

Exhibition

Exhibitors include among others:

- _____ acad prototyping OHG, Heilsbronn
- _____ Analytik Service Obernburg, Mainsite GmbH & Co. KG, Obernburg
- _____ AUNDE Achter & Ebels GmbH, Mönchengladbach
- _____ Bayern Innovativ GmbH, Nuremberg
- _____ Carl Baasel Lasertechnik GmbH & Co.KG/ROFIN, Starnberg
- _____ Creaform, Lévis, Quebec (CDN)
- _____ Crosslink Faserverbundtechnik GmbH & Co.KG, Cadolzburg
- _____ CTT Group, Center for Textile Technology, Saint-Hyacinthe, Quebec (CDN)
- _____ D' Appolonia S.p.A., Genua (Italy)/ EU-Projekt INNO-vention
- _____ Die Wethje GmbH Kunststofftechnik, Hengersberg
- _____ duramotive GmbH, Großenlütder
- _____ Hufschmied Zerspanungssysteme GmbH, Bobingen
- _____ imat-uve GmbH, Mönchengladbach
- _____ Intier Automotive Eybl (Germany) GmbH, Munich
- _____ JB Martin Ltée, Saint-Jean-sur-Richelieu, Quebec (CDN)
- _____ Kunststoff Helmbrechts AG, Helmbrechts
- _____ LfA Förderbank Bayern, Munich
- _____ Moldflow Vertriebs-GmbH, Munich
- _____ Parat Automotive Schönenbach GmbH & Co. KG, Neureichenau
- _____ phoenix/x-ray Systems + Services GmbH, Grasbrunn
- _____ PTS Plastic-Technologie-Service Marketing und Vertriebs GmbH, Adelschhofen
- _____ RWTH Aachen, Institut für Kunststoffverarbeitung, Aachen
- _____ SGS Institut Fresenius GmbH, Taunusstein
- _____ TECHTEX GmbH Vliesstoffe, Mittweida
- _____ The Special Vehicle and Transportation Equipment Association AMETVS, Drummondville, Quebec (CDN)
- _____ Thüringisches Institut für Textil- und Kunststoff-Forschung e.V. TITK, Rudolstadt-Schwarzra
- _____ TWE Dierdorf GmbH & Co. KG, Dierdorf
- _____ WILDEN AG, Regensburg
- _____ Wilisch & Sohn GmbH Kunststoffwerk, Ansbach
- _____ Zwick GmbH & Co. KG, Ulm

General Information

Overall Coordination

Bayern Innovativ GmbH
Gewerbemuseumsplatz 2
D-90403 Nuremberg
Tel.: +49 (0)911/2 06 71 - 168
Fax: +49 (0)911/2 06 71 - 766
E-Mail: textil@bayern-innovativ.de
www.bayern-innovativ.de

Venue

BMW Group FIZ Projekthaus
Knorrstrasse 147, D-80937 Munich

Evening Event

**Tuesday, 21 November 2006,
19.00 – 22.00**
BMW Markenschaufenster (Pavillon),
Lenbachplatz 7a, D-80333 Munich

Conference Time

**Wednesday, 22 November 2006
09.30 – 17.45, Sessions
08.30 – 19.00, Exhibition**

Registration

Please fax the enclosed reply to:
+49 (0) 911/20671-766
(You can also find detailed information at:
www.bayern-innovativ.de/polymere2006)

Closing Date for Registration

10 November 2006

Registration Fee

Incl. seminar documents, lunch, refreshments
and evening event

Industry: **€ 350,- plus 16% VAT**

Academic institutions, research institutes and public
authorities: **€ 190,- plus 16% VAT**

Students: **€ 25,- plus 16% VAT**

Registration Conditions

On receipt of your registration, confirmation will
be sent to the email address given. An invoice will
be sent via post to the given address unless otherwise
stated. Cancellations received before November
10, 2006, are exempt from charges.
For later cancellations and for non-attendance,
the full amount will be incurred. Substitution of
participants is possible according to prior agreement.

Location



Parking

Parking is available in the BMW Group FIZ parking
garage.

Bayern  Innovativ

Allianz
Bayern
Innovativ
Cluster-Offensive



Congress

Polymers in Automobiles

Textiles – Plastics – Composites

BMW Group FIZ Projekthaus
Munich
22 November 2006



VTB



Québec 



Welcome



The automotive industry is one of the most important industrial branches in Bavaria with more than 180,000 employees and an annual turnover of € 71.2 Billion, holding an export share of 61.5%.

The automotive industry stands for excellence, efficiency and quality but most of all for cutting edge innovation. One of the most important drivers of innovation is the new materials sector – metals, ceramics, glass and polymers in particular with their upcoming diversity. These polymers offer within technical textiles, plastics and composites manifold opportunities for entirely new developments.

Unique designs, novel surfaces with improved haptic and optical attributes open up new levels of comfort and highly appealing quality. High material resistance combined with low weight, innovative seat construction using new plastics or the integration of electronics in textiles lead to new functional applications.

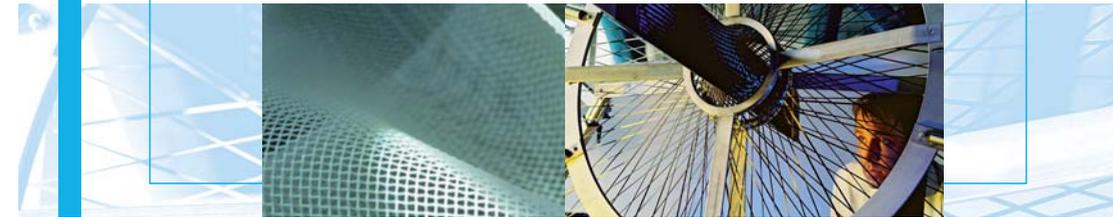
These perspectives for innovation with a view to the increasing individualisation of vehicles demands collaboration between polymer chemistry, material experts, machine manufacturers, fabricators and users.

The Cluster Initiative "Allianz Bayern Innovativ" from the Bavarian Government will strengthen networking of the companies and institutes. Bayern Innovativ GmbH will manage the Automotive and New Materials clusters.

Functionality & Technology

Chair:

Prof. Dr.-Ing. Horst E. Friedrich
Institute of Vehicle Concepts, DLR, Stuttgart



14.15 – 14.40	Composites in Automobiles - Challenges and Limitations Dr. Thomas Schuh Senior Manager Polymer Technology, DaimlerChrysler AG, Sindelfingen
14.40 – 15.05	Chances for Carbon Fibre Reinforced Plastic in Automobile and Aircraft Construction by Integrated Manufacturing Technology Prof. Dr.-Ing. Klaus Drechsler Institute for Aircraft Design, University of Stuttgart
15.05 – 15.30	Potentials of Lightweight Construction in Underbody Applications Dr. Egon Moos Research & Development, Röchling Automotive AG & Co. KG, Worms
15.30 - 16.00	Coffee Break in the Exhibition
16.00 – 16.25	Innovative Materials out of Renewable Resources for Interior Applications – Series Production and Future Trends Klaus Philipp Manager Prototype and Technology Center, Polytec Automotive GmbH & Co. KG, Geretsried
16.25 – 16.50	New Textiles with Electrotechnical Functions – Textile Data Transmission and Current Transport, Textile Heating and Sensor Technology Adi Parzl CEO, Rent a scientist GmbH, Regensburg Harald Merk Head of Innovation, W. Zimmermann GmbH & Co. KG, Weiler-Simmerberg
17.00 – 17.30	ISS – Space for Research Dr. Reinhold Ewald ESA Astronaut and ESA ISS Flight Operations Manager, ESA Columbus Control Centre, Oberpfaffenhofen
17.30 – 17.45	Closing Remarks BMW Group, Munich
From 17.45	Get Together in the Exhibition

Fax Reply

Bayern Innovativ GmbH

Fax: +49 (0)911-2 06 71-766

- Registration for the Congress „Polymers in Automobiles“ on 22 November 2006 in Munich. Please register before 10 November 2006, using a separate form for each person. For registration fee see general information.

I will participate in the following sessions:

- Value & Emotion** **Functionality & Technology**

- I will attend the **Evening Event** on 21 November 2006.

Please send the registration confirmation and invoice to:
(Please print clearly)

Title, First Name, Surname

Company / Institution

Department / Position

Street, Address

Country, Zip Code, Town

Telephone, Fax

E-Mail

Date, Signature

- Industry University Member / Public Authorities
 Student (Proof of status required)

Parallel Sessions

Value & Emotion

Chair:

Prof. Dr.-Ing. Ernst Schmachtenberg

Institute of Polymer Technology, FAU University of Erlangen-Nürnberg, Erlangen



14.15 – 14.40 Successful Products by Innovative Design

Michael Lanz

Director Color & Material Design, designafairs GmbH, Munich

14.40 – 15.05 Requirements and Future Trends of High Tech Textiles

Markus Schmitz

Managing Director, Tuchfabrik Willy Schmitz GmbH & Co. KG, Mönchengladbach

15.05 – 15.30 High-Value Skins by New Technologies in Plastic Production

Dr. Erwin Bürkle

Manager Research and Development, Krauss-Maffei Kunststofftechnik GmbH, Munich

15.30 - 16.00 Coffee Break in the Exhibition

16.00 – 16.25 Nanofibre Filter Materials for Sustainable Climate Improvement in Car Interiors

Dr. Marcus Seitz

Research and Development, helsa-automotive GmbH & Co. KG, Gefrees

16.25 – 16.50 Perspectives of Polymer Electronics in Automobiles

Dr. Karlheinz Bock

Head of Department Polytronic Systems, Fraunhofer Institute for Reliability and Microintegration IZM, Munich

17.00 – 17.30 ISS – Space for Research

Dr. Reinhold Ewald

ESA Astronaut and ESA ISS Flight Operations Manager, ESA Columbus Control Centre, Oberpfaffenhofen

17.30 – 17.45 Closing Remarks

BMW Group, Munich

From 17.45 Get Together in the Exhibition



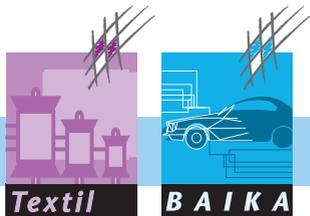
With this in mind, Bayern Innovativ GmbH is planning and organising the international congress “Polymers in Automobiles” which focuses on textiles, plastics, composites. In addition the BAIKA network brings international access for example to its partners in Quebec. The congress is backed by the Association of the Bavarian Textile and Clothing Industry, the Special Vehicle and Transportation Equipment Association Quebec (AMETVS), the VDMA German Engineering Federation and is supported by the Bavarian State Ministry of Economic Affairs, Infrastructure, Transport and Technology.

Experts from industry and science will report the latest developments for attractive quality and multifunctionality in automobiles based on polymer materials and will outline trends and potentials for future innovations.

The accompanying exhibition supports the transfer of ideas and experiences as well as the initiation of new cooperations for the next generation of innovative polymers in automobiles.

I wish the congress much success and cordially invite all interested parties to participate.

*Erwin Huber,
Bavarian State Minister of Economic Affairs, Infrastructure, Transport and Technology*



Congress Polymers in Automobiles

From 08.30 Registration, Visit of the Exhibition

Plenary Session



Evening Event, 21 November 2006

BMW Markenschau
Lenbachplatz 7a, D-80333 Munich

Reception from 19.00



09.30 – 09.40 Welcome and Introduction

Bayern Innovativ GmbH, Nuremberg
BMW Group, Munich

09.40 – 09.50 Welcome Addresses

Dr. Christian Heinrich Sandler

President, Association of the Bavarian Textile and Clothing Industry, Munich

Gilles Gravel

President and CEO, AMETVS, Drummondville, Canada

09.50 – 10.20 "Allianz Bayern Innovativ" – Networking of Industry and Science for Creating Value

Erwin Huber

Bavarian State Minister of Economic Affairs, Infrastructure, Transport and Technology, Munich

10.20 – 10.45 Plastics and Composites – Requirements and Future Trends

Dr. Rudolf Stauber

Vice President Operating Strength and Materials Development, BMW Group, Munich

10.45 – 11.10 Textile Trends in Automotive Design

Kirsten Schönharting

Managing Director, Strähle + Hess GmbH & Co. KG, Althengstett

11.10 – 11.35 Innovation Pipeline Polymers in Automobiles

Prof. Dr. Volker Warzelhan

Senior Vice President, Global Polymer Research – Thermoplastics, BASF AG, Ludwigshafen

11.35 – 12.00 High Tech Weaving and Customized Development

Nicolas Juillard

President, J.B. Martin Ltée, St-Jean-sur-Richelieu, Quebec/Canada

Michael Loney

Vice President, J.B. Martin Ltée, St-Jean-sur-Richelieu, Quebec/Canada

12.00 – 12.25 Networks and Clusters – Dynamics in Innovation and Creating Value

Prof. Dr. Josef Nassauer

CEO, Bayern Innovativ GmbH, Nuremberg

12.30 – 14.15 Visit of the Exhibition

13.00 – 14.15 Lunch