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# avantex symposium

3rd International Avantex-Symposium for Innovative  
Apparel Textiles

*Face your Visions*

*Discover the Future of Clothing*

Fashion/  
Lifestyle

Healthcare

Sports/  
Outdoor

Workwear/  
Protection

Messe Frankfurt Exhibition GmbH  
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**Frankfurt am Main**  
**6 – 8 June 2005**



There will be a simultaneous interpretation of all lectures into German and English.

Questions may be asked in either language.

Discussions will be interpreted simultaneously.

There will be an opportunity to make appointments with the speakers after the end of each lecture.

**We cordially invite you to the  
3rd International Avantex-Symposium  
in Frankfurt am Main from 6 to 8 June 2005.**

Innovative apparel textiles are gaining increasingly in significance. Many textile and garment manufacturing companies see their future in this market for 'intelligent' textiles, which holds out the promise of added value or supplementary benefits compared to classic garment textiles and, therefore, new sales opportunities.

Time and again, it becomes apparent that many potential users within the process chain are not even aware of existing materials and technologies. Following the success of the first two symposia in 2000 and 2002, the 3rd International Avantex-Symposium will once again help to draw attention to what already exists, to promote the exchange of information along the entire textile chain and to boost new developments.

The lecture programme is in line with the revised concept of Avantex, which includes four new areas of application – fashion/lifestyle, healthcare, sports/outdoor and workwear/protection – and is designed to create greater transparency and permit greater target-group accuracy. Each of these areas of application will be treated within the framework of the Avantex-Symposium. Rounding off the programme will be lectures on recent developments in the fields of materials, technology and electronics for garments.

In organising the Avantex-Symposium, we have branched out in several new ways:

- Five programme committees, each of which is made up of renowned experts, have compiled the individual thematic lecture blocks.
- At the request of the sector, the Avantex-Symposium will be held parallel to the 13th International Techtexil-Symposium (technical textiles, nonwovens and textile-reinforced materials) from 6 – 9 June. For organisational reasons, each event will offer two parallel blocks of lectures (instead of three each, as in the past).
- In the afternoon of 6 June, a lecture block common to both symposia will examine the future perspectives of the European textile industry.
- The other lectures of the Avantex-Symposium will be held during the morning and afternoon of 7 June and during the morning only of 8 June.
- Admission tickets for the Avantex-Symposium also entitle holders to attend the parallel lectures of the Techtexil-Symposium.
- Reducing the number of parallel lecture blocks to two means we have been able to reduce admission prices.

Our special thanks is due to all members of the programme committees for their active support in compiling the symposium programme. Additionally, we would like to thank the speakers and all who have contributed to a successful event with their ideas and commitment.

We wish all participants an informative and inspiring time in Frankfurt am Main.

Messe Frankfurt Exhibition GmbH  
International Avantex-Symposium

## Patron

EURATEX – European Apparel and Textile Organisation –  
and the “Working Group Technical Textiles” of EURATEX (B)

## Organizer

Messe Frankfurt Exhibition GmbH, Avantex, Frankfurt am Main (D)

## Steering Committee

Dr. Sharon Baurley, Central Saint Martins College of Art and  
Design, Innovation Centre Fashion & Textile Design Research,  
London (GB)

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Forschungsanstalt (EMPA), St. Gallen (CH)

## Program Committee Fashion/Lifestyle

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Design, Innovation Centre Fashion & Textile Design Research,  
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Clothing Design & Technology Hollings Faculty, Manchester (GB)

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Dr. Eckhardt Schollmeyer, Deutsches Textilforschungszentrum  
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Department of Textiles, Gent (B)

Dr. Stephen Russel, University of Leeds, Nonwovens Research  
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## Program Committee Sports/Outdoor

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Dr. Hein Jager, TNO Textile, Enschede (NL)

Dr. Aike Wypkema, TNO Textile, Enschede (NL)

## Program Committee Workwear/Protection

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Dipl.-Phys. Jürgen Berger, VDI/VDE Innovation + Technik GmbH,  
Teltow (D)

Javier Pascual Bernabeu, AITEX, Alcoy/Alicante (E)

Dr. Jan Laperre, Centexbel, Gent (B)

Prof. Martin Möller, Deutsches Wollforschungsinstitut, RWTH  
Aachen e.V., Aachen (D)

Prof. Dr. Roshan Shishoo, Shishoo Consulting AB, Askim (S)

## Program Committee Electronics + Textiles

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Teltow (D)

Prof. Dr. Roshan Shishoo, Shishoo Consulting AB, Askim (S)

Dr. rer. nat. Hartmut Strese, VDI/VDE Innovation + Technik,  
Teltow (D)

## Summary of the Programme

6 June	<b>14.00h</b> Official opening of the 3. Avantex- and 11. Techtexsil-Exhibition <b>14.20h</b> Beginning of the 3. International Avantex- and the 13. International Techtexsil-Symposium
7 June	<b>18.00h</b> Presentation of prizes for the 8. Student Competition „Textile Structures for New Building 2005“ – awarded by the Working Group on Textile Architecture and Techtexsil – and the Avantex and Techtexsil Innovation Prizes 2005
7 – 9 June	Special exhibition of the winners' works and the Avantex and Techtexsil Innovation Prizes 2005
8 June	<b>18.30h</b> Reception for the Symposium participants and exhibitors of Avantex and Techtexsil

## Lectures

6 June	14.00 – 17.15h	<b>Future Perspectives</b> The Future of the European Textile and Apparel Industry
7 June	09.00 – 13.30h	<b>Fashion/Lifestyle</b>
7 June	09.00 – 13.05h	<b>Material + Technology</b>
7 June	14.00 – 18.05h	<b>Healthcare</b>
7 June	14.00 – 18.05h	<b>Electronics + Textiles</b>
8 June	09.00 – 13.05h	<b>Sports/Outdoor</b>
8 June	09.00 – 13.05h	<b>Workwear/Protection</b>

## Monday, 6 June 2005

### 1 Future Perspectives

The Future of the European Textile and Apparel Industry  
Key Facts of Success:  
Technology, Innovation and Networking

<b>Time</b>	Chairman: Mr. Fa Quix, "Working Group Technical Textiles" of EURATEX (B)
14.00h	<b>Official Opening of Avantex and Techtexsil</b>
14.20h	<b>The European Textile Technology Platform as an Instrument to Sustain and to Support Future Developments in Textiles</b> N.N., European Commission (B)
14.45h	<b>The Textile and Apparel Industry has its Place in Europe!</b> Filiep Libeert, President of EURATEX (European Apparel and Textile Organisation) (B)
15.10h	<b>How a Classical Textile Company Can Successfully Enter Technical Textile Markets</b> Josef Albert Beckmann, President of Confederation of the German Textile and Fashion Industry e.V. (D)
15.35h	<b>The Importance of Networking of Companies to Initiate Synergies and to Create New Business</b> Dr. Andrea Parodi, President of TexClub Tec (I)
16.00h	<b>High-tech Textile Materials for Innovative and Niche Applications</b> Loek de Vries, Royal Ten Cate (NL)
16.25h	<b>The Role of R&amp;D and Technology in Diversification and Innovation in Technical and Functional Apparel Textiles</b> Dr. Guy Némoz, Dr. Denis Couvret, IFTH (Institut Français Textile – Habillement) (F)
16.50h End 17.15h	Discussion

### Exhibitor and Press Afternoon 2 – 6 p.m. on 6 June 2005.

Participants of "Future Perspectives" on 6 June 2005 are invited to the Exhibitor and Press Afternoon of Avantex and Techtexsil in Halls 3.0, 3.1 and 4.1.

Tuesday, 7 June 2005

## 2 Fashion/Lifestyle

Time	Chairmen: Dr. Sharon Baurley, Central Saint Martins College of Art and Design, London (GB), Dr. Isa Hofmann, iHOFMANN Consulting, Wiesbaden (D)
09.00h	<b>Propositions for the Integration of Emerging Technology into Fashion in the Future</b> Suzanne Lee, Central Saint Martins College of Art and Design, London (GB)
09.25h	<b>Intelligent Textiles – What For and Why?</b> Prof. Simonetta Carbonaro, Lena Berglin, Marion Ellwanger, Lars Hallnäs, University Colleges of Borås, The Swedish School of Textiles, Borås (S)
09.50h	<b>Hybrid Working Practices between Fashion and Product Design</b> Polly Duplock, University of Dundee, Innovative Product Design, Dundee (GB)
10.15h	<b>The Epidermis as Metaphor: The Art of Creating Intelligent Clothing</b> Sabine Seymour, Moondial Inc., New York (USA)
10.40h	<b>The Emotional Wardrobe</b> Lisa Stead, Central Saint Martins College of Art and Design, London (GB), Petar Goulev, Department of Electrical and Electronic Engineering, Imperial College, London (GB)
11.05h	Break
11.25h	<b>Wearable Dreams: Embedding Technology to Enhance Experience</b> Stijn Ossevort, ETH Zürich (CH)
11.50h	<b>Scentsory Design® for Scientient Beings</b> Dr. Jenny Tillotson, Central Saint Martins College of Art and Design, London (GB)
12.15h	<b>Fashion and Technology in Daily Life</b> Brigitte Scheufele, Hochschule Reutlingen (D)
12.40h	<b>Designing the Future – Ways to Make Wearable Products Marketable!</b> Mag. Art. Sabrina Tanner, Dipl.-Des. Anja Herwig, Lösungsmittel Produkt und Industriedesign GmbH, Wien (A)
13.05h	<b>Sensory Analysis: A Consumer Centred Approach to the Market</b> Ivanne Soufflet, Institut Français Textile-Habillement (F)
End 13.30h	

Tuesday, 7 June 2005

## 3 Material + Technology

Time	Chairmen: Dipl.-Phys. Jürgen Berger, VDI/VDE Innovation + Technik GmbH, Teltow (D), Dr. Jan Laperre, Centexbel, Gent (B)
09.00h	<b>Nano-Coating – Application of Thin Coating Layers for Technical Textiles with High Functional Properties</b> Thomas Kolbusch, Andrea Glawe, Coatema Coating Machinery GmbH, Dormagen (D)
09.25h	<b>Nanotechnology for the Functionalization of Textile Materials</b> Prof. Dr. Eckhard Schollmeyer, J. Zorjanovic, T. Textor, R. Zimehl, T. Bahners, Deutsches Textilforschungszentrum Nord-West e.V., Krefeld (D)
09.50h	<b>Elastic, Electroconductive Yarns for Use in Smart Clothes and Technical Textiles. State of the Art and Selected Applications</b> Dr. Robert Nusko, Dr. Raimund Brotsack, rent a scientist GmbH, Regensburg (D)
10.15h	<b>Novel Methods for Preparing Electroconductive Textiles Using Inherently Conductive Polymers</b> Peter J. Waters, Barry V. Holcombe, Mark G. Looney, Pamela M. Peterson, CSIRO Textile and Fibre Technology, Belmont (AUS), Syed A. Ashraf, Peter C. Innis, Gordon G. Wallace, Intelligent Polymer Research Institute Wollongong (AUS)
10.40h	<b>Use of Bicomponent Yarns and Fibres: Current Possibilities for Innovation</b> Veerle Herrygers, Centexbel, Zwijnaarde (B)
11.05h	Break
11.25h	<b>Nanocoatings for High Functionality Textiles</b> Dr. Jas Pal Badyal, Surface Innovations Ltd., County Durham (GB)
11.50h	<b>Reinventing Apparel</b> Dr. Robert L. Kirkwood, INVISTA Inc., Wilmington (USA)
12.15h	<b>Laser Sewing Machine for 3D Joining of Technical Textiles</b> Dr.-Ing. Dirk Hänsch, Prolas Produktionslaser GmbH, Würselen (D)
12.40h End 13.05h	<b>CO<sub>2</sub> Photon Laser and Material</b> Janet Stoyel, The Cloth Clinic, Devon (GB)

Tuesday, 7 June 2005

#### 4 Healthcare

Time	Chairman: Dr. Isa Hofmann, iHOFMANN Consulting, Wiesbaden (D)
14.00h	<b>Synthesis and Application of Organic Conducting Fibers</b> Prof. Gordon Wallace, V. Mottaghalab, S.E. Moulton, G.M. Spinks, T.E. Campbell, C. Wang, C.O. Too, ARC Centre for Nanostructured Electromaterials, Intelligent Polymer Research Institute, University of Wollongong (AUS)
14.25h	<b>ECG and Respiration Monitoring via a Textile-Based Optical System</b> Dr. Eleni Karayianni, INVISTA International Sarl, Genf (CH), Stacey B. Burr, Dr. Qaizar N. Hassonjee, INVISTA Inc. (USA), Dr. Roger Armitage, INVISTA (UK) Ltd., Gloucester (GB)
14.50h	<b>A Smart Suit for the Monitoring of Children</b> Prof. Robert Puers, B. Hermans, M. Catrysse, J. Coosemans, K.U. LEUVEN ESAT MICAS, Heverlee-Leuven (B), C. Hertleer, Prof. Dr. ir. Lieva van Langenhove, Ghent University, Department of Textiles (B)
15.15h	<b>Mobile Intelligence for Medical Monitoring</b> Dr. Wilhelm Storck, Christophe Kunze, Jörg Ottenbacher, Universität Karlsruhe (D)
15.40h	<b>MyHeart – Fighting Cardiovascular Diseases by Prevention and Early Diagnosis</b> Dipl.-Ing. Harald Reiter, Josef Lauter, Jörg Habetha, Ralf Schmidt, Philips Research Laboratories, Aachen (D)
16.05h	Break
16.25h	<b>Chances and Limits of Biofunctional Textiles in Diagnosis and Therapy</b> Dr. Dirk Höfer, Hohensteiner Institute, Institut für Hygiene und Biotechnologie, Bönningheim (D)
16.50h	<b>Nano-sized Silver Salt Crystal Coating with Antimicrobial Properties</b> Dr. Dominic Tessier, Ion Radu, Martin Filteau, Groupe CTT Group, St-Hyacinthe (CAN)
17.15h	<b>Chitosans for Permanent Antimicrobial Finishing on Textiles</b> Priv.-Doz. Dr. Dierk Knittel, M. Fouda, Deutsches Textilforschungszentrum Nord-West e.V., Krefeld (D), C. Hipler, P. Elsner, Klinik für Dermatologie, Universität Jena (D)
17.40h	<b>Interdisciplinary Biological and Chemical Testing Systems: New Methods to Detect Harmful Substances in Commercial Textiles</b> Dr. Michael Doser, Institut für Textil- und Verfahrenstechnik, Denkendorf (D)
End 18.05h	
10	<b>avantex</b> symposium

Tuesday, 7 June 2005

#### 5 Electronics + Textiles

Time	Chairmen: Dr. rer. nat. Hartmut Strese, VDI/VDE Innovation + Technik GmbH, Teltow (D), Dr. Rita Paradiso, Milior S.p.A./Smartex s.r.l., Prato (I)
14.00h	<b>Technologies for Smart Textiles: An Overview</b> Dr. rer. nat. Hartmut Strese, Lutz John, Yvette Kaminorz, VDI/VDE Innovation + Technik GmbH, Teltow (D)
14.25h	<b>Integration of Microelectronics into Textiles</b> Dipl.-Ing. Torsten Linz, Christine Kallmayer, Fraunhofer IZM, Berlin (D)
14.50h	<b>Merging Electronics and Textiles: Some Technical Considerations</b> Michael Catrysse, Dr. Jan Laperre, Centexbel, Zwijnaarde (B), Carla Hertleer, Kris van de Voorde, Ghent University (B)
15.15h	<b>The Integration of Microelectronic Labels into Textiles – Technology and Applications</b> Dr. Gerd vom Bögel, Fraunhofer IMS, Duisburg (D)
15.40h	<b>A Novel Electrochemical Cell for the Evaluation of Textile Electrode Behaviour</b> Prof. Dr. ir. Lieva van Langenhove, Georgios Prinotakis, Philippe Westbroek, Paul Kiekens, Ghent University (B)
16.05h	Break
16.25h	<b>Potentials for an Intelligent Power Supply for Smart Clothes</b> Elfriede Kirchdörfer, Angela Mahr-Erhardt, Dipl.-Ing. Martin Rupp, Hohensteiner Institute, Bönningheim (D)
16.50h	<b>Enabling Supply of Volume Components to the Wearable Electronics Industry</b> Steve Leftly, Dr. Dianne Jones, Fibretronic Ltd., Skipton (GB)
17.15h	<b>Research Agenda for Wearable Technology Commercialization</b> Prof. Jukka Vanhala, Tampere University of Technology, Tampere (FIN)
17.40h	<b>Wearable Health Care Systems: New Frontiers on e-Textile</b>
End 18.05h	Dr. Rita Paradiso, Milior S.p.A./Smartex s.r.l., Prato (I)
11	<b>avantex</b> symposium

Wednesday, 8 June 2005

6 Sports/Outdoor

Time	Chairmen: Markus Rüedi, Eidgenössische Materialprüfungs- und Forschungsanstalt (EMPA), St. Gallen (CH), Dr. Aike Wypkema, TNO Textile, Enschede (NL)
09.00h	<b>Nanotechnology for Moisture-Management Clothing Assemblies</b> Dr. Robert Lomax, Baxenden Chemicals, Droitwich (GB)
09.25h	<b>Climate Control in Outdoor Clothing</b> Dr. Wilhelm Storck, Jörg Ottenbacher, Christophe Kunze, Universität Karlsruhe (D)
09.50h	<b>Beyond High Performance Sportswear: Engineering Optimal Functionality and Comfort</b> Dr. Petros Dafniotis, INVISTA International Sarl, Genf (CH)
10.15h	<b>Virtual Product Development for Close-Fitting Sportswear</b> Dr.-Ing. Sybille Krzywinski, Dipl.-Ing. Jana Siegmund, Prof. Dr.-Ing. habil. Hartmut Rödel, Institut für Textil- und Bekleidungstechnik der TU Dresden (D)
10.40h	<b>The Influence of Functional Clothing on the Thermoregulation of an Athlete</b> Dipl. Oec. Andreas Jack, EMPA, St. Gallen (CH)
11.05h	Break
11.25h	<b>Personal Coach, the Use of Electronics in Sportswear</b> Dr. Anton Luiken, ir. Lenneke de Voogd, Dr. Sytze Kalisvaart, ir. Andre Ventevogel, TNO Science and Industry, Enschede (NL)
11.50h	<b>Simulator for Evaluating the Performance of Functional Textiles</b> Prof. Shinjung Yoo, Functional Textiles System Research Lab, Seoul (ROK)
12.15h	<b>Vapour Transport in Textiles Under Changing Conditions</b> Anton Kaasjager, TNO Textile, Enschede (NL)
12.40h	<b>Thermo-regulating Properties of Nonwovens Containing MicroPCMs</b> Dr. Wiesława Bendkowska, Bogna Grabowska, Henryk Wrzosek, Lucyna Michalak, Barbara Zora, Instytut Włokiennictwa, Łódź (PL)
End 13.05h	

Wednesday, 8 June 2005

7 Workwear/Protection

Time	Chairman: Dr. Jan Laperre, Centexbel, Gent (B)
09.00h	<b>Conspicuity Evaluation of High-Visibility Garments by an Objective Instrumental Method</b> Dr. Michel Longrée, Ing. Jean Léonard, Centexbel, Chaineux (B), Prof. Dr. Johan Wagemans, University of Leuven, Department of Psychology, Leuven (B)
09.25h	<b>Development of a Fire-Resistant Cooling Suit</b> Dr. Barbara Pause, Textile Testing & Innovation, LLC Longmont (USA)
09.50h	<b>The Effect of Laundering, UVC and Ozone on Fabrics for Welders' Protective Clothing</b> Helena Mäkinen, Sanna Karkkula, Patrick von Nandelstadh, Finnish Institute of Occupational Health, Helsinki (FIN), Kirsi Jaakkola, Reima Oy, Kankaanpää (FIN)
10.15h	<b>The Use of Antimicrobial Fabric in Workwear</b> Alain Langerock, Patrice Vandendaele, Devan Chemicals, Ronse (F), W. Curtis White, James Krueger, AEGIS Environments, Midland, MI (USA)
10.40h	<b>Reduction of Heat Stress in Motorcycle Helmets by Using a New Sophisticated Cooling System</b> Dipl.-Ing. (FH) Markus Weder, Paul Brühwiler, EMPA, St. Gallen (CH)
11.05h	Break
11.25h	<b>Exercise Tests of the Officers Subordinate to MSWIA (the Ministry for the Interior and Administration) Wearing Protective Products, in Respect of Their Use</b> Sylvia Tarkowska, Jadwiga Polak, Krzysztof Czerwinski, The Institute of Technical Textiles "MORATEX", Łódź (PL)
11.50h	<b>Analysis of the Ability of Protective Textile-Plastic Compositions Used in Modern Protective Clothing and Equipment for the Polish Police to Absorb Impact Energy</b> D. Sc. Eng. Grazyna Redlich, Jedvyge Polak, Dipl.-Ing. Krystyna Fortuniak, Dipl.-Ing. Ewa Obersztyn, The Institute of Technical Textiles "MORATEX", Łódź (PL)
12.15h	<b>Technological Innovation Driver for Future Functional Materials</b> Frank Spaan, Royal Ten Cate, Almelo (NL)
12.40h	<b>A New Test Method to Evaluate the Burning Behaviour of Textiles</b> Anton Kaasjager, Dr. Hein Jager, Gerard Schrijer, TNO Textile, Enschede (NL)
End 13.05h	



## Information

Participation registration: Conventure Messe Frankfurt,  
Phone +49 69 75 75-54 32, Fax +49 69 75 75-57 37,  
AXSymposium@messefrankfurt.com

## Hotel Reservation

Tourismus+Congress GmbH,  
Kaiserstrasse 56, D-60329 Frankfurt am Main  
Phone +49 69 21 23 08 08, Fax: +49 69 21 24 05 12

## Lectures

The Avantex-Symposium 2005 will be held at Congress Center Messe Frankfurt (CMF). All lectures will be interpreted simultaneously into English and German. There will be an opportunity to make appointments with the speakers after the end of each lecture.

## Registration

Please use the attached registration form in this programme or the **online registration** at [www.avantex.messefrankfurt.com](http://www.avantex.messefrankfurt.com). The form may be copied for additional registrations. The deadline for acceptance of your registration (by mail or by fax) is **27 May 2005**. After this date, registration is possible only at the congress counter during the symposium. You will receive immediately an invoice together with the confirmation. The symposium paper works and a name badge will be waiting for you at the congress counter. If you do not receive any confirmation by 14 days after registration, please contact the participant registration.

## Conference Fee Symposium

### Conference Fees

	Early Bird Fee until 12.5.2005	13.5.2005 and at the Symposium
6.-8.6.2005	€ 335.00	€ 395.00
6.6.2005	€ 140.00	€ 165.00
7.6.2005	€ 140.00	€ 165.00
7.6.2005*	€ 200.00	€ 235.00
8.6.2005	€ 140.00	€ 165.00

\*full-time

### Conference Fees Exhibitors

Conference Fees for exhibitors (only valid together with an exhibitor ticket, please state your stand number in advance):

	Early Bird Fee until 12.5.2005	13.5.2005 and at the Symposium
6.-8.6.2005	€ 250.00	€ 295.00
6.6.2005	€ 105.00	€ 125.00
7.6.2005	€ 105.00	€ 125.00
7.6.2005*	€ 150.00	€ 180.00
8.6.2005	€ 105.00	€ 125.00

\*full-time

### Conference Fees University Staff

Conference Fees for university staff (only possible with confirmation from the university in advance until 27.5.2005):

	in advance only until 27.5.2005	no ticket sales on the day
6.-8.6.2005	€ 165.00	–
6.6.2005	€ 70.00	–
7.6.2005	€ 70.00	–
7.6.2005*	€ 100.00	–
8.6.2005	€ 70.00	–

\*full-time



## Conference Fees Students

Conference Fees for students (only valid together with a student identity card. The student ID must be shown on demand.):

	Early Bird Fee until 12.5.2005	13.5.2005 and at the Symposium
6.-8.6.2005	€ 40.00	€ 30.00
6.6.2005	-	-
7.6.2005	-	-
7.6.2005*	-	-
8.6.2005	-	-

\*full-time

All prices include 16% VAT. Tickets purchased before and including 12 May 2005 include admission to Avantex and Techtexil on the days booked. Participants booking the Avantex-Symposium can also attend the parallel Techtexil-Symposium.

You will find important information and the complete registration conditions for booking and payment on the back of the registration form or at [www.avantex.messefrankfurt.com](http://www.avantex.messefrankfurt.com).

## Admission Tickets Trade Fair

You can also obtain additional admission tickets for the Avantex-Forum in advance from your Chamber of Industry and Commerce, from one of our representatives outside Germany or from the address given below.

	In Advance	On The Day
Season Ticket	€ 32.00	€ 43.00
Day Ticket	€ 17.00	€ 22.00
Day Ticket, Reduced	-	€ 14.00

Messe Frankfurt Venue GmbH & Co. KG  
 Avantex Info-Service T21  
 P.O. Box 15 02 10  
 60062 Frankfurt am Main, Germany  
 Fon +49 69 75 75-20 04  
 Fax +49 69 75 75-12 36

Or order your admission tickets quickly and easily online at [www.techtexil.com](http://www.techtexil.com). You can print out your tickets at home and take part in our competition and have the chance to win attractive prizes.

## Avantex-Forum Opening Hours

7 – 8 June 2005: 9.00 – 18.00 hrs  
 9 June 2005: 9.00 – 17.00 hrs  
 At Avantex photography is strictly prohibited.

## Travel

**By air:** From the airport to the Exhibition Centre by taxi or suburban train (S-Bahn).

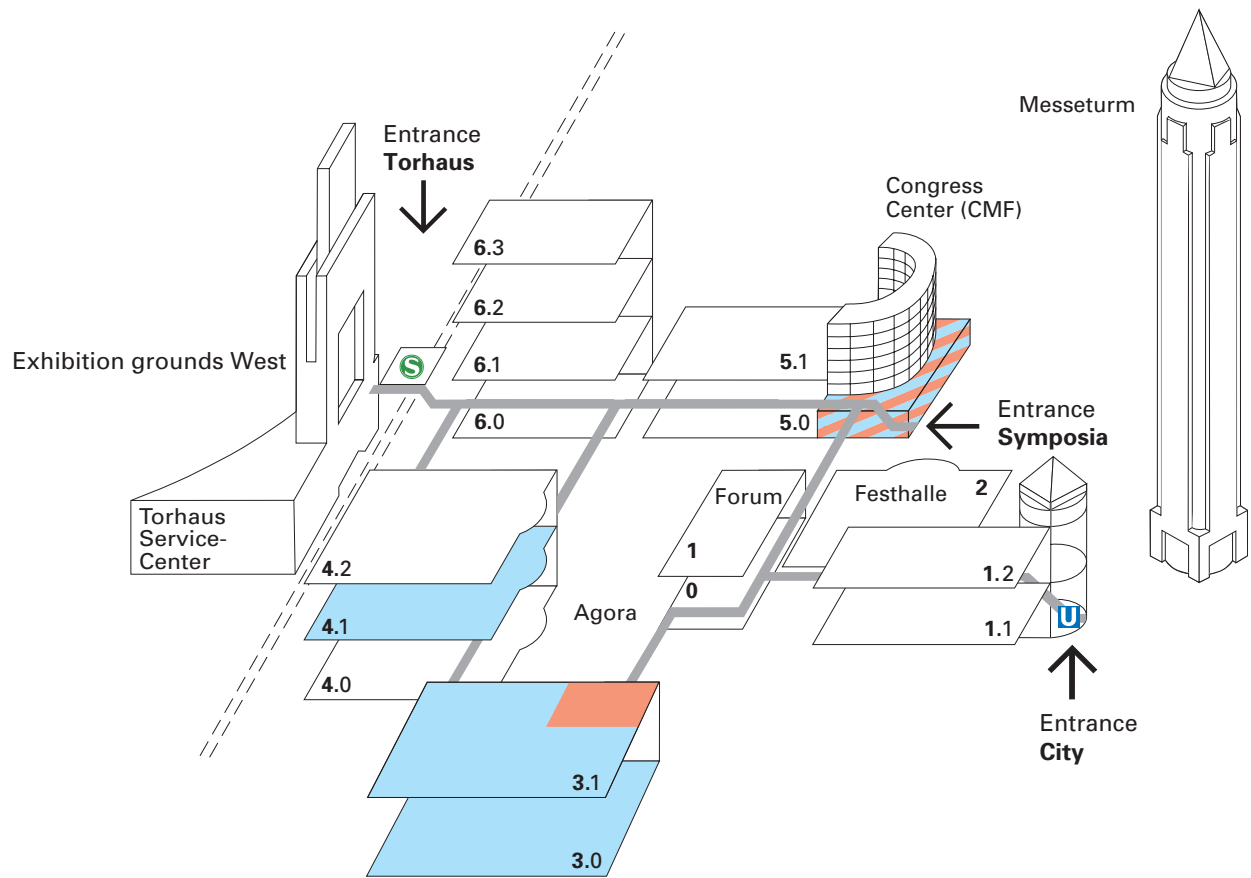
**By train:** From Frankfurt Main Railway Station (Hauptbahnhof) trams 16 and 17, underground line U4 or taxis will take you quickly to the "City" entrance or die S-Bahn lines S3, S4, S5 and S6 to the "Torhaus" entrance.

By foot, you will need about ten minutes.

**By car:** On the motorways and in the city, simply follow the signs to "Messe", which take you straight to the Exhibition Centre car parks.

**By suburban train:** From Friedberg line S6.; from Friedrichsdorf/Bad Homburg/Oberursel line S5; from Kronberg line S4; from Bad Soden/Schwalbach line S3. From the south of Frankfurt S-Bahn lines S3 and S4 will take you straight to the fair from Darmstadt and Langen/Neu-Isenburg respectively.

**You will find further information on the internet at [www.avantex.messefrankfurt.com](http://www.avantex.messefrankfurt.com)**



Halls  
3.0/3.1/4.1  
Tectextil

Hall  
3.1  
Avantex

CMF  
Tectextil/Avantex  
Symposia

# avantex symposium



## Registration for the Avantex-Symposium June 6 – 8, 2005

Please type or print and return the completed form by fax until May 27, 2005 to: +49 69 75 75-57 37  
 Online-Registration: [www.avantex.messefrankfurt.com](http://www.avantex.messefrankfurt.com)

Mrs.  Mr.

Academic Degree, Title	Hall/stand number	Country
_____ Last Name	_____ Street	_____ Telephone
_____ First Name	_____ Street	_____ Telefax
_____ Company	_____ ZIP Code	_____ E-Mail
_____ Department	_____ City	_____ Homepage

### Registration until May 12, 2005

- Conference Fee**
- 06. – 08.06.2005 335.00 €
  - 06.06.2005 140.00 €
  - 07.06.2005 140.00 €
  - 07.06.2005, full-time 200.00 €
  - 08.06.2005 140.00 €
- Conference Fee Exhibitor\***
- 06. – 08.06.2005 250.00 €
  - 06.06.2005 105.00 €
  - 07.06.2005 105.00 €
  - 07.06.2005, full-time 150.00 €
  - 08.06.2005 105.00 €

### University Staff\*

#### (Registration until May 27, 2005)

- 06. – 08.06.2005 165.00 €
- 06.06.2005 70.00 €
- 07.06.2005 70.00 €
- 07.06.2005, full-time 100.00 €
- 08.06.2005 70.00 €

### Students\*

- 06. – 08.06.2005 40.00 €

### Registration from May 13, 2005

- Conference Fee**
- 06. – 08.06.2005 395.00 €
  - 06.06.2005 165.00 €
  - 07.06.2005 165.00 €
  - 07.06.2005, full-time 235.00 €
  - 08.06.2005 165.00 €
- Conference Fee Exhibitor\***
- 06. – 08.06.2005 295.00 €
  - 06.06.2005 125.00 €
  - 07.06.2005 125.00 €
  - 07.06.2005, full-time 180.00 €
  - 08.06.2005 125.00 €

### University Staff\*

#### (Registration until May 27, 2005)

- 06. – 08.06.2005 165.00 €
- 06.06.2005 70.00 €
- 07.06.2005 70.00 €
- 07.06.2005, full-time 100.00 €
- 08.06.2005 70.00 €

### Students\*

- 06. – 08.06.2005 30.00 €

### Please indicate your points of interest:

- Monday, 06.06.2005
- Future Perspectives, 02:00 p.m.– 05:15 p.m.
- Tuesday, 07.06.2005
- Fashion/Lifestyle, 09:00 a.m.– 01:30 p.m.
  - Material+ Technology, 09:00 a.m.– 01:05 p.m.
  - Healthcare, 02:00 p.m. – 06:05 p.m.
  - Electronics+ Textiles, 02:00 p.m. – 06:05 p.m.
- Wednesday, 08.06.2005
- Sports/Outdoor, 09:00 a.m. – 01:05 p.m.
  - Workwear/Protection, 09:00 a.m.– 01:05 p.m.

### Payment

- I will pay the amount by bank transfer upon receipt of an invoice.
- Please debit the amount from my credit card.

- VISA
- Eurocard/Mastercard
- American
- Diners

\*University staff, apprentices, students and disabled please add a copy of your identity card or the confirmation of your institute. As exhibitor please add your hall and stand number.

### All conference fees include the German statutory VAT.

I hereby register for the Avantex-Symposium 2005. This registration is legally binding. I have received the registration conditions of Messe Frankfurt and agree to them.

Card No. \_\_\_\_\_

Expiration date / Card verification code \_\_\_\_\_

Cardholder \_\_\_\_\_

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

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

## Avantex-Symposium June 6 – 8, 2005

### Important Information on Registration and Payment Registration Conditions

#### Registration

The **conference fee** includes services as listed below:

- Registrations up to and including 12 May, 2005 contain entrance to Avantex and Techtexsil on the day booked as well as free travel to and from the exhibition within the Rhein-Main-Verkehrsverbund (RMV), the local transit system network.
  - Conference documents of the day and Symposium booked.
  - Access to all public sessions of the day booked. A change between the Avantex- and Techtexsil-Symposium is possible.
- Participants of the Techtexsil-Symposium who are interested in the Avantex-Session on June 7 in the afternoon need an additional registration for half a day.

The preliminary program can be seen under [www.avantex.messefrankfurt.com](http://www.avantex.messefrankfurt.com) and will be regularly updated. You will receive a name badge and your conference documents on site.

In order to avoid delays, please use one form per attendee and return only completed registration forms. For additional attendees, please use copies of the registration form.

Please add a confirmation to receive a price reduction (e.g. student identity card, confirmation of institute). Please carry and show your confirmation if necessary.

After May 27, 2005 pre-registrations cannot be accepted. Attendees wishing to register after this date, are kindly asked to see us at the registration counter during the conference.

The name badge is only for the use of the registered attendee!

#### Payment

All given prices include the statutory Value Added Tax (VAT) valid at the time of the congress. Payment will be accepted in Euro (EUR) only.

#### Pre-Registration until May 27, 2005

We accept the following credit cards: VISA, Eurocard/Mastercard, Diners, American Express

Bank transfer is possible upon receipt of an invoice. Please note that possibly resulting bank charges will be debited to the attendee. No cheques accepted. Attendees will be asked for a credit card guarantee on site if payment has not been received in time.

#### On-Site-Registration June 6 – 9, 2005

Additional acceptable payment methods on site are EC/Maestrocard with PIN-Code and cash in EUR.  
No cheques.

#### Cancellation

If you register and cannot attend you are still responsible for full payment.

#### Cancellation until May 20, 2005

A refund of 50% of the conference fee will be granted only if cancellation is received in writing on or before May 21, 2005.

#### Cancellation from May 21, 2005

Refunds will not be granted for cancellations made after May 20, 2005.

In case that the conference has to be cancelled by Messe Frankfurt, all the same for which reasons, already paid conference fees will be fully refunded. Further demands on Messe Frankfurt are impossible, e.g. cancellation fees for hotel accommodation, travel expenses etc.

#### For further information, please do not hesitate to contact us:

Phone +49 69 75 75-54 32

Fax +49 69 75 75-57 37

AXSymposium@messefrankfurt.com