

# JEC WORLD 2019



*Plus d'infos*

## JEC WORLD 2019

THE LEADING INTERNATIONAL COMPOSITES  
SHOW, OPENS GATES FROM 12 TO 14 MARCH  
2019.

Join us on the « COMPOSITES IN ACTION » area

In partnership with the Carnot Network !

Booth D85 - Hall 6

Exchange with our experts on your projects and get ahead with Cetim's tailor-made innovative solutions and the state-of-the-art R&D platforms of the Carnot Network.

### In the spotlight during those 3 days :

Live demonstrations, exhibition of tools and associated parts, conferences, B2B meetings, ... to get the best out of composite !

**Presentation of Cetim's solutions and services focusing on design-to-cost, production and inspection costs reduction, process cycle time improvement, for the automotive, aeronautics, Oil & Gaz, sports and leisure markets :**

- **Smart design solutions :**
  - QSD® software\* and 3D scan for reverse engineering
- **High-speed manufacturing processes :**
  - Award-winning QSP® process - the first high-speed production line for thermoplastic composites
  - SPIDE TP- High-speed filament winding and fiber placement process with laser heating
- **Live demonstrations of innovative solutions to control and ensure quality**
  - Automated infrared thermography testing composite parts
  - Peeling test machine to optimize thermoplastic AFP process parameters in real time
- Dedicated focus on **testing and multimaterial assembly** following Cetim's latest strategic developments in France and abroad.

**Focus on some of the 35 state of the art R&D Platforms of the Carnot Network dedicated to foster enterprises' innovations with composites. Among them :**

- **Cetim's « Composites and Recycling » R&D modular platform** which paves the way for new types of re-use for thermoplastic composites and plastics (Ecotreve) ! Jec Award 2018
- **ONERA's platforms for :**
  - non-destructive testing of composite materials and structures
  - simulation and optimization of composite materials and structures
- **Carnot M.I.N.E.S.'s platforms for :**
  - manufacturing of aeronautical materials and active monitoring (MIMAUSA)
  - advanced manufacturing of polymer composites (POPCOM)

#### **ATTEND OUR TECHNICAL CONFERENCES ...**

**Tuesday, March 12 - 9.55am - 10.20am**

##### **Aeronautics : technologies for the future legacy programs**

*« High rate & low cost thermoplastic aircraft window frame »*  
to register : <https://sched.co/L0fB>

**Tuesday, March 12 - 5.00pm - 5.30pm**

##### **Automotive : solutions for hybrid, fuel cell and electric vehicles**

*« The way to choose the best technology for composites or multimaterial assemblies »*  
to register : <https://sched.co/L0hn>

**Wednesday, March 13 – 05.00pm - 05.30pm**

##### **Simulation: the end of "black metal"**

*« Composite assembly tightened bolted without insert : best rules for design »*  
To register : <https://sched.co/L0ib>

#### **... AND ROUND TABLE**

**Thursday, March 14 – 11:00am - 12:30pm**

*« French Excellence in Composites: A Growing Demand for Advanced Composites »*  
To register : <https://sched.co/JIG1>

*Book a meeting with our expert !*

Looking forward to meeting you on the show !

*\*Developed with ONERA and Altair*