

# Programme

6 May 2021 – morning – CEST

09.00 We open the technology day



**Dr. Norbert Müller**  
ENGEL AUSTRIA



**Dr. Bastian Brenken**  
Composites United e.V.

09.10 New door concepts for future requirements based on thermoplastic composites



**Michael Thienel**  
Brose Fahrzeugteile

09.30 „RegScha” project – Design methods and manufacturing processes for structural parts based on novel natural fiber-reinforced biopolymers



**Michael Begert**  
EDAG Engineering



**Dr.-Ing. Matthias Zschoyge**  
Fraunhofer IMWS

09.50 Future light weight mobility from a material supplier's perspective



**Florian Dorin**  
Covestro Deutschland AG

10.10 **Keynote**  
Composite in Motorsport:  
Tears. Sweat. Emotions.



**Matthias Rawa**  
KTM E-Technologies



**Krispler Jakob**  
KTM E-Technologies

10.30 Automated manufacturing of impact-resistant and high performance bike frames



**Dr. ir. Michaël Callens**  
REIN4CED

10.50 UD-Tape Composite Technology – Demonstrated at a sports product



**Martin Rudolph**  
Svismold

11.10 E-Bikes – Sustainable High Volume Bike Frame Production with Fluidinjection



**Dr. Umut Cakmak**  
Plastic Innovation/  
JKU IPPE

11.30 Advanced Thermoplastic Composites Development towards E-mobility Applications



**Mark Wright Ph.D**  
Solvay

11.50 End of the morning session



**Dr. Norbert Müller**  
ENGEL AUSTRIA



**Dr. Bastian Brenken**  
Composites United e.V.

12.00 Lunch break (virtual buffet)

6 May 2021 – afternoon – CEST

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12.50 We open the afternoon session



**Dr. Norbert Müller**  
ENGEL AUSTRIA



**Dr. Bastian Brenken**  
Composites United e.V.

13.00 Design for Sustainability – practical approach for a TP brake pedal



**Georg Käsmeier**  
Forward Engineering

13.20 Tapeforced injection molded parts – On the fast track with thermoplastic composites



**Paul Zwickhuber**  
ENGEL AUSTRIA

13.40 Overmoulding of Composites: Best of Both Worlds



**Ir. Jos Lobée**  
Brightlands Materials Center

14.00 **Keynote**  
Next Generation Material and Process for Urban Air Mobility



**Rene Adam**  
FACC AG

14.20 High Volume Advanced Composites in Aerospace and Automotive



**Peter Quigley**  
CCP Gransden

14.40 MBSE in Practice, an Aerospace Use Case



**Robert Duy**  
PRIME aerostructures



**Fabian Lesch**  
PRIME aerostructures

15.00 Quality Assurance of Aero-Structures using Machine Learning and Artificial Intelligence



**Dr. Waruna Seneviratne**  
National Institute for Aviation Research/WSU

15.20 Closing Speech



**Dr. Norbert Müller**  
ENGEL AUSTRIA



**Dr. Bastian Brenken**  
Composites United e.V.