

CONFERENCE | **AK** **FGK** In cooperation with

FLAME RETARDANCY FOR COMPOSITE APPLICATIONS

18/19 NOV 2026 | BERLIN



PROGRAMME



1st day – Wednesday, 18 November 2026

10:30 – 11:00 Come together & Networking

11:00 – 11:15 Welcome and introduction

Material & Process Development

11:15 – 11:45 Advancements in Fire Protection with Continuous Fiber Reinforced Thermoplastics
Dr. Stefan Seidel | Envalior / Bond Laminates

11:45– 12:15 Layered Defense: Structural Strategies for Flame Retardancy in Fibre-Reinforced Composites
Dr.-Ing. Weronika Tabaka | Bundesanstalt für Materialforschung und -prüfung (BAM)

12:15 – 12:45 Graphite Expands Possibilities: Halogen-Free Flame Retardant for Composites in Construction and Mobility
Klaus Rathberger, MD | Georg H. Luh Farben- und Chemikalien Großhandelsges. mbH

12:45 – 14:00 *Lunch Break*

Public Transport

14:00 – 14:30 Composites Repair Kits on Railway Vehicles according to ISO 45545-2
Werner Hemken | Selvida

14:30 – 15:00 Flame Retardancy for Composite Application by SMT
Martin Plettig | Forster SMT

15:00 – 15:30 Halogen-Free Flame Retardants in Composites - Proven Concepts for Improving Fire Performance in the Transportation Industry
Sven Wiemer | Schill+Seilacher "Struktol" GmbH

15:30 – 16:00 *Coffee Break*

Sustainability/Recycling

16:00 – 16:30 New Reactive Flame Retardants for PU-Based Composites
Wael Ali | DTNW gGmbH

16:30 – 17:00 Challenges and Opportunities in Recycling Halogen-Free Flame-Retarded Composites
Frank Schönberger | Fraunhofer LBF

17:00 – 17:30 Flame Retardant Properties of Semi-Consolidated Nonwovens from Recycled Carbon Fibers
Christoph Klemm | Institut für Textiltechnik Augsburg gGmbH

From 19:00 Conference Dinner

Construction/Infrastructure

9:00 – 9:30 Halogen-free infusion resin systems with EN 13501-1 B, s1, d0:
New performance limits of functional FST composites for
construction and industry
Peter Kornas | BÜFA Composite Systems GmbH & Co. KG

Mobility

9:30 – 10:00 Flame-Retardant Thermoplastic Composite Materials for the
Future of Mobility
Christian Braun | Ensinger Composites Schweiz GmbH

10:00 – 10:30 Fiberceramic Reinforced SMC for BEV Battery Covers
Robert Brück & M. Pütz | Polynt GmbH & WPX Faserkeramik
GmbH

10:30 – 11:00 *Coffee Break*

11:00 – 11:30 Release of respirable carbon fibers during the recovery of
burned-out CFRP aircraft wreckage
Prof. Dr. Sebastian Eibl | Wehrwissenschaftliches Institut für
Werk- und Betriebsstoffe WIWeB

Standardization & Testing

11:30 – 12:00 Application-relevant Thermal Runaway Testing with
combined Jet-Flame and Hot Particle Exposure
Ravi Bhairi | AZL Aachen GmbH

12:00 – 12:30 Composites in Aircraft Seating – Challenges due to
Flammability Requirements
Christoph Lahmeyer | RECARO Aircraft Seating GmbH & Co.
KG

12:30 – 13:30 *Final Lunch*