AGENDA

WG-Meeting „Lightweight Design for Hydrogen Systems”

On September 24, 2024, 1:00 pm – 3:30 pm, Online via CU-MixUp World

Moderation: Dr. Tobias Reincke, CTC
Dr. Joachim Scheller, FFT
Dr. Udo Berthold, COTESA

The CU working group “Lightweight Design for Hydrogen Systems” is one of the most active working groups of the Composites United network. Based on the large interest in the upcoming field of Hydrogen technology, multiple players engage and bring in their ideas and knowhow. Lightweight Design with the use of fiber composites is of paramount importance to enable the Hydrogen technologies as foundation for future energy supply.

After a successful CU-Innovation Day in Munich and Augsburg in 2023 and a fruitful working group meeting in spring 2024, the activities progress with this working group meeting. We want to continue with the discussion to promote further collaboration. Also, you can look forward to three interesting presentations. **Join us and CU Online!**

Agenda	WG-Meeting „Lightweight Design for Hydrogen Systems”, 24.09.2024
12:45 pm	**Login und and Warm up**
1:00 pm	**Welcome and News from Composites United e. V.** Dr. Tobias Reincke, CTC Dr. Joachim Scheller, FFT Dr. Udo Berthold, COTESA Dr. Bastian Brenken, Composites United e. V.
1:10 pm	**Challenges in developing thermoplastic composite hydrogen fuel lines for aerospace applications** Alexander Rohkamm, herone
1:30 pm	**B2B-Speeddating Event in CU MixUp World**
1:50 pm	**Novel NDT (non-destructive testing) technology for inspection of hydrogen tanks** Eskil Skoglund, Dolphitech

2:10 pm	**Group Discussion:**
	- Which topics are still missing and should be targeted by the working group?
	- Where are the interests for joint projects?
	- Planning of the Innovation Day on February 05-06:
	  o What should be the focus topics?
	  o Should a workshop / project development session again be incorporated?

2:30 pm	**Production of load-bearing hydrogen tanks with a length of up to 12 m and a max. diameter of 200 mm** Markus Feller, Fraunhofer Institute for Production Technology IPT
2:50 pm	**Transition to a free networking in the CU-MixUp World** In the various seating areas and networking rooms of the MixUp World, suitable partners can meet to have a more detailed exchange and discuss a potential future collaboration.
3:30 pm	**End of Event**

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Also join our CU Innovation Day “Sustainable Composites for future Applications” at Kordsa on September 25-26, 2024 with an exciting session on hydrogen storage solutions for the mobility sectors:

You can find all information and the registration here:

https://composites-united.com/events/cu-innovation-day-sustainable-composites/