



## Accompanying Exhibition

Companies and institutes present latest developments and technologies in:

- fiber development
- surface technologies
- finishing technologies
- nanotechnology
- textile machinery
- technical/functional textiles
- textiles structures
- composite materials
- membrane technology
- measuring and testing technologies
- light weight structures
- filtration
- protective clothing
- workwear
- object protection
- hygiene and medical textiles
- Smart Textiles/Wearable Electronics

The following exhibitors have already registered:

- Application Lab Weber & Leucht, Fulda
- Analytik Service Obernburg, Obernburg
- Bayern Innovativ GmbH/Netzwerk Textile Innovation/Cluster Neue Werkstoffe, Nuremberg
- BINAMED Moll GmbH, Bayreuth
- Dr. Karl Wetekam + Co. KG, Melsungen
- Hohenstein Institute, Bönningheim
- Institut für Textilchemie und Chemie-fasern, Denkendorf
- Kärcher Futuretech GmbH, Winnenden
- Künzel awt GmbH, Münchberg
- LfA Förderbank Bayern, Munich
- lifetextsafety GmbH, Gefrees
- Mahlo GmbH & Co. KG, Saal/Donau
- OfraTex, Bayreuth
- Schoeller the spinning group, Bregenz, A
- Sächsisches Textilforschungsinstitut e. V., Chemnitz
- Textilforschungsinstitut Thüringen-Vogtland e. V., Greiz
- THEODOLF FRITSCHKE GmbH & Co. KG Techn. Textilien, Helmbrechts
- Thüringisches Institut für Textil- und Kunststoff-Forschung e. V., Rudolstadt
- update texware GmbH, Kulmbach
- UVEX Arbeitsschutz GmbH, Fürth

Application deadline for the exhibition: September 15, 2010

Application forms are available: [www.bayern-innovativ.de/textil2010en/exhibition](http://www.bayern-innovativ.de/textil2010en/exhibition)

## Partners



## General Information

[www.bayern-innovativ.de/textil2010](http://www.bayern-innovativ.de/textil2010)

### Venue

Congress Center at the Castle  
Schlossplatz 1  
63739 Aschaffenburg, Germany

### Conference Time

Thursday, October 7, 2010  
09:00 – 17:00, Sessions  
08:00 – 18:00, Exhibition

### Congress Language

German and English Sessions will be simultaneously translated

### Registration

Via online shop:

[www.bayern-innovativ-shop.de/textil2010](http://www.bayern-innovativ-shop.de/textil2010)

via fax reply to: +49 911-20671-733

### Closing Date for Registration September 30, 2010

### Registration Fee

Incl. seminar documents, refreshments and supporting programme	€ 280,-
Industry	€ 200,-
Members of Forum MedTech Pharma e.V.	
Representatives of academic institutions and public authorities	€ 180,-
Students	€ 40,-

Charges do not include 19 % VAT.

### Registration Conditions

On receipt of your registration, confirmation will be sent to the e-mail address given. An invoice will be sent via post to the given address unless otherwise stated. Cancellations received before September 30, 2010 are exempt from charges. For later cancellations and for not-attendance, the full amount will be incurred. Substitution of participants is possible according to prior agreement. Programme is subject to change.

### Accommodation

Please contact the tourist information Aschaffenburg. Phone: +49 6021-395800, E-Mail: [tourist@info-aschaffenburg.de](mailto:tourist@info-aschaffenburg.de), [www.info-aschaffenburg.de](http://www.info-aschaffenburg.de)

### Location [www.media.info-aschaffenburg.de/Wegbeschreibung\\_Uebersicht.pdf](http://www.media.info-aschaffenburg.de/Wegbeschreibung_Uebersicht.pdf)

### Parking

Parking space is available in the parking garage of the Congress Center Aschaffenburg (with costs)

### Overall Coordination

Bayern Innovativ GmbH  
Gewerbemuseumsplatz 2  
90403 Nuremberg, Germany  
Phone: +49 911-20671-187  
Fax: +49 911-20671-733  
[www.bayern-innovativ.de](http://www.bayern-innovativ.de)

### Preceding Programme

#### Wednesday, October 6, 2010

15:00 – 18:00, Excursion  
Industry Center Obernburg  
63784 Obernburg, Germany

#### 19:00 – 22:00, Evening Event

Castle Johannisburg  
Schlossplatz 4, 63739 Aschaffenburg

Conception:  
[c.nassauer@bayern-innovativ.de](mailto:c.nassauer@bayern-innovativ.de)

Organisation:  
[leuner@bayern-innovativ.de](mailto:leuner@bayern-innovativ.de)

Bayern  Innovativ



International Congress and Exhibition

# Textil Innovativ

Safety – Comfort – Multifunctionality



Congress Center Aschaffenburg  
October 7, 2010



Photos: Bayern Innovativ/Thomas Geiger, Fotolia/Angelo Giamone/ag visuell/VAVA, imagepoint.biz, Industrie Center Obernburg, Stadt: Aschaffenburg, TITV Greiz, Trans-Textil

# Invitation



Prof. Dr. Josef Nassauer  
Chief Executive of  
Bayern Innovativ GmbH  
Nuremberg



Dr. Christian Heinrich Sandler  
President of the Bavarian  
Association of the Textile  
and Clothing Industry  
Munich

Technical textiles presently have a share of more than 50 percent of the entire textile production in Germany, and the trend is continuing to grow.

Their multifunctionality qualifies them to meet special requirements such as protection against impact, heat, chemicals or contamination. These textiles provide safety and comfort and open up a multitude of applications in automotive and sports, in protective clothing or the medical sector.

'Protective Textiles' are therefore an innovation market that has continued to grow significantly for years. For this reason these textiles are one of the six sectors of the lead market initiative of the European Commission.

There is still huge potential for further development – including polymer chemistry and fiber technology, textile production and finishing, nanotechnology, layer assembling and integration of electronics.

With this in mind Bayern Innovativ GmbH conceives and organizes the international congress 'Textil Innovativ' focusing on safety, comfort and multifunctionality. It is conducted in cooperation with the Bavarian Association of the Textile and Clothing Industry and with special support from the Bavarian Ministry of Economic Affairs, Infrastructure, Transport and Technology.

Experts from industry and science present latest developments and future trends in technologies and applications. This includes safety features in the automobile, e.g. standards for textiles used for passenger protection, as well as protective clothing for rescue forces and staff, smart textiles with integrated electronics for monitoring body functions or textiles for hygiene and health protection, e.g. against bacterial contamination.

The congress is the ideal platform for scientists, manufacturers and users of textiles to gain and share first hand information.

The accompanying exhibition provides the opportunity to initiate new cooperations for tomorrow's innovations.

We are looking forward to welcoming you in Aschaffenburg.

A handwritten signature in blue ink that reads "Josef Nassauer".

Prof. Dr. Josef Nassauer

A handwritten signature in blue ink that reads "Christian Heinrich Sandler".

Dr. Christian Heinrich Sandler



## Preceding Programme, October 6, 2010

### Excursion to the Industry Center Obernburg

**15:00 – 18:00** Visit of the companies: **Cordenka GmbH, Polyamide/Polyester High Performance GmbH, Analytik Service Obernburg**

**Industry Center Obernburg** – was founded as a production site for rayons in 1924. Today, Industry Center Obernburg is an innovative site with ultramodern production lines for different branches. 30 companies employ more than 3000 employees.

**Cordenka GmbH** – is the leading producer of premium-quality industrial rayon. It is used as reinforcing materials for high-performance tires, hoses and composites.

**PHP – Polyamide/Polyester High Performance GmbH** – The PHP Group produces high-performance polyamide and polyester yarns as well as polymers. These products are used for airbags, seatbelts and a great variety of narrow and wide fabrics.

**Analytik Service Obernburg** – is an internationally active service laboratory for standard and special analyses as well as plasma surface modifications with an emphasis on polymer and plastic products, coatings, man-made fibres, textiles, medical technology, chemistry and environment.

### Evening Event

**19:00 – 22:00** Reception at the **Johannisburg Castle, Aschaffenburg**

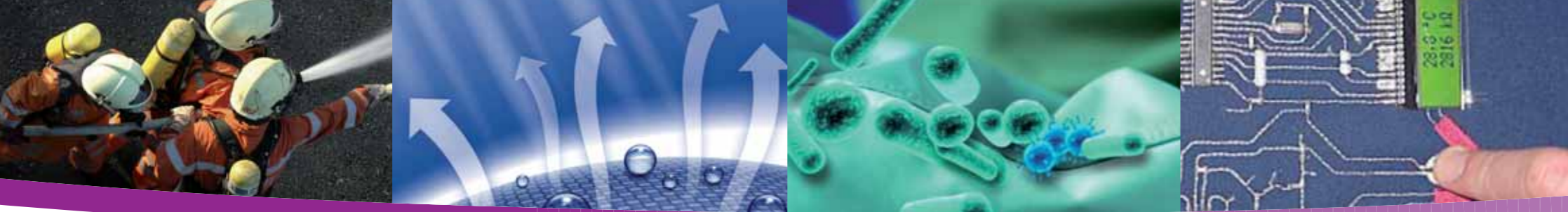


## Plenary Session, October 7, 2010

**from 08:00** Registration

- 09:00 – 09:20** **Welcome Address and Introduction**  
**Prof. Dr. Josef Nassauer**, CEO, Bayern Innovativ GmbH, Nuremberg  
**Dr. Christian Heinrich Sandler**, President, Association of the Bavarian Textile and Clothing Industry, Munich
- 09:20 – 09:30** **Welcome Address**  
**Klaus Herzog**, Mayor, City of Aschaffenburg
- 09:30 – 09:55** **Personal Protective Equipment – European Research and Standardisation**  
**Henk Vanhoutte**, Secretary General, European Safety Federation, Brussels, Belgium
- 09:55 – 10:20** **Protective Clothing – Technical Textiles as Hightech Life-Saver**  
**Dr. Timo Czech**, CEO, Lion Apparel Deutschland GmbH, Cologne
- 10:20 – 10:45** **Textiles for Health Protection – Backgrounds, Facts and Visions**  
**Prof. Dr. Dirk Höfer**, Director, Institute for Hygiene and Biotechnology, Hohenstein Institute, Bönningheim
- 10:45 – 11:10** **Comfort and Safety in Sports – Innovations and Developments**  
**Aurelio Fassi**, Managing Director, Mectex S.p.A., Erba, Italy
- 11:10 – 11:35** **Occupants Safety – Requirements of Textile Materials**  
**Monica Schätzmüller-Barajas**, Project Manager Core Engineering, TRW Automotive Safety Systems GmbH, Aschaffenburg

**11:35 – 13:30** Lunch in the Exhibition



## Fax Reply

+49 911-20671-733

Registration for the International Symposium

### Textil Innovativ

on October 7, 2010 in Aschaffenburg.

Please register before September 30, 2010, using a separate form for each person.  
Registration fee: see "General Information".

I would like to participate in the session

Safety & Comfort     Health Protection & Smart Textiles

I would like to participate in the excursion to the Industry Center Obernburg on October 6, 2010 (Limited number of participants. Confirmation of participation will be sent separately.)

I would like to participate in the evening event on October 6, 2010

General terms and conditions of Bayern Innovativ GmbH apply.  
www.bayern-innovativ.de/agben

Please send me a registration confirmation and an invoice.

\_\_\_\_\_  
Titel, First Name, Surname

\_\_\_\_\_  
Company/Institute

\_\_\_\_\_  
VAT-No. for companies based within the EU (except Germany)

\_\_\_\_\_  
Department/Position

\_\_\_\_\_  
Street

\_\_\_\_\_  
Zip Code, Town

\_\_\_\_\_  
Phone, Fax

\_\_\_\_\_  
E-Mail

\_\_\_\_\_  
Date, Signature

Industry     University/public authorities     Member of Forum MedTech Pharma e.V.

Student     Press

(Proof of status required)

(Proof of status required. Please indicate media dept.)

#### Safety & Comfort

**13:30 – 13:55 Trends in CBRN Protective Clothing**  
**Manuela Bräuning**, Specialist Product Management NBC Protective Clothing, Kärcher Futuretech GmbH, Winnenden

**13:55 – 14:20 Technical Fabrics for Special Applications – Made in Upper Franconia**  
**Sonja Hübner**, Head of Development/**Manuela Hetz**, Sales Manager, Theodolf Fritsche GmbH & Co. KG, Helmbrechts

**14:20 – 14:45 Nonwovens in Textiles for Heat and Flame Protection**  
**Jürgen Graf**, Key Account Manager Protective Clothing, Freudenberg Vliesstoffe KG, Weinheim

**14:45 – 15:10 Thermal Regulation and Physiological Properties of Heat Protection Garments**  
**Alexander Gstettner**, Workwear Team, Lenzing AG, Lenzing, Austria  
**Prof. Dr. Herfried Pessenhofer**, Institute of Physiology, Medical University of Graz, Austria

**15:10 – 15:45 Coffee Break in the Exhibition**

**15:45 – 16:10 Nano-Silver Coating in Disposable Overalls**  
**Dr. Maria Raidel**, Product Group Manager Workwear, UVEX Arbeitsschutz GmbH, Fürth

**16:10 – 16:35 Armor Vests – Requirements and Potentials**  
**Heiner Gedon/Cindy Bagge**, Bundeswehr Research Institute for Materials, Fuels and Lubricants, Erding

**16:35 – 17:00 Simulation of Mechanical Properties of Textiles Used for Ballistic Applications**  
**Hermann Finckh**, Department Automation/Simulation, Institute for Textile Technology and Process Engineering Denkendorf

**from 17:00 Get-together in the Exhibition**

#### Health Protection & Smart Textiles

**13:30 – 13:55 Novel Bicomponent Fibers with Improved Liquid Absorption**  
**Dr. Werner Stefani**, Project Manager, Trevira Competence Center Fibers, Trevira GmbH, Bobingen  
**Andreas Kirchberger/Christian Triebel**, Scientific Assistants, Institute of Polymer Materials, Friedrich-Alexander-University Erlangen-Nuremberg

**13:55 – 14:20 Health, Safety & Security – Latest Research and Testing Activities on Medical Textiles**  
**Dr. Geneviève Garsoux**, Research Scientist, Centexbel, Brussels, Belgium

**14:20 – 14:45 Membrane Technologies – Basis for Safety of Functional Textiles Used in Operating Rooms**  
**Matthias Krings**, CEO, Trans-Textil GmbH, Freilassing

**14:45 – 15:10 Innovative Monofilaments in the Wide Range of Safety Applications**  
**Gerhard Klis**, Dr. Karl Wetekam & Co. KG, Melsungen

**15:10 – 15:45 Coffee Break in the Exhibition**

**15:45 – 16:10 Polytronics – Trends in Flexible Microsystem Technologies**  
**Prof. Dr. Karlheinz Bock**, Fraunhofer-Institute for Modular Solid State Technology, Munich

**16:10 – 16:35 Using Smart Textiles in Healthcare and Extreme Conditions – Experience and Outlook**  
**Dr. Paolo Meriggi**, Research Engineer, Biomedical Technology Department, Fondazione Don Carlo Gnocchi Onlus, Milano, Italy

**16:35 – 17:00 Textile Electronics – Multifunctional Textiles for Security and Mobility**  
**Dr. Uwe Möhring**, Director, Textile Research Institute Thüringen-Vogtland e.V., Greiz

**from 17:00 Get-together in the Exhibition**