

CONFERENCES & MARKET OVERVIEW

DAY 1

November 29, 2022



 CONFERENCE ROOM

10:15 - 11:45

Market developments

The currently generally difficult situation in the global raw materials and energy markets also affects the composites industry in the DACH region. All market participants in their different areas of application must have the best possible information about trends and developments.

In the «**Market Developments**» session there is an update on the composites production volumes in Europe and the DACH region. The challenging market environment with regard to raw material and energy procurement for composites manufacturers and processors is highlighted. There is also a look into the future with regard to innovative products and applications.

Keynote speaker

10:45 - 11:15

- **Innovations and Future Applications for Composites**



Prof. Klaus Drechsler
Institute Director
Fraunhofer IGCV

Moderator

10:15 - 11:45



Dr. Michael Effing
Chairman
AVK

- **Developments of the Composites Markets in Europe and in the DACH Region**



Dr. Elmar Witten
Managing Director
AVK

10:45 - 11:15

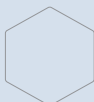
- **A challenging Market Environment: Raw Materials and Energy**



Volker Mathes
Business Development
AVK

11:15 - 11:45

Welcoming speech



Eva Weber
Mayor of the city of Augsburg

11:45 - 12:15

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DAY 1

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AK

 CONFERENCE ROOM

16:30 - 18:00

Sustainability of Composites

Industrial customers and end customers increasingly expect sustainable solutions from composites processors. The products must be evaluated with regard to their ecological impact in all phases of manufacture and use. The criterion of sustainability is becoming more and more decisive for purchases. It is important to develop professional sustainability concepts and to produce sustainable components. The session «**Sustainability of Composites**» shows an example of the efficient large-scale production of sustainable lightweight composites. In addition, examples of sustainable resin systems and application examples for bio-based composites in the sports sector will be shown.

Keynote speaker

16:30 - 17:00

- Efficient high-volume production of sustainable lightweight composites



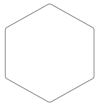
Udo Steinhauer
Director Business Development & Marketing
Profol GmbH

Moderator 16:30 - 18:00



Dr. David May
Junior Research Group Leader TopComposite
Leibniz-Institut für Verbundwerkstoffe GmbH

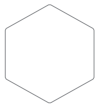
- Challenges in the use of bio-based fiber-plastic composites in sports equipment



Dr. Jörg Kaufmann
Managing Director
Silbaerg GmbH

17:00 - 17:30

- Sustainable composites based on SolidResin Systems



Dr. Marcel Schubiger
Managing Director
Swiss CMG

17:30 - 18:00

CONFERENCES & MARKET OVERVIEW

DAY 2

November 30, 2022

AK

 CONFERENCE ROOM

09:00 - 10:30

Recycling of Composites

There are still no recycling solutions in some application areas for composite components. However, it is precisely this aspect of the life cycle that must be included in a comprehensive, sustainable product assessment. In the «**Composites Recycling**» session, the current status in the DACH region will be presented based on a study commissioned by the AVK. Many existing solutions are not known, with some technically feasible offers, the economic viability still has to be guaranteed. Recycling solutions are often expensive. Using an example, the use of recycled carbon fibers is also shown from the point of view of cost efficiency for lightweight applications in large quantities.

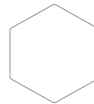
Keynote speaker 09:00 - 09:30

- **Composites Recycling in the DACH region**



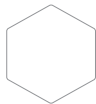
Prof. Hans-Josef Endres
Institute Director
IKK

Moderator 09:00 - 09:30



Prof. Stefan Schlichter
Managing Director
ITA Augsburg

- **Sustainable Cost-efficient Materials for High-Volume Lightweight Applications using Glass Fiber and recycled Carbon Fiber Reinforcements**



Burak Baser
Advanced Composite Development Manager
Mitsubishi Chemical Advanced Materials

09:30 - 10:00

- **Open Challenges of the Circular Economy for the Composites Industry**



Premium Aerotec

10:00 - 10:30

CONFERENCES & MARKET OVERVIEW

DAY 2

November 30, 2022

AK

 CONFERENCE ROOM

15:15 - 16:45

Innovations: Raw Materials, Processes and Applications

Innovations are the key success factor for the composites segment, which is relatively small in the entire plastics industry. The many small and medium-sized companies often succeed in gaining market advantages through innovations. To obtain other materials. As will be shown in the “**Raw Materials, Processes and Applications**” session, innovations can relate to all stages of value creation. Examples of efficient structures without wasting tools and H2 storage systems for mass production are shown.

Keynote speaker

16:15 - 16:45

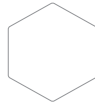
- H2 Storage Systems for High Volume Production



Carolin Cichosz
Head of Design
Development
**Voith Composites SE
& Co. KG**

Moderator

15:15 - 16:45



Yannick Willemin
Head of Marketing & Business
Development
9T Labs

- Fibres & Resins: Development/Trends



Solvay

15:15 - 16:15

- Modular building of large composite structures without the waste from tooling



Tahira Ahmed
Director
Curve Works

15:45 - 16:45