

BETTER DESIGN WITH COMPOSITES



The Ecole Centrale (French Engineering School) of Nantes, Cetim, Onera, Cachan and Jec Group will organize a day Conferences on "Sizing of the Thermoplastic Composites with presence of defects".

Benefit from all the potential offered by Composites to design your parts, thanks to the common laboratory "Comp' Innov", including the CETIM, the GeM in Nantes and the LMT of Cachan.

PROGRAM

9.30 – 10.00 - The market and the trends of the industry of composite materials - *Frédéric Reux, Jec Group*

10.00 – 10.30 - Design multi-materials: the good questions to ask before choosing - *Thierry Gautreau and Etienne Yvain, Cetim*

10.30 – 11.00 – QSD: A tool of technico-economic optimization taking into account the process of forming - *Damien Guillon, Cetim and François-Xavier Irisarri, Onera*

11.00 – 11.30 - **Networking coffee**

11.30 – 12.00 - Scientific challenges on the sizing with consideration of the process - *Emmanuel Baranger, ENS Cachan*

12.00 – 12.30 - Process simulator to identify the defects - *Christophe Binetruy, Centrale Nantes*

12.30 – 14.00 – **Lunch Cocktail**

14.00 – 14.30 - Multifunctional requirements of a motor vehicle and multi-design materials - *Charles Leroux, PSA Peugeot Citroën*

14.30 – 15.00 - Consideration of process capability in the design of the composites parts - *Eric Dupuy, Airbus*

15.00 – 15.30 - **Networking coffee**

PLACE AND DATE :

ENS Cachan (France)

MAY 17, 2017

organized by the Ecole Centrale of
Nantes, Cetim, Onera, ENS Cachan
and JEC Group

YOUR CALLER :

Jec Conférences
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REGISTRATION

Phone : +33 970 821 680
sqr@cetim.fr
or Register online on cetim.fr -
menu News - Events

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15.30 – 16.00 - Simulation of the thermoplastic composites - *Juan Pedro Ramirez, Altair Radioss*

16.00 – 16.30 - LMT Visit:

- Pictures for the characterization of complex parts: demonstration on Bumper Beam Cetim - *R. Fat, start-up Eikosim*
- Illustration of calculation methods and identification in the LMT for the Automotive needs - *O. Friderikos and E. Baranger, LMT*

[Information and registration](#)