



www.biowerkstoff-kongress.de

Biomaterial Congress 2009

26th and 27th October 2009
Neue Messe Stuttgart

within the framework of the annual congress of the Federation of Reinforced Plastics (AVK) and the trade fair COMPOSITES EUROPE (27.-29.10.2009)

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Biomaterials are materials which are based on agricultural raw materials or timber, either completely or to a relevant proportion. Typical biomaterials are bioplastics, natural fibre composites and wood plastic composites (WPC). Currently, already about 400,000 t per year of these new materials are used in Europe, with an upward trend.

The focuses of the congress are:

- Industries and applications
- Markets: Situation and trends
- Processing procedures and material properties
- Research and Development

Practice oriented for developers, producers, trade and commercial consumers

Call for Papers

Would you like to present new developments, processing methods or products at the Biomaterial Congress? Yes, please! Just send us an E-Mail with title and abstract. Our committee of biomaterial experts, partners and sponsors as well as staff at the nova-Institut will select the presentations.

Please send your contribution to Dominik Vogt by the end of May. (dominik.vogt@nova-institut.de)

Innovative biomaterials

Biomaterials are materials which are based on agricultural raw materials or timber, either completely or to a relevant proportion. Typical renewable raw materials are starch, sugar, vegetable oils and cellulose (timber, natural fibres, straw) and special bio-molecules such as lignin or natural rubber. The proportion of these agricultural raw materials in the material should be at least 20%.

Examples for biomaterials or biobased products include biodegradable and durable bioplastics, various natural fibre composites and wood polymer composites (WPC).

In contrast to traditional biomaterials such as particle boards or plywood, "novel" or "innovative" biomaterials are often converted by modern plastic processing procedures such as injection moulding, extrusion or deep drawing.

Currently, already about 400,000 t per year of these new materials are used in Europe, with an upward trend. This growth has several reasons: Apart from ecological advantages (less emission of CO₂), biomaterials reduce the dependence on mineral oil by diversification of the raw materials. In addition, today's biomaterials are sufficiently developed and established in niche applications to convince simply with their property profile and to offer the best material solution for a specific application. The significance of Industrial Biotechnology for the production of biomaterials is growing.

Biomaterial Congress 2009

After the first Biomaterial Congress in the Maritim Hotel, Cologne (Germany) in December 2008 has met with excellent approval, the Biomaterial Congress 2009 will take place at the New Stuttgart Trade Fair Centre in the course of the annual congress of the Federation of Reinforced Plastics (AVK) and the trade fair COMPOSITES EUROPE. This connection is particularly attractive as this enables material experts, developers, producers and users of different industries to meet and discuss at the events, during breaks and - above all - at the joint evening event.

At the Biomaterial Congress 2009, the latest developments of materials and products are presented and discussed. Applications include the automotive, building, consumer goods and packaging industries.

Business Directory for Innovative Biomaterials (BIB²⁰¹⁰)



BIB²⁰¹⁰ – book now!

Would you like to see you and your company featured in the upcoming edition of the Business Directory in 2009? Please confirm this using the booking forms provided at www.biowerkstoff.info

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www.innovative-biomaterials.info

Registration and further information (program, arrival etc.) at:
www.biowerkstoff-kongress.de

Entrance fee

Congress incl. catering 400 € plus VAT. A permanent ticket (27th and 29th October 2009) for the trade fair COMPOSITES EUROPE is also included.

Tip: The registration for the annual congress of the Federation of Reinforced Plastics (AVK, www.avk-tv.de) includes the entrance fee of the Biomaterial Congress.

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