CU Innovation Day

„Industrialized Composite Production of Tomorrow“

Mechanical engineering and system integration across the entire composite value chain

28.+29. September 2026 at **BROETJE-Automation**

Address: Technologiezentrum Varel, Aeropark 1, 26316 Varel

Moderation: Marc Fette, Composites United e. V., Rolf Heusing, Composites United e. V.

This event explores the evolving requirements for mechanical engineering in the composites sector. Experts from across the entire value chain will discuss the tools, technologies, and integrated solutions necessary for efficient, scalable, and end-to-end production—from material preparation to the final product. Driven by the push of the industry for higher industrialization in composite production, technical experts will examine complex process steps and diverse market needs. Our goal is to foster a direct dialogue between manufacturers, engineers, and system integrators to develop holistic, future-proof process chains.

Agenda	Day 1
12:00	**Welcome Snack with Coffee & Networking**
13:00	**Welcome, News from the CU and the day’s objectives** Marc Fette, CU
13:05	**Welcome Broetje-Automation Norbert Steinkemper, Welcome ASA Tim Behrens**
13:10	**Keynote** Lars Fiedler, Airbus/CTC
13:30	**Tooling Strategies for Industrialized Composite Manufacturing – Enabling Closed-Mould Aerospace Production** David Kampenhuber, Alpex
13:50	**Software Tools for High-Efficiency Composite Manufacturing** Marc Loegel, SWMS
14:10	**Optimized process technology using thermosetting matrix materials for the production of high-quality prepregs** Andrea Glawe, Kroenert
14:30	**Wing of the future. A view from a machine tool company…** Manu Motilva Casado, M.Torres
14:50	**Coffee break & Networking**
15:40	**AFP technology** Clementine Gallet, Coriolis
16:00	**From Innovation to Industrialization with the Competencies of the Porsche Werkzeugbau Group** Thomas Recknagel, Porsche Werkzeugbau

AGENDA

16:20	**GRAM: Turning Aerospace Ambition into Industrial Strength** Claude Maack, Gradel
16:40	**From lightweight design to mass production: scalable composite manufacturing from an industrial perspective** Alexander Wiesner, Langzauner
17:00	**How Coexpair developed Industrial Equipment for Process Excellence : SQRTM, RTM & in-situ-TP** André Bertin, Coexpair & Coexpair Dynamics
17:20	**Get Together – Marketplace** Dinner buffet & Networking in the Marketplace environment
21:00	**End of Day 1**

Agenda	Day 2
08:30	**Welcome Coffee**
09:00	**Creating the production system for the next aircraft generation - an integrated approach towards the Factory of the Future** Thorsten Dillhöfer, Broetje-Automation GmbH
09:20	**Enabling High-Rate Aircraft Production through Cross-Industry Automation Expertise and Technology Adoption** Tristan Pfurr, FFT Production Systems
09:40	**Digital Forming Excellence: Comprehensive part tracking and quality documentation** Jens Aspacher, ANDRITZ Schuler
10:00	**Serial UD Tape Laying in Research & Innovation: Accelerating the Path to Industrial Production** Sascha Kilian, Fraunhofer ICT + Jochen Schädel, Dieffenbacher
10:20	**Coffee break**
10:50	**Best Practices of Smart Factory Planning and Ramp-up in Aerospace Industry** Bernhard Lietzmann, Ingenics
11:10	**Industrialized and automated postprocessing for large composite components** Christian Böhlmann, Fraunhofer IFAM
11:30	**FLYING production for FLYING systems – Industrialized production of large hybrid composite parts and assembly groups** Michael Krahl, ANYBRID GmbH
11:50	**Conclusion & Closing Remarks**
12:00	**LUNCH & Networking**

AGENDA

13:00	**Guided tour Airbus Aerostructures Varel or**

Broetje-Automation / Rastede

15:00	**End of Day**

In Zusammenarbeit mit den CU Arbeitsgruppen:
AG Automatisierung | Composites United e.V.
AG Herstellverfahren | Composites United e.V.
AG Künstliche Intelligenz | Composites United e.V.