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Composites Innovation Event V2

by Composites United & CompositesNL

Advanced Thermoplastic Composite Solutions for Aviation

On May 21/22, 2025, at the CFK Nord Research Center in Stade

Address: Ottenbecker Damm 12
21684 Stade
Germany

Moderation: Bastian Brenken

Join us in Stade in May when Composites United and Composites NL meet for the second time! At the two-day event, we will focus on advanced thermoplastic composite solutions for applications in aerospace – a particular strength of the CompositesNL network and the lightweight design ecosystem in Stade. You can look forward to exciting and innovative presentations as well as facility tours of the players in the Composites Ecosystem (CTC, DLR, Fraunhofer IFAM) in Stade. A highlight will be tour of the Airbus plant Stade on the second day, where the largest flying CFRP part, the upper wing cover of the A350, is manufactured. The event will be rounded up by a nice evening event in Stade with lots of room for networking and exchange between Dutch and German Composite players!

Agenda	Day 1, May 21, 2025, 11:00 am – 05:30 pm plus Evening Event
10:30 am	**Registration, Warm-up with Coffee**
11:00 am	**Welcome** t.b.d., Airbus Stade, Marc Fette, CTC GmbH Joost van den Berg, *Composites NL,* Dr. Bastian Brenken, *Composites United e. V.*
11:15 am	**KEYNOTE: Topic: Demands and technology trends in the field of Thermoplastic Composites from Airbus** Airbus & CTC, t.b.d.
11:45 am	**Development of an Induction Welded Thermoplastic Torsion Box, following the CS25 certification pyramid** Maarten Bach, *KVE Composites Group*
12:05 am	**Thermoplastic Composite Technologies for Aerospace and Liquid Hydrogen Storage** Prof. Dr. habil. David May, *Faserinstitut Bremen*
12:25 pm	**Lunch Break with Networking**
1:30 pm	**TPAC-Cost-effective thermoplastic composites for SMEs** Dr. ir. Ferrie W.J. van Hattum, *ThermoPlastic Composites Application Center - TPAC*
1:50 pm	**Multifunctional Fuselage Demonstrator MFFD – What comes next?** Ralf Herrmann, *Airbus Operations GmbH*
2:10 pm	**Highlights from the project results relating to thermoplastic composites in the Dutch funding programs NXTGEN und Luchtvaart in Transitie** Laura Veldenz, *Airborne*

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2:30 pm	**Digitally Supported Manufacturing and Assembly Strategies for Thermoplastic Aircraft Structures** Prof. Dr.-Ing. Thomas Neumeyer, *Leibniz-Institut für Verbundwerkstoffe GmbH*
2:50 pm	**Coffee with Networking**
3:30 pm	**Facility Tours in the Composites Ecosystem Stade** Visiting the facilities of CTC, DLR & Fraunhofer IFAM
5:30 pm	**End of the tours**
7:00 pm until 10:00 pm	**Evening Event @ Restaurant Die Insel in Stade** Casual dinner & drinks with lots of opportunity for networking. Enjoy a buffet dinner and some nice drinks in a traditional old timber-framed building and get in touch with participants, speakers and hosts! Address: Auf d. Insel 21680 Stade +49 (0)4141 2031 **hello@insel.restaurant** **https://www.insel.restaurant/**

Agenda	**Day 2, May 22, 2025, 8:30 am – 1:00 pm**
8:00 am	**Registration, Warm up with Coffee**
08:30 am	**Welcome** Joost van den Berg, *CompositesNL,* Dr. Bastian Brenken, *Composites United e. V.*
08:40 am	**Overview of our thermoplastic composite developments in recent years** Mr Rien van den Aker, *Van Wees UD & Crossply Technology*
09:00 am	**Topic: Advanced thermoplastic profiles & pipes for aerospace applications, Title t.b.d.** Daniel Barfuss, *herone GmbH*
09:20 am	**Coffee break with Networking**
09:40 am	**Advancing the roadmap for thermoplastic composites** René van der Burg, *Collins Aerospace*
10:00 am	**Topic: Scalable high-rate production of primary and secondary thermoplastic composite structures** Matthias Heinrichs, *Avanco*
10:20 am	**Airbus Stade Facility Tour** Visit the production site of the A350 upper wing cover – the biggest flying CFRP part!
12:50 pm	**Closure: Wrap-up and next steps, Goodbye** Joost van den Berg, *Composites NL,* Dr. Bastian Brenken, *Composites United e. V.*
1:00 pm	**End of Event** Distribution of Lunch Bags for the trip home.