

International Congress

“High performance composite materials: from small to large scale production” June 20 & 21, 2018 - Nantes (France)

With the participation of:



Call for papers

Polymer composites have gradually gained ground to make their way into nearly all industrial sectors. In 2017, global market for composites is now worth 74 billion euros and has been growing at around 5% per year for several decades. In 2017, global production of composites will amount to a bit more than 11 million metric tons.

Structural composite materials are being used more and more extensively. Their developments, with the aim of strength, shapes, textures, easy maintenance, energy efficiency and low weight, are growing in **transportation - automotive, aerospace, railway, boating - and renewable energies – wind and tidal turbines.**

However, the greatest challenge for these industries remains:

- To develop and optimize mass production manufacturing processes economically acceptable, especially for the automotive industry,
- To have a better understanding of the behaviour in extreme environment, the durability and the damage/defect tolerance of composite parts,
- To simulate the processing technologies and to develop the product/process simulation chain,
- To enhance non destructive testing and characterization methods,
- To implement innovative multi-material joining technologies.

With the aim to make progress reports in reaching these targets, **SFIP**, in continuity with its two previous congresses – Nantes 2014 and Saint-Avold 2016 – and **CETIM Nantes, IRT Jules Verne Nantes Composites and Technocampus Composites** join forces to organize a new congress dedicated to:

“High performance composite materials: from small to large scale production”

with special focus on :

- New material developments: thermoplastic and thermoset matrices and reinforcements,
- New and innovative production processes,
- Characterization and non-destructive testing for composite parts,
- Design and product innovations,
- Assembly of composite and multi-material parts,
- Modelling and simulation,
- End of life valorisation.

If you are interested in giving a paper, please use the form page 2 to submit your proposal with an abstract on an A4 page maximum (page 3) and send them to us already now, and by January 12, 2018.

<p>Organizing Committee: CETIM Nantes: Christophe CHAMPENOIS SFIP: Alain GIOCOSA, Chantal SOHM GPA : Amaury CORNILLEAU IRT Jules Verne : Céline LARGEAU Technocampus Composites : Jany GUERET, Blandine BARBIER</p>	<p>Scientific Committee: CETIM Nantes : Christophe CHAMPENOIS SFIP: Laurent GERVAT, Alain GIOCOSA GPA : Amaury CORNILLEAU Ecole Centrale Nantes: Christophe BINETRUY IRT Jules Verne: Philippe LE BOT IRT M2P : Maxime KOWALSKI CTIPC: Pascal FRANCESCATO IRT Saint-Exupéry: Stéphane MAHDI ONERA : Jean-François MAIRE IMT Lille DOUAI : Patricia KRAWCZAK</p>
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“High performance composite materials: from small to large scale production”

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Submission form / Call for papers - to be sent by January 12, 2018

Speaker:

Company:

Title: Forename: SURNAME:

Position:

Full address:

Phone: Cell:

E-mail:

Co-speaker **co-author**

Company:

Title: Forename: SURNAME:

Position:

Full address:

Phone: Cell:

E-mail:

Co-speaker **co-author**

Company:

Title: Forename: SURNAME:

Position:

Full address:

Phone: Cell:

E-mail:

Title of paper:

Have you already given this paper? And if so, where and when?

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Useful information:

- 20 minutes will be allocated to each presentation and 5-10 minutes to questions/answers.

- Presentation speaking language: French or English

- **Slides in English** (with maximum one slide dedicated to company presentation and one for portfolio)

Abstract of one A4 page maximum, to be inserted in page 3.

An exhibition will be held during both days:

* We wish to have a booth on site and require information about it: Yes No

* We wish to be sponsor and require information about it: Yes No

Please fill in pages 2 and 3 of this document and send them by January 12, 2018 to:

chantal.sohm@sfip-plastic.org - SFIP – Le Diamant A – F-92909 Paris la Défense Cedex – Tel. +331 46 53 10 74

Attention:

- All companies selected by the organizers undertake to give the paper on the day of the congress.
- Our speakers are invited to the conference days including breaks, lunches and dinner (at their expense: travel and accommodation during the conference)
- In the case of a double presentation (two speakers) of the same company, only one speaker is free of participation fee.

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Title of the paper:

Abstract:

To be sent by January 12, 2018 to: chantal.sohm@sfip-plastic.org
SFIP – Le Diamant A – 92909 Paris la Défense Cedex – Tel. +33 (0)1 46 53 10 74