

47TH DORNBIRN MAN-MADE FIBERS CONGRESS, AUSTRIA 17 - 19 SEPTEMBER 2008



Communicating the Textile Future



As per 31.05.2008
For updates please see
www.dornbirn-mfc.com

- > 700 participants
- > 30 nations
- > 100 lectures

- >> New Developments in Fibers
Sustainability
- >> Sportswear
Elastic / Bioactive
- >> Safety
Flame Retardant
- >> Technical Textiles
Civil Engineering
- >> Nonwovens
- >> EU Research-Projects
- >> Last Minute Highlights

Registration:
www.dornbirn-mfc.com

PROGRAMME

DEAR PARTICIPANTS



The currents of our time bring the topic “Nachhaltigkeit” or “sustainability” to our 47th Man-made Fibers Congress. The concept is literally rooted in European forestry: it originally described the idea that we cannot take more from the living resource forest than natural regeneration provides, if we want to pass this foundation of life on to future generations. German texts from as early as the 17th and 18th centuries refer to the “eternal forest” and “sustainable forestry”.

The Club of Rome in 1972 extended the meaning to “a state of global balance” in its report “The Limits to Growth” and the concept was termed “sustainability” in English.

Global mega-trends such as the depletion of resources by a growing world population and rising affluence with resulting price increases for energy and raw materials make sustainability a topic everybody talks about. Global warming as a result of increased fossil fuel utilization has added further urgency to the demands made on governments and industries.

Our congress will show that the European and global man-made fiber industry actively works on many of the related issues and concerns. Clothing after all is an essential primary human need, along with food and health. Our industry can and will contribute to keeping our planet Earth a habitable place worth living on. And I am convinced that we will yet again prove our innovative ability by transforming the pressure of global developments into impulse for new ideas and better technology.

Assessments of the life cycles of various man-made fibers suggest that these industrial products are wrongly portrayed as ecologically inferior. They actually are superior to natural fibers in many respects, such as favourable water consumption rates and no or little pressure on agricultural land for food production.

But these are not laurels to rest on: sustainability is not a state but the dynamic development of a concept. From this 47th Man-made Fibers Congress at Dornbirn I expect lively discussion on the many aspects of the topic “sustainability” and pooling of ideas on innovative ways and means to keep and make this planet habitable and liveable.

This is in all our vital interest – as business people and as private individuals.

Global developments in a networked world require lots of communication – therefore let us make this congress a platform of mutual exchange!

With my best personal wishes

A stylized, handwritten signature in black ink, appearing to read 'Thomas Fahnenmann'.

Thomas Fahnenmann
President, Austrian Man-Made Fibers Institute (Austrian-MFI)

17 SEPTEMBER 2008
09:00 - 12:15

HALL **A**

PLENARY LECTURES

Chairman: Colin M. Purvis
CIRFS, Brussels (B)

09:00 Opening by Thomas Fahnemann
President AUSTRIAN MAN-MADE FIBERS INSTITUTE

09:25 Welcome Addresses

09:35 Colin M. Purvis
CIRFS, Brussels (B)
>> **Awarding of the Paul Schlack
Man-Made Fibers Prize**

09:50 Gerhard Wedam
EnergijSA, Istanbul (TR)
>> **Resources, Availability and Changes
in the Production of Electrical Energy**

10:15 Break

10:35 Lynn Bergeson
Bergeson & Campbell, Washington (USA)
>> **Health, Safety and Environmental
Aspects of Nanotechnology**

10:55 Roger Lee
Tecnon OrbiChem, London (GB)
>> **Market Developments for Fibers**

11:15 Bill Lakin
EURATEX, Brussels (B)
>> **EU Textile Industry – Vision for the Future**

11:35 Pierre Conrath
EDANA, Brussels (B)
>> **The Contribution of Nonwovens
to a Sustainable World**

11:55 Peter Michael Schultes
Technische Universität Wien, Vienna (A)
>> **Fiber Requirements from Civil Engineering**

12:15 Joining for Lunch

WEDNESDAY MORNING

17 SEPTEMBER 2008
09:00 - 12:15

HALL **B**

No Lectures

WEDNESDAY MORNING

17 SEPTEMBER 2008
09:00 - 12:15

HALL **C**

No Lectures

WEDNESDAY MORNING

17 SEPTEMBER 2008
13:30 - 18:20

HALL **A**

NEW DEVELOPMENTS IN FIBERS

Chairman: Francesco Prezavento
Assofibre (I)

13:30 Akihiro Omatsuzawa
Japan Chemical Fibers Association, Tokyo (J)
>> **Fiber Innovations in Japan**

13:55 Arun Pal Aneja
Reliance Industries Ltd., Mumbai (IND)
>> **New Developments from Reliance in Polyester Fibers**

14:20 Thomas Canova
RHODIA POLIAMIDA E ESPECIALIDADES LTDA, Stanto André (BR)
>> **New Bio-active PA Fiber for Skin Care**

14:45 Manfred Pfadt
TWD-Fibres GmbH, Deggendorf (D)
>> **New High UV-stabilized PES Yarns**

15:10 Karl-Heinz Umbach
Forschungsinstitut Hohenstein, Bönningheim (D)
>> **Development of Business Suits Made from 100% PES with the Same Good Wear Comfort as Suits Made from Wool**

15:35 Break

15:55 Elke Lamberts-Steffes
ADVANSa GmbH, Hamm (D)
>> **New Tops Developments for Coolmax with Wool**

16:20 Bogumil Laszkiewicz
P. Czarniecki, P. Kulpinski, B. Niekaszewicz, M. Rubacha
Technical University of Lodz, Dept. of Man-Made Fibers, Lodz (PL)
>> **Lyocell Technologies Today and in the Future**

16:45 Marcus Krieg¹
Ralf-Uwe Bauer², Thüringisches Institut für Textil- und Kunststoff-Forschung e.V. (TITK)¹, smartfiber AG², Rudolstadt (D)
>> **Smartcell™clima – the Cellulosic-PCM-Fiber with High Functionality**

17:10 Johann Männer
Lenzing AG, Lenzing (A)
>> **TENCEL® – New Cellulose Fibers for Carpets**

17:35 Eamonn Tighe
NatureWorks LLC, Ballyjamesduff (IRL)
>> **Ingeo Biopolymer – Examining to Eco Profile & Making the Case Renewable**

17:55 Felixine Siegmund
R. Dolmans, B. Schmenk
Institut für Textiltechnik der RWTH Aachen, Aachen (D)
>> **BIOTEXT: Properties and Potentials of Biopolymers for Textile Applications**

18:20 End day 1 20:30 Reception Stadthalle Dornbirn

WEDNESDAY AFTERNOON

17 SEPTEMBER 2008
13:30 - 18:20

HALL **B**

SAFETY

Chairman: Hilmar Fuchs
Sächsisches Textilforschungsinstitut (D)

13:30 Marina Crnoja
J. Taylor, Lenzing AG, Lenzing (A)
>> **Tencel Polyamide Fabrics - Interaction Between High Abrasion Resistance and Wearing Comfort**

13:55 Regine Zumloh-Nebe
Chr. Hahn, Teijin Aramid GmbH, Wuppertal (D)
>> **A New Concept for Improved Cut Resistance of Spun Yarns**

14:20 Hervé Ehahoun
W.L. Gore & Associates GmbH, Putzbrunn (D)
>> **Functional Protective Workwear with Antistatic Technology**

14:45 Bernd Gulich
B. Schimanz, H. Erth, Sächsisches Textilforschungsinstitut e.V. (STFI), Chemnitz (D)
>> **Novel Spacer Nonwovens in Heat Protective Clothing**

15:10 Dirk Wenzel
H. Erth, H. Beier, Th. Püster, Sächsisches Textilforschungsinstitut e.V. (STFI), Chemnitz (D)
>> **Textile Protection Systems Against High Radiation of High Energy in New Production Processes**

15:35 Break

15:55 Carlota Espuelas Azofra
Logrotex S.A., Logroño (E)
>> **LEGIOTEX – Textile Systems for Effective Legionella Risk Management**

16:20 Rolf-Dieter Hund¹
D. Militz², D. Kreysig³, Ch. Lück¹, H. Rödel¹, V. Rossbach¹
TU Dresden, Dresden¹, Silvertex GmbH, Hoppegarten² (D)
>> **Silvered Textile Materials for Water Disinfection**

16:45 Alexander Gstettner
Lenzing AG, Lenzing (A)
>> **New Findings Regarding Comfort in Flame-Retardant Protective Wear**

17:10 Patricia Adair
U.S. Consumer Product Safety Commission, Bethesda (USA)
>> **Update on US Regulatory Activities Regarding Textile Flammability**

17:35 Javier Pascual
AITEK, Alcoy/Alicante (E)
>> **Burning Behaviour of Thermofusible Fibers by Nanoclay Additivation**

17:55 Sabyasachi Gaan
V. Salimova, H. Schmid, S. Ottinger
EMPA Materials Science & Technology, St. Gallen (CH)
>> **Novel Phosphorous Flame-Retardants and Co-additives**

18:20 End day 1 20:30 Reception Stadthalle Dornbirn

WEDNESDAY AFTERNOON

17 SEPTEMBER 2008
13:30 - 18:20

HALL **C**

NONWOVENS

Chairman: Hans-J. Koslowski
Deutscher Fachverlag (D)

13:30 Michael Witschas
Advansa GmbH, Hamm (D)
>> **New Short Cut Fibres for Wet Laid Nonwovens from ADVANSa**

13:55 Hironori Goda
Teijin Fibers Ltd., Matsuyama-City (J)
>> **New Polyester Staple Fibers for Novel Functional Nonwoven Fabrics**

14:20 Hans Georg Geus
Reifenhäuser Reicofil GmbH & Co KG, Troisdorf (D)
>> **The Future of the Spun-laid and Meltblown Technology**

14:45 Holger Erth
W. Schilde, D. Blechschmidt, U. Heye, R. Taubner
Sächsisches Textilforschungsinstitut e.V. (STFI), Chemnitz (D)
>> **Spunbonded Nonwovens from Hollow Filaments with Novel Properties**

15:10 Ina Sigmund¹
H. Erth¹, U. Panzer², Sächsisches Textilforschungsinstitut e.V. (STFI), Chemnitz (D)¹, Agrolinz Melamin International, Linz (A)²
>> **Selected Technical Applications of Duromeric Meltblown Nonwovens Made from Duromers**

15:35 Break

15:55 Ulf Panzer¹
H. Bucka¹, S. Pfeiffer¹, B. Riedel², F. Meister²
Agrolinz Melamin International, Linz (A)¹, Thüringisches Institut für Textil- und Kunststoff-Forschung e.V. (TITK), Rudolstadt (D)²
>> **Innovative Meltblown Process for Manufacturing Unique Thermoset Microfibre Nonwovens from Melamine Resins**

16:20 Malcom Hayhurst
Lenzing AG, Lenzing (A)
>> **Meltblown Cellulosic Webs**

16:45 Erwin Glawion
Fleissner GmbH, Egelsbach (D)
>> **Multi-Tool Water Entangling**

17:10 Behnam Pourdeyhi
North Carolina State University, NCRC, Raleigh (USA)
>> **Durable High Strength Micro + Nano Fiber Nonwovens Utilizing Hydroentangling**

17:35 Ulrich Hornfeck
Sandler AG, Schwarzenbach (D)
>> **New Generation of a Hydrophobic Sound Absorber**

17:55 Ezzedine Laourine
Ch. Cherif, TU Dresden, Institut für Textil- und Bekleidungstechnik, Dresden (D)
>> **"Net-Shape" Nonwoven Structures for Medical Use**

18:20 End day 1 20:30 Reception Stadthalle Dornbirn

WEDNESDAY AFTERNOON

18 SEPTEMBER 2008
09:00 - 12:15

HALL **A**

NEW DEVELOPMENTS IN FIBERS

Chairman: Haio Harms
Lenzing AG (A)

09:00 Arun Naik
J. A. Tornero, F. Cano, Instituto de Investigación Textile (INTEXTER), Terrassa (E)
>> **Electrospun Nanofibres and Textiles**

09:25 Nilüfer Erdem, Umit Halis Erdogan
A. A. Cireli, N. Onar, Dokuz Eylül University, Faculty of Engineering, Bornova Izmir (TR)
>> **Structural and Electrical Properties of Polypropylene Nanocomposite Filaments**

09:50 Isabelle Vroman
S. Chelebicki, L. Razafimahefa, Laboratoire de Génie et Matériaux Textiles (GEMTEX), École Nationale Supérieure des Artes et Industries Textiles (ENSAIT), Roubaix (F)
>> **Dyeing Properties of Polypropylene Fibres with Incorporated Nanoclays by Melt-Spinning**

10:15 Break

10:35 Ali Demir
Istanbul Technical University, Istanbul (TR)
>> **The Nanofiber Applications for Automotives: Drastic Decrease in Weight via Better Noise Insulation**

11:00 Forrest Sloan¹
H. Hoshiro², Kuraray America Inc., Fort Mill (USA)¹
Kuraray Co. Ltd., Tokyo (J)²
>> **Development in Vectran® "Arrester" LCP Fiber Technology**

11:25 N.N.
N.N.
>> **Title of lecture not available at date of printing**

11:50 Dirk Schawaller
B. Clauß, ITCF, Denkendorf (D)
>> **Development of Nonoxide Ceramic Fibers**

12:15 Joining for Lunch

18 SEPTEMBER 2008
09:00 - 12:15

HALL **B**

SAFETY

Chairman: Karl-Heinz Umbach
Forschungsinstitut Hohenstein (D)

09:00 Petra Krücken
Trevira GmbH, Bobingen (D)
>> **Trevira Flame-Retardant Developments / Trevira CS + CS Bioactive – Mode of Action, Application, Market**

09:25 Derya Özdemir
M. Sezen, KORTEKS Yarn, Bursa (TR)
>> **Thermal Analysis of Flame-Retardant Polyester Fibers**

09:50 Jarmo Karjalainen
Kuitu Finland Oy, Valkeakoski (FIN)
>> **Flame-Retardant Fibre**

10:15 Break

10:35 Ingo Stuhlmann
ITOCHU Deutschland GmbH, Hamburg (D)
>> **Tanlon Against Fire – an Option in the Market of Flame- and Fire Resistance Textile Products**

11:00 Alex Lievens
Concordia Textiles N.V., Waregem (B)
>> **Inherent Flame Retardant Fibers into FR Fabrics for Workwear and Industrial Applications**

11:25 N.N.
N.N.
>> **Title of lecture not available at date of printing**

11:50 Francois-Xavier Delatte
DUFLOT Industries, Caudry Cedex (F)
>> **Which Technical Fibres to Create Fireblockers in Transport for Safety Standards**

12:15 Joining for Lunch

18 SEPTEMBER 2008
09:00 - 12:15

HALL **C**

TECHNICAL TEXTILES

Chairman: Heinrich Planck
ITV Denkendorf (D)

09:00 Peter Ebenhoch
Kunert GesmbH, Rankweil (A)
>> **New Developments with Technical Textiles**

09:25 Werner Moser
Mattes & Ammann KG, Meßstetten-Tieringen (D)
>> **Eco Planet - Future Perspectives - Application in Knitted Technical Textiles Based on Sustainable Raw Materials**

09:50 Manuela Frick¹
K. Bredereck¹, F. Effenberger², Universität Stuttgart, Stuttgart¹, ITCF, Denkendorf² (D)
>> **Photochromic Textiles – Preparation and Properties**

10:15 Break

10:35 Ralf Nörenberg
W. Badura, BASF AG, Ludwigshafen (D)
>> **Self-cleaning Technical Textiles**

11:00 Alexandra Ausperger
Hahl Filaments GmbH, Munderkingen (D)
>> **Abrasive Filaments for the Technical Brush and Tool Industry**

11:25 Filippo Bona
R. Parenzan, RADICIFIL SpA, Villa D'Ogna (I)
>> **New Proposals in Polyester for Technical Applications**

11:50 Luc Ruys
R. v. Olmen, V. Herrygers, CENTEXBEL, Zwijnaarde (B)
>> **Polymers with Controlled Biodegradation for Implementation as Technical Textiles**

12:15 Joining for Lunch

THURSDAY MORNING

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18 SEPTEMBER 2008
13:30 - 18:20

HALL **A**

SUSTAINABILITY

Chairman: Heinz Meierkord
ADVANSASASA (TR)

13:30 Robert Kirkwood
Invista S.a.r.l., Wilmington (USA)
>> **Ecological Aspects of Man-Made Fibers**

13:55 Martin Patel
L. Shen, Utrecht University, Utrecht (NL)
>> **Comparative Environmental Assessment of Man-Made Cellulose Fibers**

14:20 Jim Taylor
Lenzing AG, Lenzing (A)
>> **Environmental Benefits in the Processing of Lyocell Fibers**

14:45 Françoise Henrio
Rhodia Performance Fibres, Valence (F)
>> **The Influence of Sustainability – Rhodia Way – an Innovative Working Tool**

15:10 Xavier Valera¹, Inma Micó²
FIBRAS EUROPEAS DE POLIESTER, Barcelona¹, AITEX, Alcoy² (E)
>> **FEP – For a More Sustainable Future: Made in Green**

15:35 Break

15:55 Emanuele Pivotto
E. Fassiola, Sinterama S.p.A., Sandigliano (I)
>> **How Can a Polyester Yarn Manufacturer Keep Growing Through Sustainable Development?**

16:20 Andreas Bartl
I. Marini, Technische Universität Wien, Vienna (A)
>> **Fiberrecycling**

16:45 Ziya Fahrioglu
T. Özcan, ADVANSASASA Polyester AS, Adana (TR)
>> **PET Recycling with a View on Fibres in Turkey**

17:10 Bob Peoples
Carpet and Rug Institute, Dalton (USA)
>> **The New Sustainability Standard for Carpets**

17:35 Gerald Kennedy
DuPont, Haskell Labs., Newark (USA)
>> **Flourochemical Toxicology**

17:55 Paul Roshan
LEITAT Technological Centre, Terrassa (E)
>> **Eco-Technologies for Polyester Processing**

18:20 End day 2

THURSDAY AFTERNOON

18 SEPTEMBER 2008
13:30 - 18:20

HALL **B**

EU RESEARCH-PROJECTS

Chairman: Lutz Walter
EURATEX (B)

13:30 Holger Erth¹
D. Zangani², P. Frantza¹, M. Seeger¹, E. Thiele¹, H. Metschies¹, Sächsisches Textilforschungsinstitut e.V. (STFI), Chemnitz (D)¹, D'Appolonia, Genua (I)²
>> **POLYTECT – Polyfunctional Technical Textiles Against Natural Hazards**

13:55 Christian Rotsch
D. Zschenderlein, U. Möhring, Textilforschungsinstitut Thüringen-Vogtland (TITV) e.V., Greiz (D)
>> **Conductive Thread Materials for the Integration of Contactless Sensors for Stress Level Monitoring Cloths**

14:20 Lieva Van Langenhove
University Gent, Zwijnaarde (B)
>> **Developments in the EU Project PROETEX on Smart Suits for Rescue**

14:45 Guy Buyle
CENTEXBEL, Zwijnaarde (B)
>> **Acteco – Eco Efficient Activation for Hyper Functional Surfaces**

15:10 Carole Magniez¹, Karnik Tarverdi²
IFTH, Vielleneuve d'ascq (F)¹, Brunel University, Uxbridge (GB)²
>> **Review of Flexifunbar Project¹, Blending and Spinning of Activated Carbon with Polymers²**

15:35 Break

15:55 Patrice Vandendaele
Devan Chemicals (B)
>> **Elaboration of a New Halogen Free Master Batch for PA-6 Fibers**

SPORTSWEAR

Chairman: Josef Spijkers
CIRFS (B)

16:20 Martin Rupp
Forschungsinstitut Hohenstein, Bönningheim (D)
>> **Sportswear Quality – Material, Function and Workmanship Requirements**

16:45 Nina Kocjan¹
C. P. Bogerd¹, C. Perret², R. Rossi¹, EMPA Materials Science & Technology, St. Gallen¹, Swiss Olympic Medical Center, Nottwil² (CH)
>> **Application of Cooling Garments to Improve Athlete's Endurance Performance**

17:10 Sabine Gimpel
C. Rotsch, U. Möhring, Textilforschungsinstitut Thüringen-Vogtland (TITV) e.V., Greiz (D)
>> **Textile-based Electro-myostimulation for Active Training Wear**

17:35 Matteo Fontanella
Miroglia SpA, Saluzzo (I)
>> **Mirhon New Life Recycled PET: A Responsible Answer to Sportswear Needs**

17:55 End day 2

THURSDAY AFTERNOON

18 SEPTEMBER 2008
13:30 - 18:20

HALL **C**

TECHNICAL TEXTILES

Chairman: Günther Gleixner
ASOTA GmbH (A)

13:30 Manuel Rossi
F. Henrio, Rhodia Performance Fibres, Valence (F)
>> **The Big Advantages of the Polyamide 6.6 Fibers in Comparison to other Synthetic Fibers for Technical Application**

13:55 Thomas Stegmaier
P. Schneider, V. v. Arnim, H. Planck, ITV, Denkendorf (D)
>> **Construction with Technical Textiles – Chance and Challenge**

14:20 Mikael Skrifvars
A. Soroudi, University College of Borås, Borås (S)
>> **Preparation of Conducting Fibres by Melt Spinning of Polyaniline-Polypropylene Blends Modified with Carbon Nanotubes**

14:45 Wolfgang Plasser
S. Zauner, Lenzing Plastics GmbH, Lenzing (A)
>> **Lenzing PROFILEN® and other Fluoropolymer Materials for Advanced Design Options in Interior and Outdoor Architecture**

15:10 Thomas Engler
J. Hausding, Ch. Cherif, TU Dresden, Institut für Textil- und Bekleidungstechnik, Dresden (D)
>> **Current Developments in the Field of Textile Structures for Concrete Reinforcement**

15:35 Break

15:55 Plamen Kravaev
S. Janetko, Institut für Textiltechnik der RWTH Aachen, Aachen (D)
>> **Commingling Yarns for Textile Reinforced Concrete**

16:20 Jan Beringer¹, Alexandra Saur²
Forschungsinstitut Hohenstein, Bönningheim¹, Fraunhofer Institut für Bauphysik, Valley² (D)
>> **Textile Facade Systems**

16:45 Wolfgang Scheibner¹
H. W. Zier², U. Möhring¹, Textilforschungsinstitut Thüringen-Vogtland e.V., Greiz¹, Bauhaus-Universität Weimar² (D)
>> **Some Examples for the Application of Textile Fibre Composites in Desalting and Preservation of Historical Monuments**

17:10 Wolfgang Trümper¹
T. Weser¹, O. Diestel¹, Ch. Cherif¹, J. Wehsener², P. Haller²
TU Dresden, Institut für Textil- und Bekleidungstechnik¹, Institut für Stahl- und Holzbautechnik², Dresden (D)
>> **Development of Semi-finished Textiles for the Reinforcement of Wood Constructions**

17:35 Dominik Zimmermann
U. Zihlmann, Sanitized AG, Burgdorf (CH)
>> **Sanitized – Chances for Construction Companies**

17:55 Guillaume Tiberghien
TIBTECH Innovations, Marcq en Baroeul (F)
>> **Selective Galvanizing/Plating of Steel and Thermo-plastic Nonwoven Material with Anti-corrosion Metal**

18:20 End day 2

THURSDAY AFTERNOON

19 SEPTEMBER 2008
09:00 - 13:05

HALL **A**

NEW DEVELOPMENTS IN FIBERS

Chairman: Ingo Marini

Technische Universität Wien (A)

09:00 Andreas Bartl
D. Pico, I. Marini, Technische Universität Wien, Vienna (A)
>> **Textile Basalt Filaments as a Material of the Future**

09:25 Stephan Walter
Institut für Textiltechnik der RWTH Aachen, Aachen (D)
>> **PVDF Multifilament Yarns: Production, Processing and Applications**

09:50 Thomas Leopold
M. Waldmann, Ch. Cherif, TU Dresden, Institut für Textil- und Bekleidungstechnik, Dresden (D)
>> **Novel Approach for the Manufacture of Hybrid Yarns for High Performance Composites**

10:15 Michael Müller
F. Kisling, PEDEX GmbH, Wald-Michelbach (D)
>> **Innovative Multi Component Mono-filaments for Dental Care Application**

10:40 Break

11:00 Ludwig Bullinger
Dolan GmbH, Kelheim (D)
>> **Acrylic Fibers in Technical Applications for Most Demanding Requirements**

11:25 Andreas Flachenecker
Polyamide High Performance GmbH, Wuppertal (D)
>> **Super Low Shrinkage Polyamide Yarns**

11:50 Suprit Pal Singh
M. Reichwein, Oerlikon Barmag, Remscheid (D)
>> **New Technology and Market Approach in Melt Spun Fiber Specialities: From Small Niche to Sizeable Volumes**

12:15 Malcom Hinchliffe
Oerlikon Fibervisions Ltd., Macclesfield (GB)
>> **On-line Characterisation of Broken Filaments and Fluffs**

12:40 Jörn Felix Lübben
EMPA Materials Science & Technology, St. Gallen (CH)
>> **Characterizing the Local Properties of Novel and Adaptive Materials with the Atomic Force Microscope**

13:05 Closing

FRIDAY MORNING

19 SEPTEMBER 2008
09:00 - 13:05

HALL **B**

LAST MINUTE HIGHLIGHTS

Chairman: Wilhelm Rauch

Industrievereinigung Chemiefasern (D)

09:00 Peter Täubl
Verband der Automobilindustrie e.V.
>> **German Association of the Automotive Industry - Structure and Tasks of the Materials Committee**

09:25 Irina Messerschmidt¹
H.P. Schlegelmilch¹, C. Schwager¹, E. Weber², imat-uve gmbh, Mönchengladbach¹, Adam Opel GmbH, Rüsselsheim² (D)
>> **Research of Context Between Customer's Profile, Clothing and Experienced Damages on Car-Seat-Covers**

09:50 Felix Frey
EMPA Testmaterialien AG, St. Gallen (CH)
>> **The Birth of a Testing Material**

10:15 Andreas Weber
Oerlikon Heberlein Temco Wattwil Inc., Wattwil (CH)
>> **New Era in T & I Yarn Production with Heberlein® Air Jets**

10:40 Break

11:00 Ulrich Mörschel
Textechno Herbert Stein GmbH & Co KG, Mönchengladbach (D)
>> **Automated Linear and Tensile Testing of Carbon Fibres**

11:25 N.N.
N.N.
>> **Title of lecture not available at date of printing**

11:50 N.N.
N.N.
>> **Title of lecture not available at date of printing**

12:15 N.N.
N.N.
>> **Title of lecture not available at date of printing**

12:40 N.N.
N.N.
>> **Title of lecture not available at date of printing**

Actual changes will be published on our homepage
www.dornbirn-mfc.com

13:05 Closing

FRIDAY MORNING

19 SEPTEMBER 2008
09:00 - 13:05

HALL **C**

SPORTSWEAR

Chairman: Andreas Tulke

Polyamide High Performance GmbH (D)

09:00 Jordi Lopez
ADVANSA IBERICA S.L., Barcelona (E)
>> **Evolution of Sportswear with ADVANSA Thermocool**

09:25 Emilie Bertaux
S. Derler, V. Ventenat, X. Zeng, EMPA Materials Science & Technology, St. Gallen (CH)
>> **Sport Textiles with Reduced Friction**

09:50 Urs Egli
VAUDE Sport GmbH & Co KG, Tett nang (D)
>> **Vaude Ecosystem**

10:15 Brice Tillmann¹, Gilles Blanc²
DESPARTURE ET FILS, Roubaix¹, Influtherm, Villeurbanne² (F)
>> **A New Software for Thermal Comfort Sensation During Physical Efforts**

10:40 Break

11:00 Dominik Zimmermann
U. Zihlmann, SANITIZED AG, Burgdorf (CH)
>> **Sanitized Silver – For a Clever and Innovative Sportswear**

11:25 Dirk Höfer
Forschungsinstitut Hohenstein, Bönningheim (D)
>> **The Effectiveness of Antibacterial Functional Fibers in Sportswear**

11:50 Gabriela Schellner
H. G. Kluczik, Trevira GmbH, Bobingen (D)
>> **Trevira Bioactive – Innovation in Textiles – Expanding the Functional Range**

12:15 Bernd A. Blech
Trevira GmbH, Bobingen (D)
>> **Research of the Potential Influence of Trevira Bioactive on the Skin Flora**

12:40 John Ellis
Devan-PPT Chemicals Ltd., Dylan Lab, Ambergate (GB)
>> **Improvements in the Elastomeric Properties of Knitted Fabrics by Application of Speciality Polymers**

13:05 Closing

FRIDAY MORNING

IMPORTANT DETAILS FOR PARTICIPANTS

Registration:

Austrian Man-Made Fibers Institute (Austrian-MFI)
Österreichisches Chemiefaser-Institut
Congress Office Dornbirn, Rathausplatz 1, A-6850 Dornbirn
Tel.: +43 (0)5572-36850, Fax: +43 (0)5572-31233
E-Mail: tourismus@dornbirn.at, www.dornbirn-mfc.com

Date of Congress:

Opening: Wednesday, September 17th 2008 at 09:00 a.m.
Closing: Friday, September 19th 2008 at appr. 13:05 p.m.

Location:

Kulturhaus Dornbirn
Rathausplatz 1, A-6850 Dornbirn Vorarlberg/Austria

Nearest Airports:

Zurich (CH), Friedrichshafen (D), Altenrhein (CH)

Registration Fee:

Registration Fee	€ 900,-
Second (and subsequent) delegates from the same company (must be booked and paid for at the same time as first registration)	€ 720,-
Professors / Teachers at Universities and Technical Colleges	€ 390,-
Students	€ 90,-

Cancellation:

All bookings received are binding. Fee refunds will be given on the following scale: Within two weeks of booking: 100%; more than two weeks and before August 14th, 2008 80%; from August 14th, 2008 no refund. Delegates may be substituted at any time.

Registration Fee includes attendance at **all lectures, nonalcoholic beverages during all breaks, luncheon on Wednesday and Thursday, 17th and 18th Sept., manuscripts on CD-ROM and participation in the gala buffet dinner** on invitation of the Mayor of Dornbirn at the Stadthalle Dornbirn on **September 17th, 2008**. Payment on receipt of bill, stating invoice number, name of participant, company and address (details in the Registration Form [or on our homepage](#)).

Terms of payment: On receipt of bill or Creditcard (American Express, Visa, Mastercard).

If returning the registration form by fax or mail the form must be signed.

Please use the enclosed Registration Form or register online: www.dornbirn-mfc.com

IMPORTANT DETAILS FOR PARTICIPANTS

Confirmation of Registration:

Upon registration and remittance of the fee, participants will receive their participation cards as of beginning of August 2008 (serves as confirmation of registration), and the final programme.

Official Languages / Documentation:

Lectures will be presented in German or English with simultaneous interpretation in both directions. The respective manuscripts are available on CD-ROM for all those interested.

Accommodation / Bus Transfer Service / Car Parking (see also Registration Form):

Upon request, Dornbirn Tourismus (Tel.: +43 (0)5572-22188) will help in securing accommodation. Room reservation will be confirmed in writing. Dornbirn Tourismus also informs about bus transfer for attendees staying outside Dornbirn. During the Congress, parking both in the garage of the Kulturhaus and in the surrounding parking lot is free of charge. Tickets are available at the Congress Office.

Liability:

The organiser cannot be held responsible for any cost incurred should the Dornbirn-MFC be cancelled for any reason. Maximum prior notice will be given to delegates. The organiser does not accept any liability for any loss or damage to the personal effects of delegates attending the congress.

INFORMATION



INFORMATION

MANY THANKS TO THE FOLLOWING SPONSORS FOR SUPPORTING THE CONGRESS

AFMA (American Fiber Manufacturers Association)

CIRFS (International Rayon and Synthetic Fibres Committee)

Joka-Werke, Schwanenstadt

Provincial Government of Vorarlberg

Lenzing Aktiengesellschaft

City of Dornbirn

Textination



THE ACTUAL COMMITTEE OF THE MAN-MADE FIBERS CONGRESS, DORNBI RN

Robert H. Barker, AFMA (USA)

Hilmar Fuchs, STFI (D)

Günther Gleixner, Asota GmbH (A)

Haio Harms, Lenzing AG (A)

Heinz Kmonicek, Chairman
AUSTRIAN MAN-MADE FIBERS INSTITUTE (AUSTRIAN-MFI) (A)
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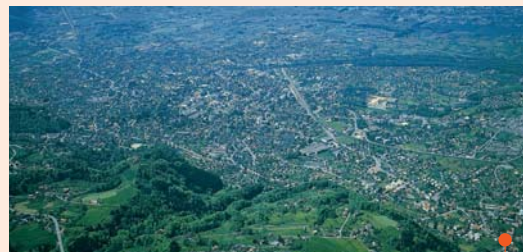
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COMMITTEE

THE MAN-MADE FIBERS SPECIALISTS WILL MEET IN THE HEART OF EUROPE



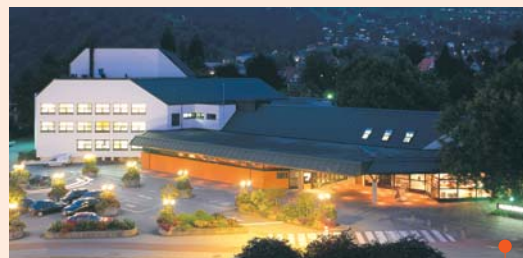
Dornbirn nearby the famous "Lake Constance"

With a population of around 45,000, **Dornbirn** is the largest town in the Vorarlberg region - a pleasant and dynamic town located in a corner of Austria close to the borders of Liechtenstein, Switzerland and Germany.

For further information, contact Dornbirn Tourism directly - your partner in Dornbirn. Our team has been working together with the Dornbirn Man-Made Fibers Congress for many years now and is always at hand to answer any questions you may have.



The center of Dornbirn



The Kulturhaus Dornbirn, location of the congress

FOR FURTHER INFORMATION

Dornbirn Tourismus, Rathausplatz 1, A-6850 Dornbirn

Tel.: +43 (0)5572 22188, **Fax:** +43 (0)5572 31233

E-Mail: tourismus@dornbirn.at

Homepage: www.dornbirn.info

LOCATION

47TH MAN-MADE FIBERS CONGRESS
17 - 19 SEPTEMBER 2008



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