

avantex


symposium

4th International Avantex-Symposium for Innovative Apparel Textiles

Discover the Future of Clothing



11 – 14 June 2007

 messe frankfurt

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.

The 4th International Avantex-Symposium will be held in Frankfurt am Main from 11 to 14 June 2007.

We cordially invite you to participate.

Whether innovative apparel textiles, intelligent textiles or smart textiles, many textile and garment manufacturers consider these textiles to hold the key to their future. For them, such textiles hold the promise of added value or supplementary use in comparison with 'classic' garment textiles and, therefore, new sales opportunities.

In this regard, it is often the case that many potential users within the process chain, not to mention consumers, are unaware of existing materials and technologies. Thus, following the success of the previous three symposiums, the 4th Avantex-Symposium will once again draw attention to existing products, promote the exchange of information along the entire textile pipeline and give new developments a boost.

The lectures are oriented towards the Avantex concept and, in addition to the four main areas of application – fashion, healthcare, sports and workwear – will focus on new developments in the field of materials, technologies and electronics in apparel.

The organisation of this year's Avantex-Symposium will be based on the successful concept of the 2005 event:

- The individual lecture blocks will be compiled in accordance with specific subject areas by program committees made up of internationally renowned experts.
- The 14th Techtexsil-Symposium (on technical textiles and nonwovens) will be held from 11 to 14 June.
- The Avantex- and Techtexsil-Symposium will be held simultaneously, each with two parallel lecture blocks.

- The important subject of ‘Future perspectives of the European textile industry’ will be discussed during the afternoon of 11 June. This lecture block is being organised in cooperation with EURATEX and its Working Group Technical Textiles. Participation in this lecture block is free of charge.
- The participation fees for the Avantex-Symposium also apply to the parallel lectures of the Techtexsil-Symposium.
- Participants who register in advance for the Symposium by 11 May 2007 will also receive an admission ticket to the fair.

As in the past, all lectures of the Avantex-Symposium will be held during the mornings only so that participants also have time to visit the fair.

We are pleased to announce that EURATEX – European Apparel and Textile Organisation – and the EURATEX Working Group Technical Textiles have once again agreed to be patrons of the Avantex- and Techtexsil-Symposiums. We would like to offer our special thanks to all members of the Program Committees for compiling the program of the Symposium. Our thanks are also due to the speakers and all who, with their ideas and commitment, have made a significant contribution to the success of the event.

We wish all participants an informative and interesting 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,
Brussels (B)

Organizer

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

Steering Comittee

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

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

Dr. Isa Hofmann, iHOFMANN-CONSULTING, Communication,
Marketing & Innovative Strategies, Wiesbaden (D)

Dr. Jan Laperre, Centexbel, Gent/Zwijnaarde (B)

Markus Rüedi, Eidgenössische Materialprüfungs- und
Forschungsanstalt (EMPA), St. Gallen (CH)

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

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

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Lucy McRae, Philips Design, Eindhoven (NL)

Fernando Merino, CITEVE, Vila Nova de Famalicao (P)

Program Comittee Healthcare

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Annalisa Bonfiglio, University of Cagliari, Department of Electrical and Electronic Engineering, Cagliari (I)

Prof. André Dittmar, Equipe Microcapteurs et Microsystèmes Biomédicaux (DR, INSA), Villeurbanne (F)

Program Comittee Material and Program Comittee Technology

Prof. Dr. Roshan Shishoo, Shishoo Consulting AB, Askim (S)
Dipl.-Phys. Jürgen Berger, VDI/VDE Innovation + Technik GmbH, Berlin (D)

Dr. Jan Laperre, Centexbel, Gent/Zwijnaarde (B)

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

Program Comittee Sports

Markus Rüedi, Eidgenössische Materialprüfungs- und Forschungsanstalt (EMPA), St. Gallen (CH)

Dr. David Brook, University of Leeds, Centre of Technical Textiles, Leeds (GB)

Prof. Marie-Ange Bueno, Université de Haute-Alsace, Mulhouse (F)

Dr. Aike Wypkema, TNO Science and Industry, Eindhoven (NL)

Program Comittee Workwear

Dr. Jan Laperre, Centexbel, Gent/Zwijnaarde (B)

Javier Pascual Bernabeu, AITEX, Alcoy (E)

Dr. Helena Mäkinen, Finnish Institute of Occupational Health (FIOH), Department of Physics, Helsinki (FIN)

Markus Rüedi, Eidgenössische Materialprüfungs- und Forschungsanstalt (EMPA), St. Gallen (CH)

Summary of the Program

- 11 June 2007** **14.00 h:** Official Opening of Avantex and Techtexsil. Subsequent start of the 4th Avantex- and the 14th International Techtexsil-Symposium.
- 11 June 2007** **18.00 h:** Presentation of the Avantex- and Techtexsil-Innovation Awards 2007. Presentation of Awards for the 9. Student Competition „Textile Structures for New Building 2007“ – awarded by the international association TensiNet and Techtexsil.
- 12 – 14 June 2007** Special exhibition of the Avantex- and Techtexsil-Innovation Awards 2007 and works from the winners of the Student Competition.
- 13 June 2007** **18.30 h:** Reception for the Symposium participants and exhibitors of Avantex and Techtexsil.

Lectures

11 June 2007	14.00 – 17.30 h Future Perspectives
12 June 2007	09.00 – 12.40 h Material
12 June 2007	09.00 – 13.30 h Sports / Workwear
13 June 2007	09.00 – 12.40 h Technology
13 June 2007	09.00 – 13.30 h Fashion
14 June 2007	09.00 – 13.05 h Electronic + Textiles
14 June 2007	09.00 – 13.30 h Healthcare

Monday, 11 June 2007

**1 The Future of the European Textile and Apparel Industry
Trends, Strategies and Visions to successfully meet
the Challenges of the Future**

Chairperson: Dr. Peter Pfneisl, Working Group Technical Textiles, EURATEX (B)

14.00h 1.1 – Key-Note Speech and Opening of the Event
Luis-Felipe Girao, EU Commission, DG Enterprise,
Brussels (B)

**14.25h 1.2 – Situation and Perspectives of the European
Textile and Apparel Industry**
William Lakin, President of EURATEX, Brussels (B)

**14.50h 1.3 – The European Technology Platform –
How it Supports our Industry**
Dick Hendricks, Chairman of the Governing Council
of the Technology Platform for the Future of the
Textile and Apparel Industry, Aj Nyverdal (N)

**15.15h 1.4 – Securing the Future of our Industry by
Attracting the Next Generation**
Peter Schwartz, President of Confederation of the
German Textile and Fashion Industry, Eschborn (D)

**15.45h 1.5 – Successful Positioning in Global Markets due
to Investments in Product Diversification, Marketing
and Strategy**
Thomas Fahnemann, CEO of Lenzing AG,
Lenzing (A)

**16.10h 1.6 – Visions for the European Textile and Apparel
Industry**
Thierry Noblot, General Director Union des
Industries Textiles, Clichy (F)

**16.45h Discussion with all Speakers including Questions
from the Audience**

This series is coorganised by EURATEX, its Working Group Technical Textiles – who both are also the patrons of the symposiums – and Messe Frankfurt / Avantex- and Techtexsil-Symposium.
The participation is free of charge.

Tuesday, 12 June 2007

2 Material

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

09.00h AX.2.1 – Overview of R & D in Organic Nanofibres Conducted in Japan

Dr. Tatsuki Matsuo, SCI-TEX, Ohtsu-City, Japan

09.25h AX.2.2 – Electrospun Membranes for Technical Textile and Apparel Applications

PhD Jonathan George, Finetex Technology, Inc., Domène (F)

09.50h AX.2.3 – Smartduotherm – A Thermoregulating Cellulose Fibre with a Large Heat Storing Capacity

Dr. Frank Meister, Dr. Jürgen Melle, Thuringian Institute for Textile and Plastic Research, Rudolstadt (D)

10.15h AX.2.4 – MASA Nanoparticle Coating for High-function

Junji Kuroki, Kuniki, Suzutora Co., Gamagori City (JP)

10.40h AX.2.5 – Nonwoven/Active Membrane Composites for High Performance Semidisposable Garments

Dr. Fabrizio d'Amico, Exten S.A., Mendrisio (CH), Maurizio Gauretti, INTERFACE

11.05h Break

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

11.25h **AX.2.6 – Technical Applications with Griltex Copolyamides and Copolyesters**

Dr. Eberhard Kinkelin, EMS-Chemie AG, Business Unit EMS-Griltech, Domat/Ems (CH)

11.50h **AX.2.7 – Tactile Sensory Evaluation of Textile Materials**

Prof. Maria José Marques Abreu, MSc. Clarinda Nogueira, Prof. Maria Elisabete Cabeco-Silva, Prof. Laurence Schacher, Prof. Dominique Adolphe, University of Minho, Textile Engineering Department, Guimarães (P)

12.15h **AX.2.8 – Personal Monitoring Systems in Apparel**

Dr. Lenneke de Voogd-Claessen, Caroline van der Horst, TNO Science and Industry, Eindhoven (NL), Auli Sipila, Clothing Plus Oy, Kankaanpää (FIN)



Chairperson: Markus Rüedi, Eidgenössische Materialprüfungs- und Forschungsanstalt (EMPA), St. Gallen (CH)

09.00h AX.3.1 – Hydrophilic Linings to Enhance the Liquid Sweat Transport through Water-tight Clothing

Dr. Volkmar T. Bartels, Hohenstein Institutes, Boennigheim (D)

09.25h AX.3.2 – The Thermoregulation of a Cyclist – A Comparison Between PP/PA and PES Underwear

Andreas Jack, Empa, Abt. Schutz und Physiologie, St. Gallen (CH)

09.50h AX.3.3 – Exciting New Developments in the Application of Copolyesters in Breathable Membranes

Ir. Francis Aussems, DSM Engineering Plastics, Geleen (NL)

10.15h AX.3.4 – Designing Knitted Clothing for Professional Football Players

PhD Araguacy Filgueiras, Ceará Federal University, Guimarães (P), PhD Raul Fangueiro, University of Minho, Engineering School, Department Textile Engineering, Guimaraes (P)

10.40h AX.3.5 – Improved Performance Under Pressure

Dr. Penelope Watkins, London College of Fashion, University of the Arts, London (GB)

11.05h Break



Chairperson: Dr. Jan Laperre, Centexbel, Gent/Zwijnaarde (B)

11.25h AX.3.6 – Development of Intelligent Turnout Gear for Dynamic Thermal Protection

Prof. Eunae Kim, Prof. Shinjung Yoo, Jiyeon Lee, Bumki Baek, Sooyoung Hwang, Yonsei University, Seoul (KR)

11.50h AX.3.7 – E-Textiles Possessing Natural Thermoregulation Properties

Dr. Laurent Aubouy, Francisco Javier Jiménez Romero, Lorenzo Bautista Pérez, Meritxell de la Varga, Albert Briz Aguilar, Dr. Milena Tzvetkova, Technological Centre LEITAT, Terrassa (E), Antonio Barroso Quinones, Tombaksolar, Badalona (E)

12.15h AX.3.8 – The Launch of AEGIS Enhanced: New Additional Functionalities for Antimicrobial Protection

Ing. Alain Langerock, Devan Chemicals, Ronse (B), Dr. John Ellis, Devan PPT, Derbyshire (GB)

12.40h AX.3.9 – Need for Task-fitted Protection – How to Realize this in Fire Fighters' Clothing

Dr. Helena Mäkinen, Susanna Mäki, Rija Ilmarinen, Finnish Institute of Occupational Health, Helsinki (FIN), Heikki Kervinen, Länsi-Uudenmaa Rescue Service Region, Espoo (FIN)

13.05h AX.3.10 – New Functional Trousers: Weather Protection Combined with Indoor Comfort

Uli Spindler, Karin Dürhammer, Petra Kießling, W.L. Gore & Associates, Putzbrunn (D)

4 Technology

Chairperson: Dr. Jan Laperre, Centexbel, Gent/Zwijnaarde (B)

09.00h **AX.4.1 – Quo vadis Nanotech: Products, Opportunities, Risks, Future**

Hans-Jürgen Hübner, Schoeller Textil AG,
Sevelen (CH)

09.25h **AX.4.2 – Sol-gel, Durable Nano-metric Coatings for Hydrophilic/Hydrophobic Surface Modification**

Dr. Inge De Witte, Dr. Luc Ruys, Centexbel,
Zwijnaarde (B), Marc Poorteman, Cathy Delmotte,
CWOBKN/CRIBC, Mons (B)

09.50h **AX.4.3 – Flexible Nonwoven Finishing for Innovative Products**

Dipl.-Ing. Wolfgang Fechner,
Karl Menzel Maschinenfabrik, Bielefeld (D)

10.15h **AX.4.4 – Technical Textiles with Catalytic Properties**

Dr. Klaus Opwis, Prof. Dr. Eckhard Schollmeyer,
Deutsches Textilforschungszentrum Nord-West e.V.,
Krefeld (D)

10.40h **AX.4.5 – Sol-gel-based Coatings to Achieve High UV-absorption or Photo-catalytic Surfaces**

Torsten Textor, Frank Schröter, Prof. Dr. Eckhard
Schollmeyer, Deutsches Textilforschungszentrum
Nord-West e.V., Krefeld (D)

11.05h **Break**

4 Technology

Chairperson: Dr. Jan Laperre, Centexbel, Gent/Zwijnaarde (B)

11.25h **AX.4.6 – New Applications and End Uses for the PCM Technology from Outlast Technologies Inc.**

Roland Cox, Mark Hartmann, Outlast Technologies Inc., Boulder (USA)

11.50h **AX.4.7 – Flame-resistant and Anti-electrostatic Knitted and Woven Fabrics Manufactured by Using New Finishing Applications**

Elzbieta Mielicka, Bodumil Swiderski, Wlodzimierz Dominikowski, Romualda Kozminska, Institute of Knitting Techniques & Technologies TRICOTEXTIL, Lodz (PL), Jan Marek, Lenka Martinkova, Inotex Ltd., Dvur Kralove (CZ), Salme Nurmi, VTT (Technical research Centre of Finland), Tampere (FIN)

12.15h **AX.4.8 – Laser Welding and Sealing for Manufacture of Outer Garments – ALTEX Project Progress**

Ian Jones, TWI Ltd., Cambridge (GB), Dirk Hänsch, Prolas Produktionslaser GmbH, Würselen (D), Lorenzo Perelli, D'Appolonia SpA, Genova (I), Riccardo Corsini, HighTech Engineering S.r.l., Modena (I), Elena Turco, Grado Zero Espace, Terrafino (I)



5 Fashion

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

09.00h **AX.5.1 – The Conceptual Age**
Tom Savigar, The Future Laboratory Ltd., London (GB)

09.25h **AX.5.2 – Skin: Emotional Sensing Garments**
Clive van Heerden, Lucy McRae, Philips Design
Soft Technology Lab, Eindhoven (NL)

09.50h **AX.5.3 – Personal Expression and Wearable Technologies**
Despina Papadopoulou, Studio 5050,
New York (USA)

10.15h **AX.5.4 – Magic and Technology – Hussein Chalayan Spring 2007 – In the Artist's Eye**
Ceri Isaac, College of Fashion/University of the Arts London, London (GB)

10.40h **AX.5.5 – How I-Tunes became Fashion**
Mathilda Tham, Department of Design, Goldsmiths College, London University, London (GB)

11.05h **Break**



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

11.25h **AX.5.6 – Electronically Integrated Products – How to Ensure Reliability and Commercial Success**
Ben May, PDD Group Ltd., London (GB)

11.50h **AX.5.7 – Taking Fashion Prototypes to Market**
Angel Chang, Angel Chang LLC, New York (USA)

12.15h **AX.5.8 – Biocouture: Growing Bacterial Cellulose for Use in Clothing**
Suzanne Lee, Central Saint Martins, University of the Arts, London (GB), Dr. David Hepworth, Cellucomp Ltd., Burntisland (GB)

12.40h **AX.5.9 – Technology Transfer of Biology into Clothing and Textiles**
Veronika Kapsali, University of Bath, London (GB)

13.05h **AX.5.10 – Spray-on-Textiles for Aesthetic Medication Delivery**
Dr. Manel Torres, Prof. Paul Luckham, Fabrican, London (GB)

Chairperson: Dipl. Phys. Jürgen Berger, VDI/VDE
Innovation + Technik GmbH, Berlin (D)

09.00h **AX.6.1 – Integration Technologies for Electronics
in Textiles**

Dipl.-Ing. Torsten Linz, Dipl.-Phy. Christine
Kallmayer, Fraunhofer IZM, Berlin (D)

09.25h **AX.6.2 – Personal Textile Electrodes PTE**

Dipl.-Ing. Markus Weder, Empa, St. Gallen (CH),
Odd Roar Lofterod, Odlo International,
Hünenberg (CH)

09.50h **AX.6.3 – Electrically Active Knitted Structures**

Dr. Tilak Dias, The William Lee Innovation Centre,
University of Manchester, Manchester (GB)

10.15h **AX.6.4 – Sensing Fabrics for Body Posture and
Gesture Classification**

Dr. Alessandro Tognetti, University of Pisa,
Faculty of Engineering, Pisa (I)

10.40h **AX.6.5 – Vital-Jacket™: A Wearable Wireless Vital
Signs Monitor for Patients' Mobility**

Dr. João Paulo Silva Cunha, Bernardo Cunha,
William Xavier, Nuno Ferreira, António Sousa
Pereira, IEETA Universidade de Aveiro, Aveiro (P)

11.05h **Break**

Chairperson: Dipl. Phys. Jürgen Berger, VDI/VDE
Innovation + Technik GmbH, Berlin (D)

11.25h **AX.6.6 – Healthcare and Safety – Clothing with
Integrated Sensors, Electronics and Mobile Energy**

Dipl.-Ing. Hansjürgen Horter, Bernd Göppinger,
Carsten Linti, Prof. Dr.-Ing. Heinrich Planck,
Institut für Textil- und Verfahrenstechnik
Denkendorf, Denkendorf (D)

11.50h **AX.6.7 – Lumalive Light Emitting Textiles**

W. B. Zeper, E. Zainzinger, M. Krans, Philips
Phototonic Textiles, Eindhoven (NL)

12.15h **AX.6.8 – Wearable Electronics – Visions and Ideas
Become Touchable Reality**

Markus Strecker, Interactive Wear AG,
Starnberg (D)

12.40h **AX.6.9 – Wearable Technology and Interactive
Fashion**

Ryan Genz, Francesca Rosella, CuteCircuit Ltd.,
London (GB)



Chairperson: Dr. Isa Hofmann, iHOFMANN-CONSULTING,
Communication, Marketing & Innovative Strategies,
Wiesbaden (D)

**09.00h AX.7.1 – Biofunctional Textiles in Care, Diagnosis
and Therapy for Geriatric Applications**

Dr. Dirk Höfer, Hohenstein Institutes,
Boennigheim (D)

**09.25h AX.7.2 – Clinically Observed Studies and Wear Trials
on Skin Friendliness and Wear Comfort of Natural
Textiles of TENCEL®**

Dipl.-Ing. Dr. K. Christian Schuster, Ing. Gabriele
Emlinger, Sylvia Happel, Lenzing AG, Textile
Innovation, Lenzing (A), Univ.-Prof. Dr. med.
Thomas L. Diepgen, University of Heidelberg,
Dept. of Social Medicine, Occupational and
Environmental Dermatology, Heidelberg (D),
Dr. med. Imke König, Therme Stegersbach,
Stegersbach (A)

**09.50h AX.7.3 – Design meets Technology to Enhance
the Wear Comfort and Appeal of Orthopedic
Devices**

Guillaume Duport, GIBAUD SAS, Saint-Etienne (F),
M. Ludovic Belair, Louis Vidon, Le Grande Lemps (F)

**10.15h AX.7.4 – Wearable Sensors and Actuators –
Improving Human Performance**

Prof. Dermot Diamond, National Centre for Sensor
Research, Dublin City University, Dublin (IE),
Prof. Gordon Wallace, ARC Centre of Excellence for
Electromaterials Science, University of Wollongong,
Wollongong (AUS)



Chairperson: Dr. Isa Hofmann, iHOFMANN-CONSULTING,
Communication, Marketing & Innovative Strategies,
Wiesbaden (D)

10.40h AX.7.5 – New Technologies to Print Conductive Structures on Textiles

Dr. Anton Kaasjager, TNO Science and Industry,
Eindhoven (NL)

11.05h Break

11.25h AX.7.6 – Sensory Clothing Concepts: Microfluidic Devices and their Fields of Application from Wellbeing to Care for the Elderly

Dr. Jenny Tillotson, Central Saint Martins
University of the Arts, London (GB), Jonathan
Lloyd-Platt, Sensory Design & Technology,
St. Johns' Innovation Centre, Cambridge (GB),
Prof. Andreas Manz, ISAS – Institute for Analytical
Sciences, Dortmund (D)

11.50h AX.7.7 – MagIC: A Textile Based Wearable System for Vital Sign Monitoring

Marco Di Rienzo, Fondazione Don Carlo Gnocci
ONLUS, Milano (I)

12.15h AX.7.8 – OFSETH: Optical Fibre Sensors Embedded in Technical Textiles for Healthcare

Fabrice Pirotte, Centexbel, Chaineux (B),
Augustin Grillet, MULTITEL, Mons (B),
Dr.-Ing. Dipl.-Phys. Katerina Krebber, Working
Group „Fibre Optic Sensors“, Berlin (D)/Sensors
Federal Institute for Materials Research and Testing
(BAM), Berlin (D)



Chairperson: Dr. Isa Hofmann, iHOFMANN-CONSULTING,
Communication, Marketing & Innovative Strategies,
Wiesbaden (D)

12.40h **AX.7.9 – VISURESP: A Noninvasive Measuring and
Monitoring Device to Detect and Control Human
Ventilation and Swallowing**

Gila Benchetrit, Ramine Baghai, RBI, Meylan (F)

13.05h **AX.7.10 – Challenges and Opportunities for
Commercialization of Wearable Health Monitoring
Systems**

Qaizar Hassonjee, Christopher DeFusco, Roger
Armitage, Stacey Burr, Textronics, Inc., Wilmington
(USA)

Information

Participation registration: Conventure Messe Frankfurt,
Phone +49 69 75 75-54 33, Fax +49 69 75 75-57 37,
AXSymposium@messefrankfurt.com

Hotel Reservation

Tourismus + Congress GmbH,
Phone +49 69 21 23 08 08, Fax: +49 69 21 24 05 12,
info@infofrankfurt.de, www.frankfurt-tourismus.de

Lectures

The Avantex-Symposium 2007 will be held at Congress Center Messe Frankfurt. 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 application form in this program or the **online registration** at www.avantex.messefrankfurt.com.

The form may be copied for additional registration.

The deadline for acceptance of your registration (by mail or by fax) is **31 May 2007**. 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 Fees Symposium

Conference Fees

	Early Bird Fee until 11.5.2007 ²	from 12.5.2007 and at the Symposium
11.-14.6.2007	€ 360.00	€420.00
11.6.2007	free of charge ¹	free of charge ¹
12.6.2007	€ 150.00	€175.00
13.6.2007	€ 150.00	€175.00
14.6.2007	€ 150.00	€175.00

Conference Fees Exhibitors

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

	Early Bird Fee until 11.5.2007 ²	from 12.5.2007 and at the Symposium
11.-14.6.2007	€ 270.00	€ 320.00
11.6.2007	free of charge ¹	free of charge ¹
12.6.2007	€ 110.00	€ 135.00
13.6.2007	€ 110.00	€ 135.00
14.6.2007	€ 110.00	€ 135.00

¹ Organizers are EURATEX, its Working Group Technical Textiles and Avantex/Tehtextil.

Conference Fees University Staff

Conference Fees for university staff (only possible with confirmation from the university in advance until 31.5.2007):

	in advance only until 31.5.2007 ²	no ticket sales on the day
11.-14.6.2007	€ 175.00	–
11.6.2007	free of charge ¹	–
12.6.2007	€ 75.00	–
13.6.2007	€ 75.00	–
14.6.2007	€ 75.00	–

¹ Organizers are EURATEX, its Working Group Technical Textiles and Techtexsil/Avantex.

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 11.5.2007 ²	12.5. and at the Symposium
11.-14.6.2007	€ 50.00	€ 35.00

² Tickets purchased before and including 11.5.2007, for university staff before and including 31.5.2007, include admission to Avantex and Techtexsil on the days booked. Participants booking the Avantex-Symposium can also attend the parallel Techtexsil-Symposium.

All prices include 19% VAT.

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.

Admission Tickets Trade Fair

You can also obtain additional admission tickets for the Avantex trade fair 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	€ 34,00	€ 46,00
Day Ticket	€ 19,00	€ 26,00
Day Ticket, Reduced	–	€ 15,00

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

Or order your admission tickets quickly and easily online at www.avantex.messefrankfurt.com. You can print out your tickets at home or in the office.

Avantex-Forums Opening Hours

12 – 13 June 2007: 9.00 – 18.00 h
14 June 2007: 9.00 – 17.00 h

At Avantex photography is strictly prohibited.

Getting here

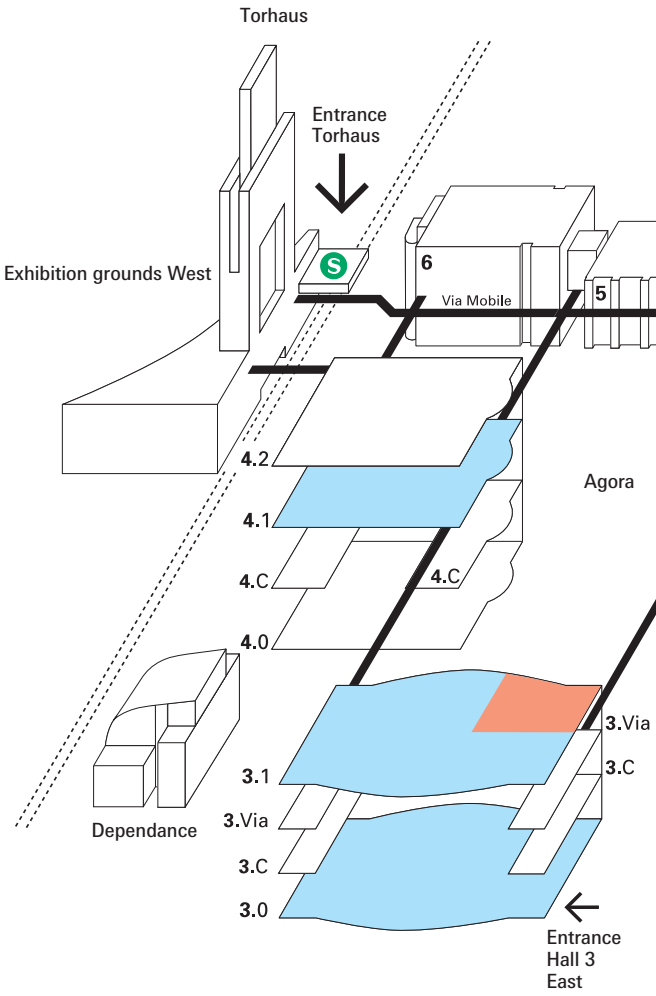
By car: Follow the signs for “Messe” on all motorway exits. These lead you to the Rebstock car park, from where a free shuttle bus service will bring you straight to the exhibition entrance.

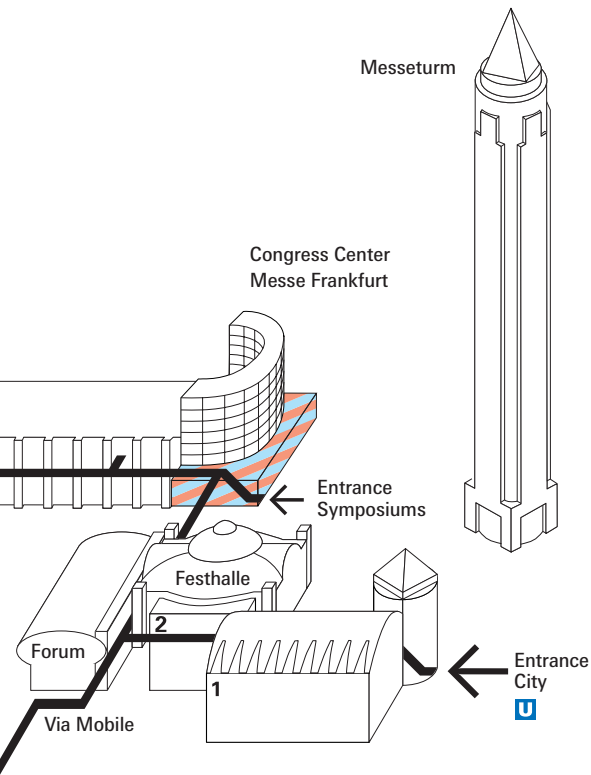
By plane: From Frankfurt/Main airport take S-Bahn lines S8 or S9 to Frankfurt station (Hauptbahnhof). Then follow “By rail” directions below.

From Frankfurt-Hahn airport there is a chargeable shuttle bus (journey time about 1:45 hrs) to Frankfurt station. Then follow “By rail” directions below.

By rail: From Frankfurt station (Hauptbahnhof) it is a few minutes to the fairground City entrance. Take trams 16 or 17, subway (U-Bahn) line U4 or a taxi. Alternatively S-Bahn lines S3, S4, S5 or S6 will take you just as quickly to the Torhaus entrance.

You will find further information on the internet at www.avantex.messefrankfurt.com





Hall 3.1  Avantex

Halls 3.0/3.1/4.1  Techttextil

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