

## SUSTAINABILITY AND RECYCLING OF COMPOSITES

September 29<sup>th</sup>, 2020 | 11:00 – 13:00 (CET)

- 11:00 (CET) Introduction and Welcome**  
Dr. Kai Fischer, Dr. Michael Emonts, AZL
- 11:15 (CET) News Radar**  
Jeff Sloan, Composites World
- 11:20 (CET) Cradle to Gate LCA for Composites Parts**  
**ECO CALCULATOR - LCA Tool for the Composites Industry**  
Jaap van der Woude, Chairman EuCIA WG Sustainability
- 11:50 (CET) Tools and Methods for Comparing the Sustainability of Renewable Composite Materials**  
Dr. rer.nat. Asta Partanen, nova-Institut GmbH
- 12:20 (CET) Research Project "Bio-FML": Mass Production of Sustainable Fibre-Metal Laminates**  
Martin Rieger, AZL
- 12:30 (CET) Unlimited Range: Lightweight meets with Solar Energy**  
Yusuf Can Arslan, Sonnenwagen Aachen e.V.
- 12:40 (CET) Economic and Ecological Evaluation of Production Scenarios to Realize a Sustainable Production**  
Markus Breiing, Conbility GmbH
- 12:50 (CET) Starting AZL Study: Identifying Potentials for Bio-based Composites**  
Philipp Fröhlig, AZL
- 13:00 (CET) Closing Remarks and End**  
Dr. Kai Fischer, Dr. Michael Emonts, AZL

With the series of compact "Lightweight TechTalks" AZL is providing a digital platform for networking and presenting technology and market insights to the international lightweight community.

In this upcoming Lightweight TechTalk 4 speakers will give insights and solutions for using composites sustainably and their recycling options and processes.

More information about your networking opportunities and download of previous talk presentations can be found on the next page.

Register for free for technological insights and networking



Yusuf Can Arslan, Sonnenwagen Aachen e.V.



Martin Rieger, AZL



Markus Breiing, Conbility GmbH



Dr. rer.nat. Asta Partanen, nova-Institut GmbH



Jaap van der Woude, EuCIA WG Sustainability



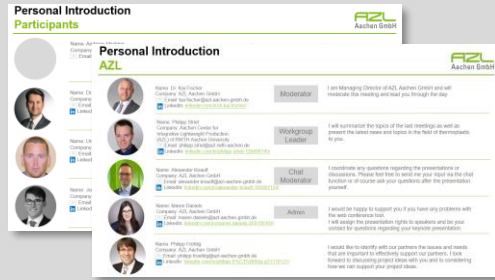
In cooperation with:

## YOUR NETWORKING OPPORTUNITIES

IDENTIFY &  
CONNECT

### PARTICIPANT PROFILES

The participants profile will be distributed prior to the talk and include the specific interest of each participant, their contact details and LinkedIn profile (if provided in the registration form).



EXCHANGE  
DIRECTLY

### PERSONAL CHAT

Please feel free to exchange via personal chat with other participants during the Lightweight TechTalk to match your interest.



NETWORK  
BEYOND

### LINKEDIN COMMUNITY

Join the LinkedIn group on "Sustainability and Recycling of Composites" (<https://www.linkedin.com/groups/8977255/>) to continue to exchange and network beyond this talk.

Click to  
**DOWNLOAD**  
presentations

## Previous Lightweight TechTalks:

### TAPE INTEGRATION INTO INJECTION MOLDED PARTS

+120 Participants, Presentations by: AFPT, Mitsui Chemicals, Polyscope, Simcon and TPRC  
Join LinkedIn community on this topic: <https://www.linkedin.com/groups/8965265/>

### COMPOSITES AND ADDITIVE MANUFACTURING

+180 Participants, Presentations by: Arris Composites, Conbilty GmbH, Orbital Composites and Trelleborg  
Join LinkedIn community on this topic: <https://www.linkedin.com/groups/8960245/>

### DESIGN METHODOLOGY FOR MULTI MATERIAL LIGHTWEIGHT COMPONENTS

+100 Participants, Presentations by: SABIC, Rafinex and MBSE