

# Programme day 1 - October 2, 2018

## Salle Lindbergh

- 8:30 **Welcome**
- 9:00 **Introduction and Key Notes**
- 9:10 **Composites in Aeronautics : trends and expectations**  
Nicolas Van Hille, Research and Technology Manager,  
SONACA S.A
- 9:40 **Virtual engineering can help making composites more affordable  
and more predictable**  
Roger Assaker, CEO, e-Xstream
- 10:10 **Coffee break**
- 10:30 **Title to be confirmed**  
SABCA Speaker (tbc)
- 10:55 **Micromechanics of cross-linked thermosets and application to  
composite multiscale modelling**  
Thomas Pardoën, UNIVERSITÉ CATHOLIQUE DE LOUVAIN
- 11:20 **Perspective and Challenges of Polyethylene Based Carbon Fibres**  
Andreas De Palmenaer, INSTITUT FÜR TEXTILTECHNIK RWTH  
AACHEN UNIVERSITY
- 11:45 **Integration of composite material in low pressure compressor for  
next generation of commercial aircraft engines**  
Damien Verhelst, SAFRAN AERO BOOSTERS
- 12:30 **Sandwich Lunch**
- Pitch sessions**
- 13:30 Basaltex
- 13:45 Coexpair
- 14:00 e-Xstream engineering
- 14:15 Samtech
- 14:30 Sobelcomp
- 14:45 Isomatex
- 15:00 **Coffee break**
- 15:30 **Match making event**
- 17:10
- 18:30 **Conference dinner**



In the afternoon of October 2, 2018, a dedicated parallel session is organised by **BIO4SELF**, a H2020 project aiming at the development of self-reinforced high-performance composites.



## Salle Saint-Exupéry

- 13:30 **BIO4SELF - Project overview**  
Guy Buyle, BIO4SELF coordinator, CENTEXBEL
- 14:00 **High stiffness PLA yarns**  
Lien Van der Schueren, CENTEXBEL
- 14:45 **Textile intermediates (hybrid yarns, fabrics)**  
Thomas Köhler, INSTITUT FÜR TEXTILTECHNIK RWTH AACHEN  
UNIVERSITY
- 15:30 **Production and performance measurement of self-reinforced PLA  
composites**  
Justine Beauson, TECHNICAL UNIVERSITY OF DENMARK
- 16:00 **Applications and market opportunities for fully biobased composites**  
Hans Knudsen, COMFIL (DK)
- 16:45 **Environmental and Economic Evaluation**  
Parva Chhantyal, Steinbeis R-Tech GmbH

# Programme day 2 - October 3, 2018

## Salle Lindbergh

- 8:30      **Welcome**
- 9:00      **Micro-CT-Based analysis of fibre-reinforced composites:  
VOXTEX Software**  
Stepan Lomov, KU LEUVEN
- 9:25      **Bionic bicycle frame made out of carbon fiber sludge**  
Felix Pohlkemper, INSTITUT FÜR TEXTILTECHNIK RWTH  
AACHEN UNIVERSITY
- 9:50      **Polybenzoxazine technology for lightweight and high-  
performance composites**  
Leila Bonnaud, Project leader at MATERIA NOVA and  
Coordinator of INTERREG V - BIOCOMPAL project
- 10:15     **Study of fibre waviness in composite structures supported by  
simulation**  
Michael Bruyneel, Scientific Director, GDTECH Engineering/  
ULIEGE
- 10:40     **Coffee Break**
- 11:00     **Firesafe cementitious composites reinforced with 3D textile  
reinforcement**  
Tine Tysmans, VRIJE UNIVERSITEIT BRUSSEL
- 11:25     **Lignin as a natural resource for carbon fibres**  
Sofie Huysman, Researcher, CENTEXBEL
- 11:50     **Toward the development of composite panels with lightweight  
properties**  
François Cordenier, Project leader, CERTECH
- 12:15     **Integration of material and process modelling for the selection  
and design of polymer reinforced composites**  
Salim Belouettar, Luxemburg Institute of Science and Technology  
(LIST)
- 12:40     **Sandwich Lunch**

13:30      **Transfer with bus to JDC innovation**

14:00

Presentation of the JDC innovation company  
and visit of the production halls

Drink & Networking

15:30      **Transfer with bus to Park Inn Hotel (arrival 15:45)**