AZL Workgroup “High-Speed RTM Matrices” 2014-2018

- Development of a Model Material Data Sheet (M-MDS) for RTM
- Set-up of a roadmap of structural thermoset parts
- Launch of Business Platform “High-Speed RTM” (www.high-speed-rtm.com)
- 8 Meetings since 2015
- 5 Public funded projects initiated

AZL Workgroup “Advanced Thermoset Production” since Nov. 2018

- Expansion due to numerous innovations in the field of thermoset processes.
- Future additional processes addressed by the workgroup:
  - All relevant liquid composite molding technologies:
    - RTM, Pultrusion, Filament Winding, Compression Molding, Resin Infusion, AFP/ATL
    - Prepreg technology
Workgroup History

INITIAL WORKGROUP RTM FOUNDED IN 2015
Development of a Model Material Data Sheet (M-MDS) for RTM
Set-up of a roadmap of structural thermoset parts
Initiation of 5 public funded projects
Launch of Business Platform “High-Speed RTM” (www.high-speed-rtm.com)

2018
WORKGROUP MEETINGS
13 Nov
New specification for orientation of the workgroup, data acquisition and branches, application specific preferences, overall topics of an advanced thermoset production

2019
Discussion of advanced Vacuum Assisted Processes, from process simulation, online cure monitoring, inline quality assurance to series application in marine and aerospace. Briefing of the trend of future wind energy
Introduction of various technologies about pultrusion, e.g. in situ consolidated thermoplastic resin, novel polyurethane resin with high Tg and advanced automated production system

2020
01 Apr
UPCOMING ACTIVITIES
visit www.high-speed-rtm.com/dates

Pultrusion, Filament Winding, Compression Molding, Resin Infusion, AFP/ATL
Pregreg Technology

SPEAKERS SINCE 2018

Fabian Köster | Schunk Group
Edze Visscher | LANTOR
Nadine Magura | IKV
Nikos Pantelelis | Synthesites
Prof. Dr. Reinhard Lorenz | FH Münster
Dr. Lars Moser | Hexion
Dr. Liese, Bert Neuhaus | BASF
Virginia Boszak | Arkema
Philipp Zimmermann | KraussMaffei
Prof. Dr. Stefan Schlichter | ITA Augsburg
Markus Kremers | Airborne International
Frédéric Masseria | ESI GmbH
Daniel Fernandez | Composyst GmbH
Dr. J. Kuntz | Premium AEROTEC GmbH
L. Schönfelder | FASSMER GmbH & Co. KG
Prof. Dr. R. Schelenz | Center for Wind Power Drives

VARIOUS PRESENTATIONS ON STATE OF THE ART BY AZL

More than 30 involved AZL Partner Companies

Business Platform “High-Speed RTM”

OTHER AZL BUSINESS PLATFORMS

AZL Business Platforms were built in addition to the r&d activities of AZL workgroups and provide you with details on lightweight technologies: Get focused information on highlight lightweight technologies, find a broad range of service and products along the entire value chain, explore use cases to learn on present realized applications and technology solutions, contact your business partners for your individual lightweight solution.

YOUR CONTACTS AND MORE INFORMATION

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