

## International Online Event Sustainable Composites Conference - SCC

Thursday, 10<sup>th</sup> November 2022 8:30 AM (CET), virtual CU MixUp.World

### Morning Session

8:30 Login

8:50 Welcome and introduction

9:00 **Keynote - Biocomposites: the past, present and future**  
Barbara GÜTLER, Leibniz-Institut für Verbundwerkstoffe GmbH, Germany

9:30 **Industrial production of sustainable mycelium composites**  
Simon ZEIDLER, Florian DENK, wbk Institute of Production Science, Germany

9:50 **Biobased high performing fibres for advanced lightweight materials**  
Anna WIBERG, CelluXtreme, Sweden

10:10 Coffee break, 20 mins

10:30 **Keynote - Future Sources of Biobased Materials in Composites**  
Stefan SCHLICHTER, Institute for Textile Technologies Augsburg gGmbH, Germany

11:00 **3D formable, resource efficient, fire retardant, lightweight, high-performance composites based on wood**  
Anna SANDINGE, Maxime NOËL, RISE Research Institutes of Sweden

11:20 **Natural fibre composites for automotive: lightweighting and recycling with ampliTex™ and powerRibs™**  
Régis VOILLAT, Bcomp Ltd., Switzerland

11:40 **Development of evaluation technology for recycled carbon fiber**  
Yoshiki SUGIMOTO, National Institute of Advanced Industrial Science and Technology, Japan

11:50 **Thermoplastic compression molding opens up possibilities for the efficient use of inhomogeneous, coarse and mixed sorts of plastic recyclates**  
Lian GIGER, CrossTEQ AG, Switzerland

12:00 **New Carbon Fiber Development for the Future in Japan**  
Toshihira IRISAWA, Gifu University/Gu composite Center, Japan

12:10 Lunch break and networking, 110 mins

## Afternoon Session

- 14:00 **Keynote - Sustainable Composites - Opportunities, Challenges, Further Aspects**  
Andrea HOHMANN, Kerstin ANGERER, Fraunhofer Institute for Casting, Composite and Processing Technology IGCV, Germany
- 14:30 **Opportunities in Bio-Based Polyester Resins**  
Christopher GARDEL, Schill + Seilacher Struktol GmbH, Germany
- 14:50 **Decision-support systems for sustainability of composite structure in SAUBER4.0**  
Ali AL-LAMI, Department of Composite Technology, Institute of Composite Structures and Adaptive Systems  
Tobias REINCKE, Composite Technology Center / CTC GmbH (An Airbus Company), Germany
- 15:10 **EcoFloor – Developing a concept to a more sustainable way to fly**  
Rebecca EMMERICH, Institut für Textiltechnik of RWTH Aachen University, Germany
- 15:20 **Composite AM: Reshaping the Advanced Composites Landscape**  
Yannick WILLEMIN, 9T Labs, Switzerland
- 15:30 **Thermoplastic welding of fibre-reinforced thermoset composites: potential towards more sustainable joining technologies**  
Lucian ZWEIFEL, University of Applied Sciences Northwestern Switzerland
- 15:40 **Structural batteries in electrical road vehicles. When is it a good idea?**  
Frida HERMANSSON, Chalmers University of Technology, Sweden
- 15:50 **Recycled carbon fiber compounds**  
Andrea CASTROVINCI, SUPSI (Scuola universitaria professionale della Svizzera italiana), Switzerland
- 16:00 **Networking and Trade Fair**

## Partner organisations



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