Fédérale de Lausanne.

The ECCM brings together participants from academia and industry with common interests in all fields of Composite Materials. This dynamic conference is the European forum for knowledge exchange on the recent accomplishments and the future trends in Composite Materials. ECCM is the regular meeting point for composite specialists and newcomers and is traditionally the place where people meet each other and establish long lasting friendships and collaborations.

The Conference Theme is **"Composites meet Sustainability"**

ECCM20 includes plenary talks, keynote lectures, oral and poster presentations, and an entertaining social program for delegates from around the world. The event layout and schedule will provide many opportunities to network, learn, discuss and share with colleagues from across the world.

ECCM20 is organized for the first time in Switzerland, at the magnificent region of the Swiss Riviera, promising an unforgettable experience.

We are looking forward to welcoming you in Lausanne in 2022

## KEY DATES

**01 June 2021**

Registration open/first announcement

**15 November 2021**

Abstract submission deadline

**1 February 2022**

Author notification for acceptance

**16 March 2022**

Full paper submission

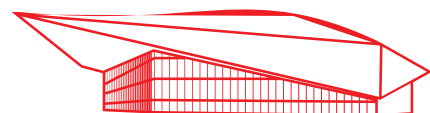
**1 April 2022**

Early bird registration

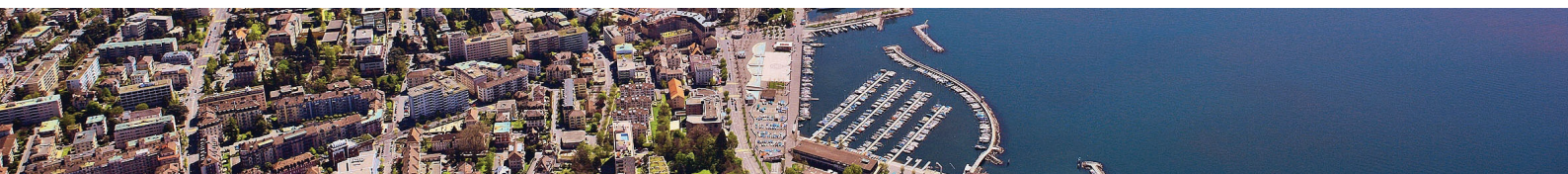
**26-30 June 2022**

ECCM20 @ EPFL

## LOCATION



The ECCM20 will be hosted by EPFL at the Swiss Tech Convention Center ([www.stcc.ch](http://www.stcc.ch)). The SwissTech Convention Center is one of the largest conference centers in the Lake Geneva region, hosting events of international fame. This majestic building is distinguished by its modernity, its innovative technologies and a warm and experienced team.



## LIST OF TOPICS

### Materials and structures

Bio-composites  
Polymers and polymer composites  
Nanocomposites  
Ductile and pseudo-ductile  
Sandwich composites  
Hybrid and metacomposites  
Self healing composites  
Composite/hybrid joints  
Manufacturing  
Additive manufacturing  
Machining  
advanced manufacturing/automation

Forming

Repair

### Characterization

Properties  
Damage tolerance  
Fatigue  
Creep  
Durability  
NDT  
Joints

### Modeling/prediction

Phenomenological  
Multi-physics  
Computational methods  
Continuum damage  
Fracture mechanics  
Optimization  
AI in composite modeling  
Machine learning techniques

### Life cycle performance

Sustainability  
Recycling  
Environmental impact  
Sensing

### Applications

Wind energy  
Automotive  
Aerospace  
Defense  
Other application domains

## LOCAL ORGANIZING COMMITTEE

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