Advanced Thermoset Production

Agenda | 11th AZL Workgroup Meeting | February 23rd, 2021

Register
for the interactive video conference

AZL AACHEN EXCELLENCE IN LIGHTWEIGHT PRODUCTION PARTNERSHIP

13:00 **Welcome and Introduction**
Dr. Kai Fischer, Aachen Center for integrative Lightweight Production - AZL

13:15 **Market and Technology Screening**
Hao Wang, Aachen Center for integrative Lightweight Production - AZL

13:40 **Fire Protecting Composites – a New Solution, Using Innovative Coatings Technology'**
Trevor Fielding, Finnester Coatings Oy

13:50 **Process Analysis and Modelling to Control Warpage and Surface Waviness**
Niklas Lorenz, Institute for Plastics Processing – IKV
Michael Müller-Pabel, Institute of Air Handling and Refrigeration – ILK Dresden

14:10 **Brief View of Towpreg Applications**
Marcel Remp, Mitsubishi Chemical Carbon Fiber and Composites GmbH

14:25 **Coffee Break**

14:45 **Hypreg - Towpreg Development for Coreless 3D Winding**
Max Schmidt, Institute of Textile Technology at RWTH Aachen University

14:55 **3M™ Nextel™ 610 Towpreg: A Developmental Product for Automated Processing of Ox-OX CMCs**
Stan Fast, 3M

15:15 **Rethink Lightweight Construction - xFK in 3D Process Technology**
Bhargava Chary Ambarepeta, AUTOMOTIVE MANAGEMENT CONSULTING GmbH

15:35 **Discussion**

16:00 **End of Meeting**

Scope of This Meeting:

The current applications and manufacturing technologies of towpreg will be addressed in this meeting, e.g. coreless winding. Ceramic-based towpreg with the production technology, automated fiber placement, will also be introduced. Furthermore, coating for fire resistance, process analysis and modelling to control surface quality will be briefed.

Your Workgroup Managers

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We Are Looking Forward to Technology and Market Insights From:

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Trevor Fielding, Finnester Coatings Oy

Connect:

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AFP Production with Ox-Ox Ceramic Matrix Composites

Stan Fast, 3M

Connect:

Brief View of Towpreg Applications

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