

SMCCREATE 2022

A JOINT INITIATIVE OF **AK** AND  **SMCBMC**



28-29 June 2022

Hilton Antwerp Old Town, Belgium

PROGRAMME



CONFERENCE – DAY ONE – June, 28th 2022

10:00 – 10:10 **Welcome**

[AVK & European Alliance for SMC/BMC]

Market and Economics

10:10 – 10:30 **Trends and developments in the European composites and SMC/BMC markets**

[Dr. Elmar Witten, AVK]

10:30 – 11:00 **SMC BMC economics: main cost factors for part production from SMC or BMC**

[Michael Polotzki, Menzolit]

Sustainability

11:00 – 11:30 **Design for sustainability: where SMC can make the difference?**

[Thomas Wegman, AOC & Cédric Philoreau, MCR member of STS Group]

11:30 – 12:00 *Coffee Break*

Part Design

12:00 – 12:30 **Design and modelling of sheet moulding compounds- from material cards to part design**

[Zakariya Boufaïda, OCV]

12:30 – 13:00 **Effective SMC component design by structural analysis and flow simulation**

[Lorenz Wruck, CompriseTec]

13:00 – 14:00 *Lunch Break*

14:00 – 14:30 **Alstom technical roadmap for interiors – a way to develop designs, standards and best in class solution**

[Ismael Bavandi, Alstom]

14:30 – 15:00 **Design for manufacture**

[Joachim Froment]

15:00 – 15:30 *Coffee Break*

15:30 – 16:00 Surface modification of SMC components

[Michael Liese, Polynt]

Colouring SMC

16:00 – 16:30 Colouring SMC

[Ron van der Leeuw, Chromaflo Technologies B.V.]

SMC BMC Design Award

16:30 – 17:00 Presentation of the SMC BMC Design Award finalist

CONFERENCE - DAY TWO – June, 29th 2022

Carbon SMC

09:00 – 09:30 Carbon SMC - high performance delivered at industrial scale

[Guillermo Astorqui, Astar]

Mobility & Automotive Applications

09:30 – 10:00 Multi-material solution for future mobility: integration multiple material technologies (incl. battery covers)

[Dr. Kristian Seidel, Teijn Automotive]

10:00 – 10:30 SMC & BMC as a material of the future in the era of green deal implementation strategies in the e-mobility

[Peter Ooms, Lorenz Kunststofftechnik GmbH]

10:30 – 11:00 The SMC a pioneer material for the first evolution from metal to plastic in automotive components for electrification

[Javier Martinez Cue, Batz Group]

11:00 – 11:30 *Coffee Break*

11:30 – 12:00 Advanced phenolic SMC for EV battery enclosure applications

[Dr. Lars Moser, Sigrid ter Heide, Westlake Epoxy]

12:00 – 12:30 Development of a carbon-SMC rear frame for a worldcup downhill mountainbike

[Raphael Setz, Blackwave]

12:30 – 13:00 Discussion

13:00 – 14:00 Lunch Break

14:00 End of the Conference

Organizer:

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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 designers
- 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.