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## **JEC World 2018**

March 6-7-8, 2018 PARIS-NORD  
VILLEPINTE

**JEC WORLD**  
**2018** The Leading International  
Composites Show

Join Altair free conference

Thursday March 8 - 10:00am to 12:45pm  
Mezzanine Hall 6 (611)

In partnership with



## **Automotive and transportation: materials and processes**

New materials and processes are pushing the boundaries, helping composites to gain an even firmer foothold in the automotive and transportation sectors. This conference presents some of these, including greater automation, larger series, hybrid solutions, injected parts for technical applications, large series, and recyclability.

Register now

*Early registration: Register now and benefit from a discounted badge*

Chairman



Groupement Plasturgie Automobile (GPA)

Amaury Cornilleau

country:  
*France*

Technical and Business Manager

10:00 AM to 10:25 AM



SGL Kumpers GmbH & Co. KG

Franz-Jürgen Kumpers

country:  
*Germany*

CEO

### **Automated production of >100,000 CF preforms p.a.**

- Project - BMW 7series roof frame preform braid
- Automization measures and engineering challenges
- Outlook: future process and price standards

10:25 AM to 10:50 AM



SABIC (Netherlands)

Dave Brands

country:  
*Netherlands*

Sr. Application Engineering Specialist



SABIC (Netherlands)

Geert-Jan Doggen

country:  
*Netherlands*

Sr. Business Manager

### **Composite hybrid reinforcements in tailgates: a feasible solution for mass production**

- Tailgate
- Weight-reduction
- Thermoplastic composite
- UD-laminates
- Engineering design optimization

10:50 AM to 11:15 AM



## SINTEX NP GROUP

Didier Muller

country:  
*France*

R & D Manager

## **TP and TS by injection for technical applications**

- Injection or compression
- Thermoplastics & thermosets
- Lightweight - high stress - mass market

11:15 AM to 11:30 AM - Networking break

11:30 AM to 11:55 AM



## Mitsui Chemicals Europe GmbH

Christos Karatzias

country:  
*Germany*

Business Development Engineer

## **CF/PP-Tapes as enabler material for large series**

- UD-Tapes with PP modification and new sizing of CF
- Cost-effective solution even though CF is used
- CF/PP-Tapes and LFT-PP in semi-structural parts

11:55 AM to 12:20 PM



Asahi Kasei

Yuichiro Sakamoto

country:

*Japan*

R&D manager

## **Introduction of flame retardant particle foam**

- V-0 certified flame retardant particle foam
- Applications for automotive
- CFRP & SunForce™ hybrid composite

12:20 PM to 12:45 PM



AIMPLAS - TECHNOLOGICAL INSTITUTE OF PLASTICS

Crespo Soler

country:

*Spain*

Senior expert

## **Recyclable multi-material composites**

- MW radiation for composite curing
- Laser joining
- Long fiber thermoplastic composites

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