

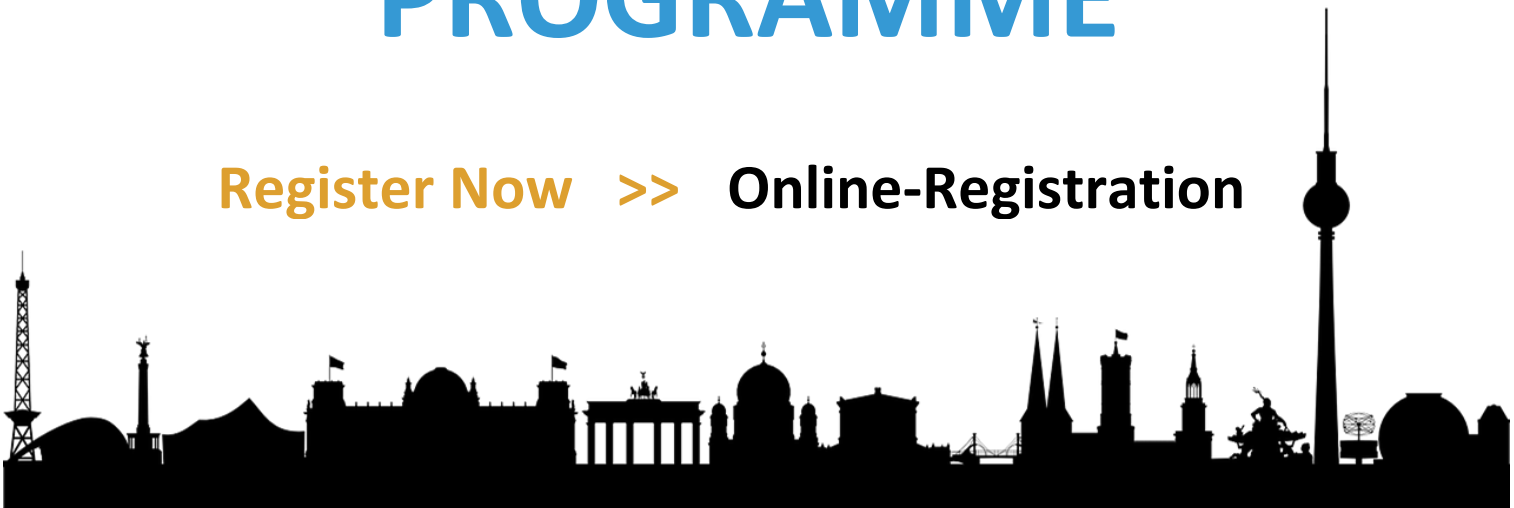
1st Conference – FLAME RETARDANCY FOR COMPOSITE APPLICATIONS IN THE TRANSPORT SECTOR

Berlin, 10-11 May 2023

Hotel abba, Lietzenburger Straße 89

PROGRAMME

[Register Now](#) >> [Online-Registration](#)



1st day – Wednesday 10 May 2023

10:00 – 10:15 Welcome and introduction

Normierung & Standardisierung

10:15 – 10:45 Passive Fire Safety Requirements for Road Vehicles: Status and Trends
Dr. Jürgen Troitzsch - FEPS Fire and Environment Protective Service

10:45 – 11:15 Material Innovations in EV Enclosures - Battery Enclosure Materials Screening Methods
Stefan Winkel - UL Solutions - Engineered Materials

11:15 – 11:45 Coffee break

Public Transportation

11:45 – 12:15 Innovative Fire Retardant Systems for Railway Vehicles
Joe Mardoukh - BÜFA Composite Systems GmbH & Co. KG

12:15 – 12:45 Innovative Composites Technologies for Lightweight Application – LEO Fire Retardant Monolithic and Sandwich Structure Solutions
Moris Adam - Saertex GmbH & Co. KG; Martin Plettig - Forster System-Montage-Technik GmbH

12:45 – 13:15 Flame Retardant Elastomer Composites for Public Transportation: Challenges, Solutions and Perspectives at the Example of Coated Textiles
Dr. Alexander Ungefug, Hübner GmbH & Co. KG; Dr. Roland Klein (Fraunhofer LBF)

13:15 – 14:15 Lunch Break

Automotive

14:15 – 14:45 Flame Protection with Continuous Fiber Reinforced Thermoplastics (CFRTP) for Battery Enclosures
Dr. Stefan Seidel, Bond-Laminates GmbH

14:45 – 15:15 Batterycases: New Requirements - New Opportunities!
Dr. Christoph Ebel, SGL TECHNOLOGIES GmbH

15:15 – 15:45 TIM's Contribution to Thermal Management of Battery Packs
Jan Mair - EFTEC AG

15:45 – 16:15 Coffee Break

16:15 – 16:45 SMC Battery Covers: Fire Protection in Combination with Other Requirements
Michael Polotzki - Menzolit

Aviation

- 16:45 – 17:15 Aircraft Composite Parts: Fire Worthiness Requirements
Ingo Weichert - Airbus Operations GmbH
- 17:15 – 17:45 Material Innovation for Cabin Applications with Modified Technical Polymers
Dr. Dietmar Völkle - Diehl Aviation
- From 19:00 Conference Dinner*

2nd day – Thursday, 11 May 2023

Raw Materials

- 9:00 – 9:30 Flame Retardants for Connectors and Battery Housing in E-Vehicles
Dr. Christian Battenberg, Clariant
- 9:30 – 10:00 Flame Retardants for High Temperature Barriers with Ceramification Effect
Dr. Reiner Sauerwein, Nabaltec AG
- 10:00 – 10:30 Flame Retardant Resin Formulations for Lightweight Applications
Dr. Hauke Lengsfeld - Schill+Seilacher "Struktol" GmbH
- 10.30 – 11:00 Coffee Break*

Research & Science

- 11:00 – 11:30 Translucent and Flame-Retardant Sheet Moulding Compounds – an Application for Nanoscaled Layered Double Hydroxides (LDH)
Dr. Florian Gortner, Leibniz-Institut für Verbundwerkstoffe GmbH
- 11:30 – 12:00 Prevention of Respirable Fiber Formation during Combustion of Carbon Fiber Reinforced Epoxy Resins by Novel Phosphasilazane Flame Retardants
Dr. Lara Greiner – Wehrwissenschaftliches Institut für Werk- und Betriebsstoffe (WIWeB); Dr. Frank Schönberger (Fraunhofer LBF)

Circularity / Recycling

- 12:00 – 12:30 Flame Retardant Biocomposites: Up-and-Coming
Prof. Bernhard Schartel - Bundesanstalt für Materialforschung und –prüfung (BAM)
- 12:30 – 13:00 Flame Retardant CFRP Made from rCF-Nonwoven
Bernhard Leitner (Fraunhofer IGCV)

Participation fees (excl. of VAT)

- **AVK or CU members & FGK members: EUR 995,-**
[plus the value added tax (VAT) at the statutory rate applicable at the time (currently 19 %)]
- **Non members: EUR 1195,-**
[plus the value added tax (VAT) at the statutory rate applicable at the time (currently 19 %)]

Progressive rates for more than 1 company participants:

50% discount for the 2nd, 3rd, 4th etc. participant. To register more than one participant, please send us

an e-mail.: info@avk-tv.de

Special rate for students:

Students (with proof – student ID) get a 50% discount, please email us to register: info@avk-tv.de

ORGANISATION

The attendance fee includes Conference documentation, lunch, drinks during breaks and dinner.

Please note: The overnight stay at the hotel is not included. Please book your hotel room **as soon as possible** (Rooms are available until 28 March). Please follow the link for booking directly at the **Hotel abba Berlin via e-mail or telephone:** reservations-berlin@abbahotels.com or +49 30 887 186 104. Keyword: **AVK**

Conference Hotel:

Hotel abba Berlin

Lietzenburger Str. 89

10719 Berlin

T +49 30 88 71 860

F. +49 30 88 00 78 51

reservations-berlin@abbahotels.com

The rates for the rooms are (breakfast not included + EUR 19,-):

Single room: EUR 145,- (incl. VAT)

Please note: To be sure that you get an accommodation at the Hotel abba Berlin, **please order your hotel as soon as possible**. If you need help, do not hesitate to contact the AVK.

The Conference venue:

abba Berlin hotel is a 4-star hotel that is located in one of the busiest areas of central Berlin and in the most ideal place to discover the city. It is located close to the exclusive commercial area of the Kurfurstendamm avenue, a few minutes walk from the main tourist attractions, such as the Brandenburg Gate, and with excellent communication with the main airports of Schonefeld and Tegel.

Cancellations:

With cancellation up to 2 weeks (until 26th April 2023) before the conference takes place 50% of the participant fee will be charged. After this date we will have to charge the full participation fee. It is possible to nominate a substitute.

Organizer:

AVK-TV GmbH

Contact: Dr. Elmar Witten

Am Hauptbahnhof 10

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AVK -Industrievereinigung Verstärkte Kunststoffe e. V. – Federation of Reinforced Plastics

AVK, the German Federation of Reinforced Plastics, is the professional German association for fiber-reinforced plastics and composites. It represents the interests of manufacturers and processors both in Germany and at the European level. Its range of services includes specialized workgroups, seminars and conferences as well as the provision of market-specific information (www.avk-tv.de).

In Germany, AVK is one of four support organizations of GKV, the General Association of the Plastics Processing Industry. Within Europe, it is a member of the European umbrella association for composites, EuCIA (European Composites Industry Association). AVK is a founding member of Composites Germany.

FGK – Forschungsgesellschaft Kunststoffe e. V.

The goals are:

- Promotion of application-oriented plastics research
- Creation and maintenance of networks along the entire value chain (raw material producers, plastics machinery manufacturers, compounders, plastics processors and users).
- Promotion of education and training as well as innovation promotion and establishment of research and development alliances.

<https://fgkunststoffe.de/>

Registration form

Fax: +49 69 27 10 77 – 10

or mail: info@avk-tv.de

Online-Registration

- I will attend the Fire Retardant Composites Conference.
The presentation language will be English.

Surname, First name _____

Company _____

Division _____

Street _____

Postal code, City _____

Phone, Fax no. _____

E-mail _____

Date, signature _____

VAT-Nr. _____

Member (AVK
FGK or CU) optional _____

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