



52ND DORNBIERN MAN-MADE FIBERS CONGRESS

11.-13.09.2013
Austria



PRE-PROGRAMME

As per March 2013

Congress Themes

- Sustainable Solutions for the Fiber Industry
(Bio-polymers and Bio-technology, Man-Made Fibers for Environmental Protection)
- Fiber Innovations
(Filaments)
- Unconventional Fiber Applications
(Composites)
- Finishing
- Sports- and Functional Wear
- Market Overview Korea
(India / Indonesia)

800 participants
from 30 nations
over 100 lectures

Early bird bonus
until May 31st 2013

Registration: www.dornbirn-mfc.com

DEAR PARTICIPANT!



In accordance with our claim "Communicating the Future of Man-made Fibers" we have continued to gear our congress towards future themes like sustainability, innovation and communication with the upcoming generations.

The detailed overall picture is gaining momentum: lectures on trends in textile industry, new business models, development cooperation and the role of man-made fiber producers in the future processing chain can be found as well as requirements for environmentally friendly garments. Reports from growing markets will be illustrated with examples for implementation in the processing chain.

Presentations on fibers made from biopolymers, fibers for environmental protection and unconventional applications, protection of resources in finishing, sports- and functional wear with thermo regulating or monitoring properties will be presented along with product-optimising spinning processes.

The highly detailed printed version of the preliminary programme folder can be seen in an updated version on our homepage www.dornbirn-mfc.com, too.

Within the framework of cluster-events, CIRFS/Brussels and IVC/Frankfurt will hold meetings in Dornbirn. High ranking delegations from AFMA/USA, JCFA/Japan and KOFOTI/Korea are expected. Immediately before the start of our congress ITMF/Zurich will hold its annual conference in Bregenz.

For the first time we will enjoy an exchange of opinions between Cotton- and Man-made Fibers users.

We look forward to your visit in Dornbirn!

A handwritten signature in black ink, appearing to read "H. Kmonicek".

Heinz Kmonicek
Chairman Programme Committee
Dornbirn-MFC

OPENING SESSION

FRIEDRICH WENINGER

Austrian Man-made Fibers Institute, Vienna (A)

Opening**JOSUÉ CHRISTIANO GOMES DE SILVA**

Coteminas S.A. Companhia de Tecidos Norte de Minas, Sao Paulo (BR)

Welcome Address**GIULIO BONAZZI**

CIRFS, European Man-Made Fibres Association, Brussels (B)

The European Man-made Fibers Industry: Meeting the Challenges of Tomorrow's World**HILMAR FUCHS**

Sächsisches Textilforschungsinstitut e.V. (STFI), Chemnitz (D)

Awarding of the Paul Schlack Man-made Fibers Prize**MEIKE TILEBEIN**

Institut für Managementresearch Denkendorf, Denkendorf (D)

The New Textile Revolution – Trends and Challenges at the New Start of the Textile Industry**RYAN YOUNG**

Sustainable Apparel Coalition Inc., San Francisco (USA)

The Higg Index and Collaboration in the Apparel Industry

SUSTAINABLE SOLUTIONS FOR THE FIBER INDUSTRY

GUIDO MEURER

B.R.A.I.N. AG, Zwingenberg (D)

White Biotechnology – Sustainable (Bio-) polymers and Bio-effect Molecules for Fibers and Fabrics with Adapted Properties**BAS KRINS**

API Institute, Emmen (NL)

New High-end Applications of Biopolymers**JOHANN ZIMMERMANN**

NaKu Natürlicher Kunststoff, Wiener Neustadt (A)

Fibers from Biopolymers – Chances, Opportunities and Challenges, Focus on PLA**SIMON KÜPPERS**

Institut für Textil- und Verfahrenstechnik (ITV), Denkendorf (D)

Fiber Reinforced Transport Pallets Made of Bio-based Raw Material**MARTIN HILD¹**M. Jäger², D. Aibibu¹, T. Hanke², C. Cherif¹, Institut für Textilmaschinen und Textile Hochleistungswerkstofftechnik (ITM)¹, Max Bergmann Zentrum für Biomaterialien² TU Dresden, Dresden (D)**Textile Hybrid Structure from Biomaterials for Regenerative Medicine****THOMAS GRETHE**

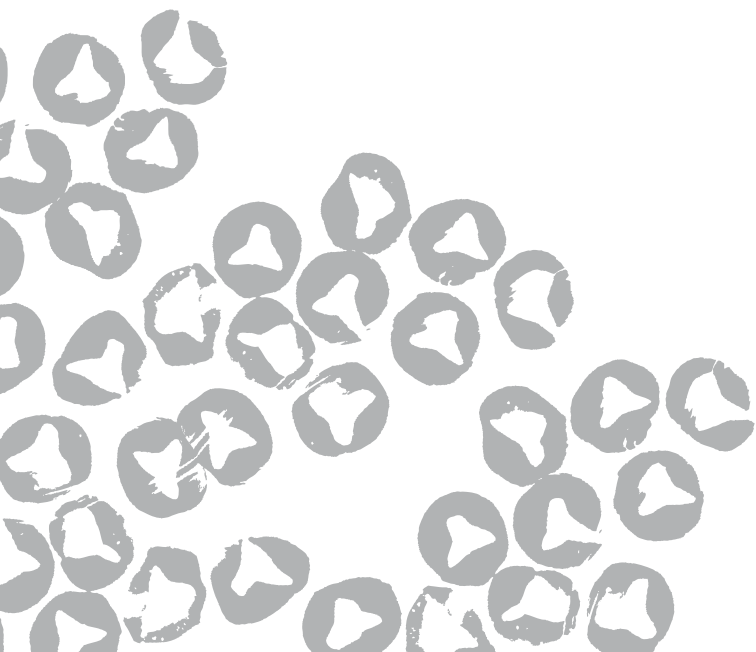
J. Bidu, E. Berg, J. Vavra, B. Mahtig, Hochschule Niederrhein, FB Textil- und Bekleidungstechnik, Mönchengladbach (D)

Antimicrobial Finishing Based on Modified Algae**TIMO R. HAMMER**

D. Höfer, Hohenstein Institut für Textilinnovation gGmbH, Bönningheim (D)

Fiber Production with Bacteria and Fungi – Opportunities of Gaining Raw Materials by Biotechnology**FRANK GÄHR¹**S. Segel¹, M. Doser², N. Mutschenborn², E. Held-Föhn² ITCF Denkendorf¹, ITV Denkendorf², Denkendorf (D)**Coating of Textiles with Biopolymers****EMANUELE PIVOTTO**

Sinterama SpA, Sandigliano (I)

Biopolymers from the Point of View of a Polyester Manufacturer**FILIPPO BONA¹**N. Peduto², RADICI YARN SpA¹, Villa D'Ogna, RADICI CHIMICA SpA², Novara (I)
RADIPOL DC, a Family of Bio-based PA 6,10 for the Extrusion of Sustainable Mono, Multifilament Yarns and Staple Fibers

SUSTAINABLE SOLUTIONS FOR THE FIBER INDUSTRY

MARC VAN PARYS

F. Godefroit, University College Ghent, Ghent (B)
Sustainable UV-technologies for the Textile Factory of the Future

MERYEM UNAL

M. Karatas, Bossa T.A.S., Adana (TR)
Performance Analysis of Denim Fabric Made of Recycled PET

MARCUS KRIEG

J. Bauer, M. Sellin, F. Meister, Thüringisches Institut für Textil- und Kunststoff-Forschung e.V. (TITK), Rudolstadt (D)
Cellulosic Fibres with Natural Oils and Lipophilic Vitamins for New Applications

BORIS MAHLTIG

T. Grethe, E. Lempa, K. Topp, M. Rabe, Hochschule Niederrhein, FB Textil- und Bekleidungstechnik, Mönchengladbach (D)
Textile Coating for Radiation Protection

EDITH CLASSEN

J. Beringer, A. Schmidt, Hohenstein Institut für Textilinnovation gGmbH, Bönnigheim (D)
Investigations about the Release of Nano Silver from Textiles During Washing

ISABEL DE SCHRIJVER¹

L. Van der Schueren¹, E. Fatarella², Centexbel¹, Ghent (B), Next Technology Tecnotessile², Prato (I)
SUPERTEX – Recycling Potentials of PET Materials with PE Contamination in Textile Extrusion

MICHAEL WITSCHAS

ADVANSIA GmbH, Hamm (D)
Sustainable Fiber Development for Paper Applications

TADASHI KAMADA

Y. Hirai, Kaneka Corporation, Osaka (J)
Development of Kaneka Ion Exchange and Chelating Fibers

JACQUELINE LEMM

U. Rübsam, Institut für Textiltechnik (ITA) der RWTH Aachen, Aachen (D)
Membrane Technology in the Urban Water Management as a User-oriented, Low-risk and Environmentally Friendly Technology

SUSTAINABLE SOLUTIONS FOR THE FIBER INDUSTRY

ARTURO ANDREONI

RADICIGROUP, Gandino (I)
Requirements for EPD's (Environmental Product Declaration) from Polymer to Fiber

MAIKE RABE¹

T. Grethe¹, M. Korgner¹, E. Janssen¹, L. Alsamann², K. Peter²
 Hochschule Niederrhein, Forschungsinstitut Textil- und Bekleidung, Mönchengladbach¹, DWI an der RWTH Aachen, Aachen² (D)
Development of Selective Adsorber Textiles for the Removal of Organic Compounds in Drinking Water

HANS-JÖRG IMMINGER

BWF TEC GmbH & Co KG, Offingen (D)
Filter Media for the Food Industry

FIBER INNOVATIONS

LUTZ WALTER

EURATEX, Brussels (B)
HORIZON 2020 – EU Funding Opportunities for Fiber and Textile Research

N.N.

U.S. Consumer Product Safety Commission CPSC, Bethesda (USA)
Update on Recent CPCS Activities

ROLAND SCHOLZ

Kelheim Fibres GmbH, Kelheim (D)
Ionicly Activated Viscose Fibers and Their Applications

PHILIPP WIMMER

Kelheim Fibres GmbH, Kelheim (D)
Viscose Speciality Fibers for Filtration Applications

ROLF-DIETER HUND¹

C. Cherif¹, H. Hund¹, K. Richter², TU Dresden, Institut für Textilmaschinen und Textile Hochleistungswerkstofftechnik (ITM)¹, Dresden, Heppes Medical Chitosan GmbH², Halle (D)
Chitin, Chitosan, Biofibers – Preparation, Properties and Application

BEHNAM POURDEYHIMI

North Carolina State University, Raleigh (USA)
Simulating Structure of Electrospun Nonwoven Webs

FIBER INNOVATIONS

SHIN-ICHI KOBUCHI

Toyobo, Osaka (J)
3-D Spring Structure "BRETHAIR"

EAMON THIGHE

NatureWorks LLC, Minnetonka (USA)
Ingeo PLA Fibers and Nonwovens – New Developments

BERNHARD MÜLLER¹

M. Gerbert-Germ¹, D. Kovac², Glanzstoff Industries GmbH¹, St. Pölten (A)
Glanzstoff Bohemia s.r.o.², Lovosice (CZ)
Viscont Hybrid and Viscont HiVis – New Products for the PPE Market

MÉLANIE MONCEAUX

T. Le Blan, E. Devaux, A. Gonthier, Association CETI, Tourcoing (F)
Processing of Multicomponent Filaments

KATRIN SCHOELLER

EMPA Swiss Federal Laboratories for Materials Science and Technology,
St. Gallen (CH)
Development of E-Fibers and its Application

JEROME HEIL

Kermel, Colmar (F)
Future of Meta Aramide Market in the Next Coming Years

JOHANNA M. SPÖRL¹

T. Lehr², R. Beyer², F. Hermanutz², M.R. Buchmeiser^{1, 2}, Institut für Polymer-
chemie (IPOC), Uni Stuttgart¹, ITCF Denkendorf², Denkendorf (D)
**PAN-based Precursors for Carbon Fibers via Controlled Radical
Polymerization**

BRITTA ZIMMERER

K. Uihlein, D. Moessinger, Cordenka GmbH & Co. KG, Obernburg (D)
Innovation in Rayon Cords

KEIICHI TOYODA

J. Kojima, Asahi Kasei Fibers Corp., Nobeoka (J)
**Development of High-tenacity Ultra Fine Polyethylene
Terephthalate Fibers Using Direct Spinning Process**

FIBER INNOVATIONS

AKIHIRO ANGURI

Asahi Kasei Fibers Corp., Nobeoka (J)
**High-speed Spinning of Cuprammonium Rayon
(Cupro Fiber Bemberg®)**

BARBARA FONTANTA

Sider Arc Italia Srl, Cornaredo (I)
**Sider Arc bio-line: New Monofilaments for a Sustainable
Technical Market**

WAYNE MARSH

DuPont, Wilmington (USA)
Biosolutions for Textile Innovation from DuPont Industrial Biosciences

HANNES MÄNNER¹

N.N.², Lenzing AG¹, Lenzing, ASOTA GmbH², Linz (A)
**TENCEL CP – Cellulose Powder for Permanent Hydrophyllisation
of PP Fibers**

ELISABETH STANGER

Lenzing AG, Lenzing (A)
Tencel Biosoft – New Applications for Cellulose Fibers

MARKUS BECKERS¹

B. Glauß¹, T. Vad¹, W. Steinmann¹, D. Kröger¹, M. Künne¹, G. Seide¹,
T. Gries¹, M. Schinken², Institut für Textiltechnik (ITA) der RWTH Aachen¹,
Aachen, DuPont de Nemours², Neu Isenburg (D)
**An Innovative Extrusion Technology for the Melt Spinning of Polymer
Optical Fibers Used for Light Transmission over Short Distances**

HARALD SCHWIPPL

Rieter AG, Winterthur (CH)
**Comparison of Air-jet, Ring and Rotor Spinning with Different
Raw Materials**

CAROLINE HAMINGRAY¹

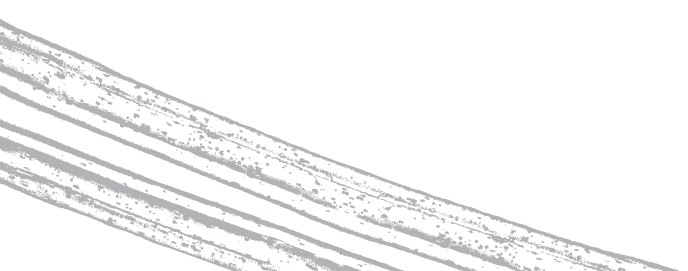
S. Westland¹, J. Taylor², University of Leeds¹, Leeds,
Lenzing Fibers Grimsby Ltd.², Grimsby (GB)
Efficient Fashion Colouration Using Spun-dyed Viscose

N.N.

Muratec, Murata Machinery Ltd., Kyoto (J)
Tencel-Cotton Blends for Airjet Spinning

CHRISTOPH HACKER¹

R. Fourné², U. Rübsam¹, G. Seide¹, T. Gries¹, Institut für Textiltechnik (ITA)
der RWTH Aachen¹, Aachen, Fourné Polymertechnik GmbH²,
Alfter-Impekhoven (D)
**Challenges of the Melt Electrospinning Process – An Economical
and Technical Window of Opportunity**



FIBER INNOVATIONS

ERWIN GLAWION

D. Struppe, Trützschler Nonwovens & Man-made Fibers GmbH, Egelsbach (D)
Lines and Components for Economic Production of Carbon Fibers

BERND PROBST

Kelheim Fibres GmbH, Kelheim (D)
Functional Viscose Fibers – Natural Material and Innovative Technology

YUKO KAWATO

H. Mori, Teijin Fibers Ltd., Osaka (J)
Recent Topics on the Aramid Based Protective Apparel Application Development

MARTIN PATEL¹

N. Terinte², B.M.K. Manda¹, L. Shen¹, Utrecht University, Copernicus Institute¹, Utrecht (NL), Lenzing AG², Lenzing (A)
Ecological Impact of Coloured Viscose: Spun-dyeing vs. Conventional Dyeing

FRANZ MARTIN HÄMMERLE

Consultant, Vienna (A)
Benefits of TENCEL® in the Weaving

UNCONVENTIONAL FIBER APPLICATIONS

ANDREAS NOCKE¹

A. Schröter², J. Wendler¹, D. Aibibu¹, G. Gerlach², C. Cherif¹, TU Dresden, Institut für Textilmaschinen und Textile Hochleistungswerkstofftechnik (ITM)¹, Institut für Festkörperelektronik (IFE)², Dresden (D)
Integrated Textile Sensors in Medical Wound Dressing Systems for Monitoring of Wound Healing Process

PHILIP ABEL

T. Gries, Institut für Textiltechnik (ITA) der RWTH Aachen, Aachen (D)
Joining and Repair of Composites – Chances for Textile Structural Health Monitoring

MARKUS MILWICH

Institut für Textil- und Verfahrenstechnik (ITV), Denkendorf (D)
Curved Pultruded Fiber Composite Profiles for Lightweight Parts

CHOKRI CHERIF

A. Seidel, A. Younes, TU Dresden, Institut für Textilmaschinen und Textile Hochleistungswerkstofftechnik (ITM), Dresden (D)
Production Process for 50K Carbon Fiber Reinforcements for Civil Engineering Applications

UNCONVENTIONAL FIBER APPLICATIONS

MARCEL HOFMANN

B. Gulich, Sächsisches Textilforschungsinstitut e.V. (STFI), Chemnitz (D)
Nonwovens for Composites – the Recycling Concept for Carbon Waste in Form of Long Fiber

CORNELIA SENNEWALD

G. Hoffmann, C. Cherif, TU Dresden, Institut für Textilmaschinen und Textile Hochleistungswerkstofftechnik (ITM), Dresden (D)
With Structure and Technology Development to New 2D- and 3D Woven for Lightweight Constructions

TORU MORITA

M. Kaneda, Asahi Kasei Fibers Corp., Moriyama-city (J)
Polyketone (PK) Nanoporous Membrane

MESUT CETIN

T. Gries, Institut für Textiltechnik (ITA) der RWTH Aachen, Aachen (D)
Innovative Use of Textile Structures for Design Surfaces

ANNA-KATHARINA SEALHOFF¹

M. Agler-Rosenaum², C. Keyzers³, G. Seide¹, T. Gries¹, RWTH Aachen, Institute für Textiltechnik (ITA)¹, Applied Microbiology (IAMB)², Siedlungswasserwirtschaft (ISA)³, Aachen (D)
Microbial Fuel Cells – Taylor-made Electrodes out of Carbon Fibres

LINA RAMBAUSEK

E. Bruneel, L. Van Langenhove, Ghent University, Dept. Of Textiles, Zwijnaarde (B)
"Luis, I think this is the Beginning of a Beautiful Friendship"– Textiles and Organic Electronics

ULRICH MÖRSCHTEL

Textechno Herbert Stein GmbH, Mönchengladbach (D)
News on Fiber Testing

JENS MÄHLMANN¹

M. Sallat¹, U. Forke², T. Porst³, H. Zölsmann⁴, D. Bryonik⁵, Sächsisches Textilforschungsinstitut e.V.¹ (STFI), Chemnitz, VOWALON GmbH², Treuen, H. Müller GmbH³, Heinersdorf, UGN Umwelttechnik GmbH⁴, Gera, Fraunhofer IGB⁵, Stuttgart (D)
Biological Treatment of Exhaust Air to Prevent Cyanide Emissions

STANISLAV PETRIK

Institute for Nanomaterials, Technical University of Liberec, Liberec (CZ)
Production Technologies of Nanofibers: An Overview of Recent Developments

FINISHING

THOMAS STEGMAIER¹

J. Blichmann², H. Planck¹, Institut für Textil- und Verfahrenstechnik (ITV)¹, Denkendorf, Brückner Textile Technologies GmbH², Leonberg (D)

Energy Efficient Finishing of Textiles by Functional Hotmelt Coatings**KLAUS OPWIS**

T. Mayer-Gall, J. S. Gutmann, Deutsches Textilforschungszentrum Nord-West gGmbH, Krefeld (D)

Textile-fixed Catalysts and Application in Chemical Synthesis**FELIU MARSA**

D. Palet, Universidad Politècnica de Catalunya, Terrassa (E)

A New Method to Apply Microcapsules to Textiles in the Spinning Process**WOLFGANG SCHEIBNER¹**

S. Pohlers¹, U. Möhring¹, K.-H. Belz², M. Hecht², Textilforschungsinstitut Thüringen-Vogtland e.V. (TITV)¹, Greiz, Sonotronic Nagel GmbH², Karlsbad-Ittersbach (D)

The Application of Ultrasound in Thermal Treatment of Textiles**MARLENA KUHR**

D. Aibibu, C. Cherif, TU Dresden, Institut für Textilmaschinen und Textile Hochleistungswerkstofftechnik (ITM), Dresden (D)

Finishing of Barrier Textiles with Functionalized Sub-micro Particle by a Partial and Targeted Application**MONIKA WEISER**

A. Neudeck, U. Möhring, Textilforschungsinstitut Thüringen-Vogtland e.V. (TITV), Greiz (D)

Final Product Specified Textile Modification by Application of Nanolayers**KNUT STENDEL**

F. Meister, Thüringisches Institut für Textil- und Kunststoff-Forschung e.V. (TITK), Rudolstadt (D)

Innovative Coating Materials on the Basis of Polysaccharide**HEIKE ILLING-GÜNTHER¹**

J. De Baets², Sächsisches Textilforschungsinstitut e.V.¹ (STFI), Chemnitz (D), Centre for Microsystems Technology (CMTS)², Zwijnaarde (B)

PASTA – Integration Platform for Advanced Smart Textile Applications**JULIEN PAYEN**

Up-tex, Tourcoing (F)

TEX-SHIELD, Environmental Friendly and Durable Oil and Water Repellent Finish on Technical Textiles

FINISHING

ERNST SIEWERS¹

M. Rabe², DyeCoo Textile Systems¹, Delft (NL), Hochschule Niederrhein, Forschungsinstitut für Textil- und Bekleidung², Mönchengladbach (D)

Anhydrous Dyeing with Above Critical CO₂ in the First Commercial Plant**EBERHARD JANSSEN**

K. Klinkhammer, Hochschule Niederrhein, Forschungsinstitut Textil- und Bekleidung, Mönchengladbach (D)

Easy Cleaning of Air Transported Dust Particles**MAIKE RABE**

E. Lempa, C. Steinem, K. Topp, F. Terzioglu, Hochschule Niederrhein, Forschungsinstitut für Textil- und Bekleidung Mönchengladbach (D)

Development of Electrical Conductive Textile Coatings**MARTIN DRABIK**

D. Hegemann, EMPA Laboratory for Advanced Fibers, St. Gallen (CH)

Textile Sensors Based on Nanocomposite Coatings**MICHAEL BILDHAUER**

R. Zyschka, H. Lutz, CHT R. Beitlich GmbH, Oyten (D)

Finishing Along the Textile Chain – Options, Limits and Chances**SANDRA HUSMANN, CHRISTINA SCHICK**

Schill + Seilacher GmbH, Böblingen (D)

Spin Finishes for Man-Made Fibers Approved for Food Contact Applications**KARIN EUFINGER¹**

S. De Vriese¹, M. Vanneste¹, A. Schuhmann², A. Wypkema³, Centexbel¹, Zwijnaarde (B), Sächsisches Textilforschungsinstitut e.V. (STFI)², Chemnitz (D), TNO³, Eindhoven (NL)

HYBRITEX – Eco-efficient Hybrid Coatings for Durable Textile Application**JANETTE BLICHMANN¹**

T. Stegmaier², H. Planck², A. Pieper¹, A. Meyer¹, BRÜCKNER Textile Technologies¹, Leonberg, Institut für Textil- und Verfahrenstechnik (ITV)², Denkendorf (D)

Double-sided Coating of Bi-elastic Knitwear**BENJAMIN EWERT¹, TIMO HAMMER²**

T. Stegmaier¹, V. v. Arnim¹, H. Planck¹, N. Berner², D. Höfer², Institut für Textil- und Verfahrenstechnik (ITV)¹, Denkendorf, Hohenstein Institut für Textilinnovation gGmbH², Bönnigheim (D)

TECHNOTOX / Risks of Nanotechnology – Release of Airborn Nanoscale Particles and Interaction with (Lung)- Tissue

FINISHING

VOLKMAR VON ARNIM¹

T. Stegmaier¹, A. Dinkelmann¹, H. Planck¹, A. Rau², Institut für Textil- und Verfahrenstechnik (ITV)¹, Denkendorf, Ahlbrandt System GmbH², Lauterbach (D)
Improved Energy Efficiency of Textile Finishing Processes by Reduced Use of Water

JENNY ALONGI

F. Carosio, G. Malucelli, Politecnico di Torino, Alessandria (I)
Innovative Solutions to Enhance the Flame Retardancy Properties of Natural and Synthetic Fabrics: Sol-Gel, Dual-Cure Processes and Layer by Layer Assembly

AXEL LUKASCH

Huntsman Textile Effects (Germany) GmbH, Langweid a.L. (D)
AVITERA SE – Reactive Dye for the Future

MICHAEL KUTSENKO

Goulston Technologies Inc., Monroe (USA)
Contemporary Techniques for Fiber / Fabric Surface Modification

SPORTS- AND FUNCTIONAL WEAR

JÁN ŠIROKÝ¹

F. Constantin¹, B. Siroka¹, T. Bechtold¹, L. Boccaletti², L. Ligabue², Research Institute of Textile Chemistry and Textile Physics, Uni Innsbruck¹, Dornbirn (A), Anziani e non solo società cooperativa², Capri (I)
Textiles for Aging Society – TAGS – Overview and Selected Outcome

KATHARINA GNEWUCH

A. Neudeck, Textilforschungsinstitut Thüringen-Vogtland e.V. (TITV), Greiz (D)
Textile Electrodes with Improved Contact Impedance for the Collection of Bioelectric Signals and for the Stimulation of Muscles and Nerves

LÚCIA RODRIGUES¹

A. Ramoa¹, H. Rosendo¹, T. Sotto Mayor², A. Carneiro², CITEVE¹, CeNTI², Vila Nova de Famalicão (P)
Development of Multi-layer Textile Structures for Sportswear with Critical Insulation Requirements

MATTHIAS HAUPT

TU Dresden, Institut für Textilmaschinen und Textile Hochleistungswerkstofftechnik (ITM), Dresden (D)
Wett-knitted Spacer Fabrics for Damping Structures in Motorcycle Helmets

SPORTS- AND FUNCTIONAL WEAR

MANFRED GEILHAUPT¹

K. Ivanov², Hochschule Niederrhein¹, Mönchengladbach (D), Universität St. Petersburg² (RUS)
IR-reflecting Textiles – Application and Theory

DIRK HÖFER

T. Hammer, Hohenstein Institut für Textilinnovation gGmbH, Bönningheim (D)
Influence of Functional Sports Wear on Regeneration and Motivation of Athletes

BIANCA-MICHAELA WÖLFLING

J. Beringer, A. Schmidt, Hohenstein Institut für Textilinnovation gGmbH, Bönningheim (D)
High-value Business and Corporate Wear Out of New PES Functional Fibers

JAN BERINGER¹, RENÉ ROSSI²

M. Harnisch¹, E. Classen¹, B. Wöfling¹, A. Schmidt¹, M. Camezind², P. Weder², S. Annaheim², Hohenstein Institut für Textilinnovation gGmbH¹, Bönningheim (D), EMPA Laboratories for Materials Science and Technology², St. Gallen (CH)
Characterisation of Clothing Physiological Properties of Functional Textiles with One-, Two- and Three-dimensional Methods

EMANUELE PIVOTTO

Sinterama SpA, Sandigliano (I)
New Life[®] Platform, Applications and Latest Developments

CHISA YOSHIZAWA

Asahi Kasei Fibers Corp., Moriyama-City (J)
Introduction of Cupro Mixed Yarns and their Properties

GAMZE² OZDEN KAYA

N. Dogmus, M. Sezen, Korteks A.S., Bursa (TR)
Multifunctional Polyester Filament Yarns Combining High Outdoor Weathering Performance with Tailor Made Colours

GUILLAUME TIBERGHEN

TIBTECH Innovations, Bondues (F)
Flexible Electro Heating Circuits and Associated Energy Storage Problematic in Active Sport Garments or Equipment

CYRIL CHAINGNEAU¹

A. Beirao², S. Vaupre³, P. Vandendaele³, DAMART¹, Roubaix (F), Devan-Micropolis SA², Maia (P), Devan Chemicals NV³, Ronse (B)
Novel Wearer Responsive Textile: A New Paradigm for Smart Textile

MARKET OVERVIEW KOREA / INDONESIA / INDIA

N.N.

KOFOTI Korean Federation of Textile Industry, Seoul (KR)
Market Overview Korea

SUSANNE MÜLLER

Hochschule Niederrhein, Mönchengladbach (D)
**The MIST Countries: Challenges of the New Big Emerging Markets
 in Mexico, Indonesia, South-Korea and Turkey**

MOHIT RAINA

T. Gries, Institut für Textiltechnik (ITA) der RWTH Aachen, Aachen (D)
**Powering Innovation with Centres of Excellence – Potential for
 Europe in India**

JÜRGEN STRÖHLE

Benninger AG, Uzwil (CH)
**From Green Field to a World Class Textile Production Factory
 in India**

IMPORTANT DETAILS FOR PARTICIPANTS

REGISTRATION

Austrian Man-made Fibers Institute
 Congress Office, Kolingasse 1/1/5, 1090 Wien, Austria
 Tel.: +43 (0)1 319 2909-41, Fax: +43 (0)1 319 2909-31
 E-Mail: office@dornbirn-mfc.com, www.dornbirn-mfc.com

DATE OF CONGRESS

Opening: Wednesday, September 11th 2013 at 09:00 a.m.
Closing: Friday, September 13th 2013 at appr. 12:15 p.m.

LOCATION

Kulturhaus Dornbirn
 Rathausplatz 1, 6850 Dornbirn, Austria

NEAREST AIRPORTS

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

REGISTRATION FEE

Participation fee-early bird € 898,-
 (payment must be received by May 31st, 2013)

Participation fee-regular € 998,-
 (payment received from June 01st, 2013)

Second (and subsequent) delegates from the same company € 798,-
 (must be booked and paid for at the same time as first registration)

**Professors / Teachers at Universities
 and Technical Colleges** € 448,-

Students € 98,-

All participation fees include 20% VAT.

CANCELLATION

**All bookings received are binding. Fee refunds will be given on the
 following scale:** Until May 31st 2013: 100%; until July 31st 2013: 50%;
 from August 1st 2013: no refund.

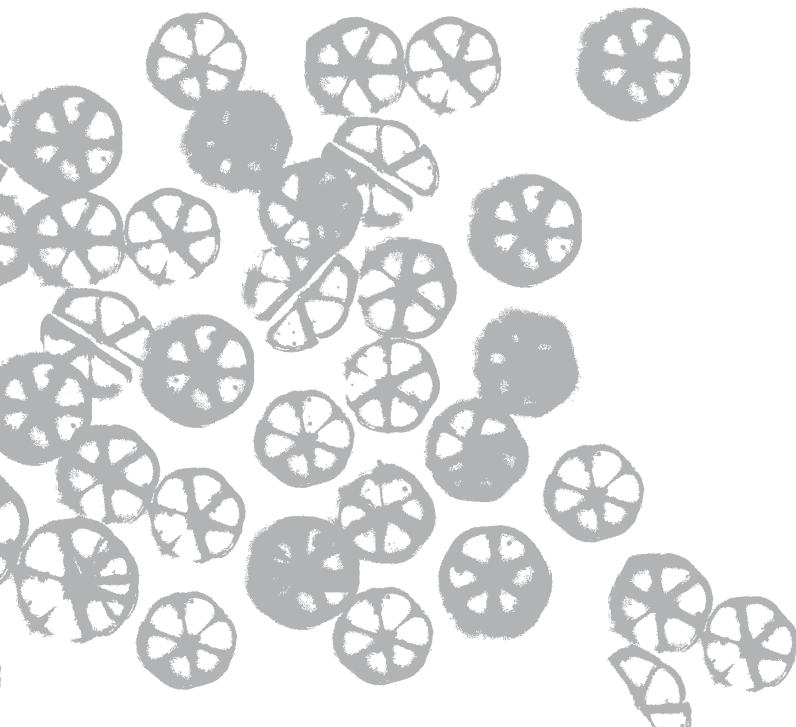
Delegates may be substituted at any time.

Registration Fee includes attendance at **all lectures, nonalcoholic
 beverages during all breaks, luncheon on Wednesday and Thursday,
 11th and 12th Sept., manuscripts on CD-ROM and participation in the
 gala buffet dinner** on invitation of the Mayor of Dornbirn at the „Haus der
 Messe“ Dornbirn on **September 11th, 2013**. 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 and via bank transfer.

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 2013 (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)

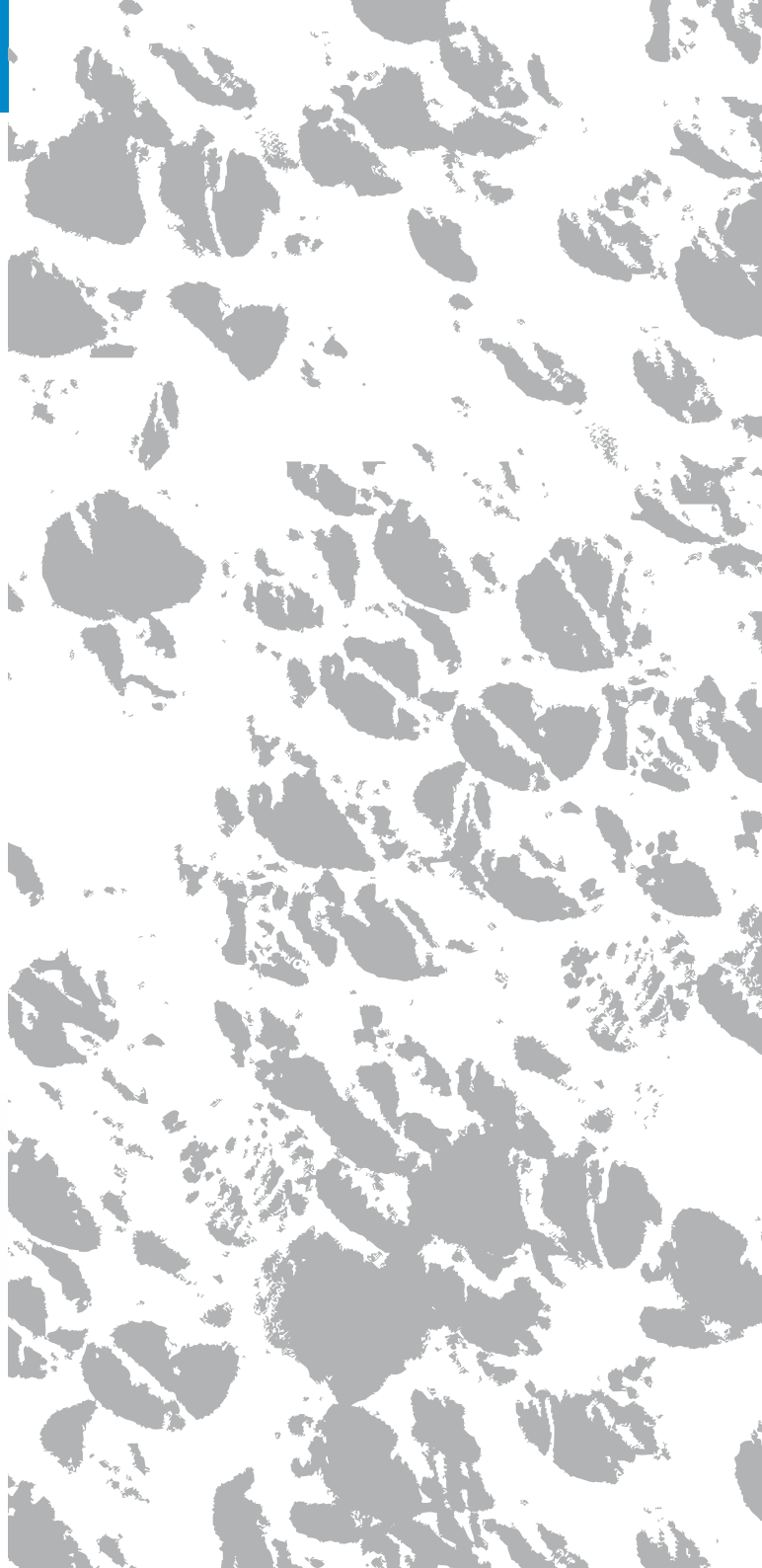
Upon request, the team of Dornbirn Tourismus & Stadtmarketing GmbH, Tel.: +43 (0)664 8224923, E-Mail: tourismus@dornbirn.at will help in securing accommodation (Room reservation will be confirmed in writing). Dornbirn Tourismus & Stadtmarketing GmbH also informs about bus transfer for attendees staying 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 organizer 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 organizer does not accept any liability for any loss or damage to the personal effects of delegates attending the congress.



Important notice: some lectures may be added or changed, as this is a preliminary version only. Please consult our homepage www.dornbirn-mfc.com for updates until you receive the final programme folder in July 2013.



ORGANIZER

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