

Lightweight TechTalk by AZL and IKV

# TAPE INTEGRATION INTO INJECTION MOLDED PARTS

August 13<sup>th</sup>, 2020 | 11:00 – 12:20 (CET)

- 11:00 (CET) Introduction and Welcome**  
Dr. Kai Fischer, AZL
- 11:05 (CET) News Radar**  
Jeff Sloan, Composites World
- 11:10 (CET) Performance Improvement of Injection Molded Parts by the Use of Carbon Fiber UD Tapes**  
René Laschak, Mitsui Chemicals Europe GmbH
- 11:20 (CET) Hybrid Material Combinations in Composites**  
Sem Sals, Polyscope Polymers
- 11:30 (CET) Automated Production of Composite Inlays**  
Arne Büttner, AFPT GmbH
- 11:40 (CET) Ultra-Fast Consolidator – Individualized, Large Series Thermoplastic Tape Placement**  
Alexander Peitz, AZL
- 11:50 (CET) Overmolding of C/PAEK Composites**  
Coen Hartjes, TPRC
- 12:05 (CET) Simulation Aspects of UD Tapes in the Injection Molding Process**  
Harold Kutschera, simcon kunststofftechnische Software GmbH
- 12:15 (CET) Closing Remarks and End**  
Dr. Kai Fischer, 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 material and system experts jointly invited by AZL and IKV will present their technological solutions for bringing thermoplastic tapes in injection molded parts. This talk edition is following up on a completed study with 20 involved companies evaluating the potential and challenges of saving costs through the use of UD tape inserts tapes in injection molding.

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

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AFPT



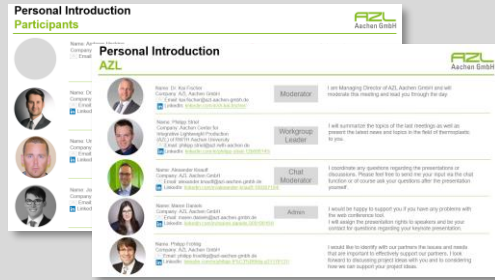
# Lightweight TechTalk

## YOUR NETWORKING OPPORTUNITIES

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### 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 "Tape Integration into Injection Molded Parts" to continue to exchange and network beyond this talk.

<https://www.linkedin.com/groups/8965265/>

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Upcoming  
Lightweight  
TechTalks:

August 28<sup>th</sup>, 2020 | 14:00 (CEST)

**COMPOSITES & SUSTAINABILITY**

September 29<sup>th</sup>, 2020 | 14:00 (CEST)

**RECYCLING OF COMPOSITES**

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presentations

Previous Lightweight TechTalks:

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

**DESIGN METHODOLOGY FOR MULTI MATERIAL  
LIGHTWEIGHT COMPONENTS**

+180 Participants, Presentations by: Arris Composites, Conbility GmbH, Orbital Composites and Trelleborg

**COMPOSITES AND ADDITIVE MANUFACTURING**

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