

SMCCREATE 2023

A JOINT INITIATIVE OF AVK AND SMCBMC



7-8 November 2023
Vienna House Diplomat
Prague,
Czech Republic

Register Now >> **Online-Registration**

PROGRAMME

CONFERENCE – DAY ONE – November, 7th 2023

08:45 – 09:00 Welcome

[AVK & European Alliance for SMC BMC]

Applications

09:00 – 09:30 SMC in Aviation - Aircraft Hybrid Seating Structure

[Sergej Ilinzeer, Fraunhofer ICT]

09:30 – 10:00 SMC - Bike Box for Urban Mobility

[Kai Steinbach, LZS GmbH/Robert Walther & Sebastian Schierack, Mitras Composites]

10:00 – 10:30 Multi-Material Door Project

[Marc Philippe Toitgans, Teijin]

10:30 – 11:00 Coffee Break

11:00 – 11:30 Long-Fibre Reinforced Thermosets in Short-Term Aircraft Applications? - Challenges for the Qualification of SMC Materials

[Jesper Buck, CTC GmbH – An Airbus Company]

11:30 – 12:00 Opportunities of E-Mobility for Thermoset Reinforced Plastics

[Peter Ooms, AVK Expert Task Force “E-Mobility”]

Design

12:00 – 12:30 Advanced Modeling and Simulation of SMC Processes

[Frederic Masseria, ESI Germany GmbH]

12:30 – 13:00 SMC versus Metal: Design, Part Manufacturing and Associated Cost

[Ard-Jan Bruijs, Spartners/Peter Hilzendegen, AOC]

13:00 – 14:00 Lunch Break

14:00 – 14:30 Optimizing SMC Part Design with Material Data Cards: A Game-Changer for Designers

[Zakariya Boufaida, Owens Corning]

Sustainability

14:30 – 15:00 SMC Sustainability - New LCA Models for Assessing Eco-Footprint of SMC Components
[Matthias Harsch, LCS GmbH/Thomas Wegman, AOC]

15:00 – 15:30 Solutions for Sustainability - Path Forward for SMC BMC Raw Materials
[Petra Inghelbrecht, Owens Corning/Thomas Wegman, AOC]

15:30 – 16:00 *Coffee Break*

16:00 – 16:30 Sustainable Thermosets - Opportunities and Challenges for Electrical Products
[Dr. Christoph Keckl, Siemens AG]

16:30 – 17:00 SMC as Sustainable Solution: Study Case FLAMEVEX
[Gregoire Brzozowski/Cédric Defaye, IDI Composites International Europe SAS]

17:00 – 17:30 Out-of-the Box: The Hidden Impact - How You Can Reduce Your Own Eco-Footprint
[Thomas Wegman, AOC]

17:30 – 19:00 *at free disposal*

19:00 *Dinner*

CONFERENCE - DAY TWO – November, 8th 2023

Processes/Procedures

09:00 – 09:30 Easy Deburring of SMC Parts
[Dr. Hans Dieter Storzer, EBG group GmbH]

**09:30 – 10:00 Smart SMC Cutting and Stacking Solutions in Conjunction with Advanced SMC-
Production Lines**
[Raimund Grimm, Dieffenbacher GmbH Maschinen- und Anlagenbau]

10:00 – 10:30 *Coffee Break*

**10:30 – 11:00 Real-Time In-Mold Monitoring and Machine Learning for Adaptive Control of BMC
Processing**
[Dr. Alexander Chaloupka, NETZSCH Process Intelligence]

11:30 – 12:00 Processing Additives for SMC and BMC
[Stephan Remme, BYK-Chemie GmbH]

12:00 – 13:00 *Lunch Break*

13:00 *End of the Conference*

Participation fees (excl. of VAT)

- **AVK members & SMC BMC Alliance members: EUR 995,-**
[plus the value added tax (VAT) at the statutory rate applicable at the time (currently 21%) in Czech Republic]
- **Non members: EUR 1.195,-**
[plus the value added tax (VAT) at the statutory rate applicable at the time (currently 21%) in Czech Republic]

Progressive rates for more than 1 company participants:

50% discount for the 2nd, 3rd, 4th etc. participant.

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**. Please follow the link for booking directly at the **Vienna House Diplomat Prague** – [Link to the reservation](#)

Conference Hotel:

Vienna House Diplomat Prague
Vienna House by Wyndham
Evropska 15, 160 41 Praha 6
Czech Republic

Tel: +420 296 559 111
www.viennahouse.hrg-hotels.com

The rates for the rooms are (breakfast included):

Single room: EUR 90,- (incl. breakfast/VAT + City tax)

Please note: To be sure that you get an accommodation at the Vienna House Diplomat, **please order your hotel by 7 October 2023**. If you need help, do not hesitate to contact the AVK.

The Conference venue:

Located in the diplomatic district, close to the historic center. The timeless and iconic hotel is one of the most popular conference venues and the views over the rooftops alone make a visit worthwhile.

Cancellations:

With cancellation up to 2 weeks (until 23th October 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
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info@avk-tv.de

www.avk-tv.de, <https://www.avk-tv.de/framed.php?iframe=https://www.smc-bmc.info/>

AVK expert task force SMC/BMC

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). The aim of the AVK expert task force SMC/BMC is coordinating procedures regarding SMC and BMC material optimization. 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.

European Alliance for SMC BMC

The European Alliance for SMC BMC is an industry association of European companies involved in the SMC and BMC technology, promoting the benefits of SMC BMC Composite solutions through:

- Connecting key stakeholders in the supply chain
- Providing details on typical end-uses
- Explaining the features and associated benefits
- Making available design information to engineers and designs
- Facilitating the information exchange at selected events

More information about the European Alliance for SMC BMC on <https://smcbmc-europe.org/>.

The European Alliance is an association operating under the umbrella of EuCIA in Brussels, Belgium.

Registration form

Fax: +49 69 27 10 77 – 10
or mail: info@avk-tv.de

Online-Registration

- I will attend the SMCCreate Design 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. _____

Organizer:

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