

CALL FOR PAPERS
INTERNATIONAL CONGRESS
Plastics & Automobile: What's new? What's expected?
June 5 & 6, 2019 – Douai (France)

The **SFIP** – Société Française des Ingénieurs des Plastiques – and the **IMT Lille Douai** (Engineering Academy), in partnership with the **GPA**, Groupement Plastique Automobile, join forces to organize a new edition of this biennial congress devoted to **contributions made by polymer materials to vehicle performance**.

For over 50 years, plastics and automotive industries have fostered a sustained and fruitful collaboration for enabling them to develop automotive products for living up to user expectations and meeting regulatory requirements.

Today, these evolutions are arriving even faster: new environmental and safety requirements, research on increased sustainability and comfort, design of new “clean” engines providing good autonomy, and commercialization of connected, shared and autonomous vehicles, etc. All these new developments must, of course, be compatible with increases in productivity and strict cost control.

In association with the IMT Lille Douai, the SFIP has been accompanying these important changes over many years.

The purpose of this two-day conference is to enable plastics industry players to present their latest innovations and car manufacturers to clearly specify their expectations for the future. Meetings and exchanges will cover the **following 5 main themes**:

1 – Control over pollutants and sound emissions: **Pollutants:** CO₂, particles, nitrogen oxides, fuel and air-conditioning gasses, VOC (for vehicle interiors) ... **Sound emissions:** underbody protection, sound-proofing products, aerodynamic and rolling noises, etc.

2 – Interior comfort for driver and passengers: Dashboards, trims, seats (including structure, textiles and functionalities), acoustics and airtightness regarding the outside of the vehicle (including door and window seals), noises caused by plastic/plastic friction, low conductivity glazings, etc.

3 – Active and passive safety: Airbags, chassis and vehicle structure (including structural bonding), etc.

4 – New and future engines: The increase in temperatures (due to downsizing) for all the parts under the bonnet, batteries, fuel cells, tanks for hybrid vehicles, etc.

5 – Eco-design and recycling: Eco-design, use of recycled and bio-based materials, vehicles' end-of-life, etc.

The following points will be covered for all these themes:

- **New materials,**
- **New manufacturing processes for parts production,**
- **Design modelling (research on the best price/ mass /performance ratio),**
- **Process modelling and virtual engineering numerical tools,**
- **Characterizations: initial state, actual operating conditions, sustainability, quality perceived.**

If you are interested in submitting a paper, please send us an abstract of half a page (one A4 page maximum). Please use the form on pages 2 and 3 to send your proposal already now, but no later than **January 12, 2019**.

Scientific and organizational committee :

SFIP: A. Giocosa, C. Sohm IMT Lille Douai : P. Krawczak, D. Koczorowski	GPA : A. Cornilleau Borealis : C. Salles	PSA Groupe : S. Joly Groupe RENAULT : L. Gervat	Plastic Omnium : JF. Prat
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Submission form / CALL FOR PAPERS
To be sent by January 12, 2019

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 the paper:

Have you presented / given this paper before? And if so, where and when?

Presentation:

- 20 minutes will be allocated for each presentation and 5-10 minutes for questions/answers.
- Presentation 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: Yes No

Please fill in pages 2 and 3 of this document and send them by January 12, 2019 to:
chantal.sohm@sfip-plastic.org
SFIP – Le Diamant A – F-92909 Paris la Défense Cedex – Tel. +33 (0)1 46 53 10 74

Attention:

- All companies selected by the organizers undertake to present 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 conference:

Abstract:

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