

OPENING SESSION

Chairman: Friedrich Weninger

Austrian Fibers Institute (AUT)

09:00 Opening

Friedrich Weninger

Managing Director, Austrian Fibers Institute (AUT)

09:10 Welcome Address

Robert van de Kerkhof

President, Austrian Fibers Institute (AUT)

09:20 Awarding Paul Schlack/Wilhelm Albrecht Prize

Frederic van Houte, Managing Director

CIRFS European Man Made Fibres Association (BEL)

09:40 Sustainability Challenges

Thomas Riegler

Partner, PwC PricewaterhouseCoopers (AUT)

10:00 How Software Technology is contributing towards more sustainable workflows

Robert Rosellen

Vice President Servicenow (GER)

10:20 BREAK

10:40 Silks in the 21st Century

Fritz Vollrath

Professor Biology, University of Oxford (GBR)

11:00 A Culture of Sustainable Innovation

Robert van de Kerkhof

Chief Commercial Officer, Lenzing AG (AUT)

11:20 Accelerate Transition of Textile Industry to Embrace Circularity

Uday Gill

Chief Strategy Officer, Indorama Ventures (THA)

11:40 Changing the bottle industry for good

Gittan Schiöld, Chief Executive Officer

Paper Bottle Company A/S (DEN)

12:00 CEO PANEL:

The urgent need for co-operation between Established Industry Players and Young Emerging Companies

Robert van de Kerkhof, **Uday Gill**, **Gittan Schiöld**,

Yogi Dandapure (VP Lululemon), **Georgia Parker**

(MD Fashion for Good), **Moderation: Mark Jarvis** (MD WTIN)

12:35 Lunch

FIBER INNOVATIONS

- 14:00 Next Generation of Thermoplastic Polyurethane (TPU) Elastomeric**
Lalith Bhargava Suragani Venu et al
Lubrizol Advanced Materials Inc., Ohio (USA)
- 14:20 LYCRA® Anti x Slip Fibre for High-Performance Wovens**
Nicholas Kurland
The LYCRA Company, Virginia (USA)
- 14:40 Shape memory filament yarns**
Robert Tonndorf et al
ITM/TU Dresden, Dresden (GER)
- 15:00 Circulose - recirculated cotton textile pulp for various types of fibres**
Sara Öhman et al
Renewcell, Stockholm (SWE)
- 15:20 Q&A and discussion**
Wilhelm Rauch
Industrievereinigung Chemiefasern (GER)
- 15:40 BREAK**
- 16:00 Innovations in the Field of Oxide Ceramic Fibers**
Bernd Clauß et al
DITF Denkendorf, Denkendorf (GER)
- 16:20 It's All About Carbon: Innovations in Fiber Coloration**
Meredith Boyd
Unifi Manufacturing, Inc., Greensboro (USA)
- 16:40 Bio-Based Carbon Fibers: Increasing Carbon Yield and Mechanical Performance**
Christoph Unterweger¹ et al, J.Duchoslav² et al
Wood K plus - Kompetenzzentrum Holz GmbH¹, Johannes Kepler University Linz², Linz (AUT)
- 17:00 Modeling and Simulation of Crystallization in Spinning Processes**
Walter Arne et al
Fraunhofer ITWM, Kaiserslautern (GER)
- 17:20 Q&A and discussion**
Marina Crnoja-Cosic
Kehlheim Fibres GmbH (GER)
- 17:40 End**
- 20:00 Reception „Haus der Messe“**

SUSTAINABILITY & CIRCULAR ECONOMY & RE-CYCLING

- 14:00 EPR in France: Focus on Innovation & Recycling initiatives**
Cécile Martin
Re_fashion, Paris (FRA)
- 14:20 The Keys to Recycling: Sorting & Pre-processing**
Karia Magruder
Accelerating Circularity, Campbell Hall, NY (USA)
- 14:40 Marine Biodegradation of Textiles: Comparing Cellulose-based, Bio-generated and Synthetic Nonwovens**
Dimitri Deheyn
Scripps Institution of Oceanography, San Diego (USA)
- 15:00 Accessing and tracing textile waste to scale circular supply chains**
Nin Castle
Reverse Resources, Tallinn (EST)
- 15:20 Q&A and discussion**
Jürgen Musch
ADVANSA (GER)
- 15:40 BREAK**
- 16:00 A new perspective: the future of 100 % recycled cotton, the circular economy and recycling machinery from a young woman's eyes**
Annabelle Hutter et al
Sântis Textiles Pte Ltd, Paya Lebar (SIN)
- 16:20 The SCIRT project: developing a circular value chain in Europe**
Tom Duhoux
VITO, Mol (BEL)
- 16:40 Lenzing and Södra joining forces in improving post-consumer textile recycling**
Anna Palme¹, Richard Herchl²
Södra Innovation¹, Skogsudden (SWE) Lenzing AG², Lenzing (AUT)
- 17:00 Innovative coloration for sustainable fibers**
Joachim Jandke
Sun Chemical Colors & Effects GmbH, Ludwigshafen (GER)
- 17:20 Q&A and discussion**
Anna Karin Djupenström
EFESO Consulting AG (SWE)
- 17:40 End**
- 20:00 Reception „Haus der Messe“**

NONWOVENS

- 14:00 Novel Biotransformation technology for PP Fibres and Spunbond Nonwoven**
Soeren Klint
FiberVisions/IVL Vertical Hygiene, Varde (DEN)
- 14:20 Contributing to a fossil-free textile industry: the potential of agro-food residues for textile**
Michiel Scheffer
WUR, Wageningen University and Research, Wageningen (NED)
- 14:40 Sustainable packaging as a matter of willpower, not of legislation - Best practice of successful European retailers**
Georg Raffael Spindler
Lenzing AG, Lenzing (AUT)
- 15:00 The Purhyphae Project: textile recycling using mycelium**
Annah-Ololade Sangosanya
Institute of Ad. Architecture of Catalunya, Barcelona (ESP)
- 15:20 Q&A and discussion**
Heike Illing-Günther
Sächsisches Textilforschungsinstitut e.V. (GER)
- 15:40 BREAK**
- 16:00 LENZING™ Web Technology – potentials for wipe applications**
Katharina Gregorich
Lenzing AG, Lenzing (AUT)
- 16:20 MERALUX: a unique fibre to improve nonwovens performances and sustainability**
Jerico Biagiotti
Beaulieu Fibres International Terni S.r.l., Terni (ITA)
- 16:40 SABIC Novel Material Solutions for Growing and Changing Hygiene Industry Market**
Muhammad Maqsood
Sabic, Bergen (NED)
- 17:00 Direct wet-spun-laid nonwoven deposition with highly porous aerogel fibers**
Daniel Wolters¹ et al, M. Schirp-Schoenen²
RWTH Aachen¹, Lehrstuhl und Institut für Strukturmechanik und Leichtbau², Aachen (GER)
- 17:20 Q&A and discussion**
Heike Illing-Günther
Sächsisches Textilforschungsinstitut e.V. (GER)
- 17:40 End**
- 20:00 Reception „Haus der Messe“**

FIBER INNOVATIONS

- 09:00 BISFA - Pioneer in Standardization**
Dieter Eichinger
CIRFS, Brussels (BEL)
- 09:20 TENCEL™ Luxe - More than a vegan alternative to silk**
Markus Pichler
Lenzing AG, Lenzing (ATU)
- 09:40 Unlocking the potential of waste: The case for making regenerated fibers mainstream**
Petri Alava
Infinited Fiber Company, Espoo (FIN)
- 10:00 HeiQ AeonIQ – cellulose based functional continuous filament yarn designed for climate, circularity, and scalability**
Enrique Herrero Acero
HeiQ Materials AG, Schlieren (SUI)
- 10:20 Q&A and discussion**
Clemens Bisjak
Lenzing AG, Lenzing (AUT)
- 10:40 BREAK**
- 11:00 BREATHAIR® - the innovative and sustainable 3D cushioning material**
Michael Neidhöfer
PHP Fibers GmbH, Obernburg (GER)
- 11:20 Closed loop solutions for polyester textiles**
Stefan Fichter
Märkische Faser GmbH, Premnitz (GER)
- 11:40 Development of Menstruation Pants using Speciality Viscose Fibres**
Natalie Wunder et al
Kelheim Fibres GmbH, Kelheim (GER)
- 12:00 Q&A and discussion**
Simon Riepler
IFG Asota (AUT)
- 12:15 Lunch**

SUSTAINABILITY & CIRCULAR ECONOMY & RE-CYCLING

- 09:00 Biodiversity & wood-based cellulose fibers – Lenzing’s approach**
K. Christian Schuster et al
Lenzing AG, Lenzing (AUT)
- 09:20 Development of a method for elastane yarn wastes to be separated from elastane and returned to recycling industry**
Aydin Oruç
Kipaş Textiles, Kahramanmaraş (TUR)
- 09:40 Stretch Garments to Recycled Articles**
Ravi Vedula et al
Lubrizol Advanced Materials, Ohio (USA)
- 10:00 Melt spinning of CO₂-based thermoplastic polyurethanes**
Jan Thiel et al
RWTH Aachen, Aachen (GER)
- 10:20 Q&A and discussion**
Wolfgang Hermann
EREMA Group GmbH (AUT)
- 10:40 BREAK**
- 11:00 Modification of all-cellulose composites for protection against environmental impacts, characterization and complete recycling**
Tanja Schneck¹ et al, M.R. Buchmeiser²
DITF Denkendorf¹, Institute of Polymer Chemistry (IPOC) University Stuttgart², Denkendorf (GER)
- 11:20 Scaling Recycled Fibers from Textile Waste**
Jean Hegedus
The LYCRA Company, Robbinsville (USA)
- 11:40 Innovations in Sewing Threads & Engineered Yarns for Sustainable Fashion & Circular Economy**
SK Raja
Coats, Uxbridge (GBR)
- 12:00 Q&A and discussion**
Alberto Ceria
The LYCRA Company Switzerland Sàrl (SUI)
- 12:15 Lunch**

NONWOVENS

- 09:00 Biobased sustainable hygiene products**
Patrick Engel
Saxon Textile Research Institute e.V., Chemnitz (GER)
- 09:20 Innovative graphene-modified nonwoven materials for wastewater treatment**
Igor Kogut et al
Hohenstein Institut für Textilinnovation GmbH, Boennigheim (GER)
- 09:40 Introducing long-chain branching for diameter control of melt-blown PP fibers**
Takeshi Kikutani¹ et al, K. Liba²
Tokyo Institute of Technology¹, Yokohama, Kanagawa, Mitsui Chemicals², Chiba (JPN)
- 10:00 New method to analyze clouding in nonwoven production and High resolution system to detect 5 µm holes fully automated**
Andreas Blin et al
Robomat GmbH, Freilassing (GER)
- 10:20 Q&A and discussion**
Robert Groten
Hochschule Niederrhein (GER)
- 10:40 BREAK**

APPAREL & SPORTS

- 11:00 The challenge of „New Luxury“ for the Textile and Clothing Industry**
Susanne Müller
Hochschule Niederrhein, Mönchengladbach (GER)
- 11:20 Success factors for last mile fashion e-Commerce deliveries**
Natalie van Bentum¹ et al, U. Clausen²
Hochschule Niederrhein¹, Mönchengladbach, Inst. für Transportlogistik, TU Dortmund a. Fraunhofer Inst. for Material Flow and Logistics IML², Dortmund (GER)
- 11:40 Long-term quality of recycled polyester sports clothing**
Lars Claußen¹ et al, D. Ruiz²
Loughborough University¹, Loughborough (UK), adidas AG², Herzogenaurach (GER)
- 12:00 Q&A and discussion**
Isa Hofmann
IHOFMANN (GER)
- 12:15 Lunch**

FIBER INNOVATIONS

- 14:00 Fibre solutions for more sustainable fibre-based products**
Andreas Weinberger et al
IFG Asota, Linz (AUT)
- 14:20 Are PBS, PBAT and TPS ready for industrial-scale melt-spinning?**
Simon Schick¹ et al, R. Grotten²
University of Maastricht -AMIBM¹, Geleen (NEL), Hochschule Niederrhein², Mönchengladbach (GER)
- 14:40 Lyocell 2.0 - New Opportunities through Kneader based Dissolving Technology**
Manuel Steiner¹, Ch. Stanev², F. Meister³
List Technology AG¹, Arisdorf (SUI), Evrnu, SPC², Seattle (USA), TITK³, Rudolstadt (GER)
- 15:00 The modified EvoQuench or enabling the microfiber production in the POY PA6-process**
Stephan Faulstich
Oerlikon Barmag, Remscheid (GER)
- 15:20 Q&A and discussion**
Arturo Andreoni
Radici Fibers S.p.A. (ITA)
- 15:40 BREAK**
- 16:00 Production Of Boron Nanoclay Involved Boron Enrichment Process Waste Additive Sustainable Polyester Fibers**
Sedat Kumartaşlı
Polyteks Tekstil A.Ş., Bursa (TUR)
- 16:20 Collaborative and innovative solutions for a sustainable society**
Maria Persson
Teijin Aramid, Arnhem (NED)
- 16:40 Sustainable circular economy system for artificial turf with improved CO₂ footprint**
Dirk Hanuschik¹ et al, U. Berghaus²
TFI – Institut für Bodensysteme an der RWTH Aachen e.V., Aachen (GER)
- 17:00 Trend Management meets Open Innovation: Best practice examples from Kelheim**
Natalie Wunder et al
Kelheim Fibres GmbH, Kelheim (GER)
- 17:20 Q&A and discussion**
Dieter Eichinger
CIRFS European Man-made Fibres Association (BEL)
- 17:40 End**

SUSTAINABILITY & CIRCULAR ECONOMY & RE-CYCLING

- 14:00 Industrial waste recycling in fibre processing – the key to higher efficiency**
Stephan Gneuß
Gneuss Kunststofftechnik GmbH, Bad Oeynhausen (GER)
- 14:20 Materials recycling of textile waste**
Christoph Burgstaller
TCKT - Transfercenter f. Kunststofftechnik GmbH, Wels (AUT)
- 14:40 Research through Practice - Challenges in the Spinning Process with Recycled Fibres**
Michael Will¹, B. Egloff²
Rieter AG¹, Winterthur, Hochschule Luzern², Luzern (SUI)
- 15:00 Erema Group's way to circularity in fibrous materials**
Wolfgang Hermann
Erema Group GmbH, Ansfelden (AUT)
- 15:20 Q&A and discussion**
Volker Siejak
Indorama Mobility Group/PHP Fibers GbmH
- 15:40 BREAK**
- 16:00 Sustainable filament solutions for fast moving consumer goods**
Christian Fleschhut et al
Perlon - Pedex GmbH, Wald-Michelbach (GER)
- 16:20 Napapijri – from linear to circular economy journey**
Paolo Pezzin
VF International SAGL, Stabio (SUI)
- 16:40 Recycled PET for Automotive: from feed sources to applications**
Thomas Buss
Indorama Mobility Group/PHP Fibres GbmH, Wuppertal (GER)
- 17:00 Flower Matter - Enable a circularity into the cut-flower industry through regenerative bio-based materials**
Chanawan Danpan, Irene Purasachit
Flower Matter, Berlin (GER), Helsinki (FIN)
- 17:20 Q&A and discussion**
Walter Woitsch
Syngroup Management Consulting GmbH (AUT)
- 17:40 End**

APPAREL & SPORTS

- 14:00 High speed body scanning as a new chance for dynamic optimisation of sports wear**
Yordan Kyosev et al
TU Dresden, Dresden (GER)
- 14:20 Evaluation of ergonomic comfort of trekking backpacks**
Ada Ferri et al
Politecnico di Torino, Torino (ITA)
- 14:40 Calorimetric methods in textile development**
Boris Bauer
DITF Denkendorf, Denkendorf (GER)
- 15:00 Chasing Cool: Creating Next-Generation Cooling Textile Technology**
Courtney Cruzan
brrr^o, Atlanta (USA)
- 15:20 Q&A and discussion**
Marina Crnoja-Cosic
Kelheim Fibres (GER)
- 15:40 BREAK**

SMART FUNCTIONAL SURFACE

- 16:00 Silverized Cotton**
Esther Rohleder¹ et al, T. Tüfek²
Hochschule Niederrhein¹, Mönchengladbach, Statex Produktions- und Vertriebs GmbH², Bremen (GER)
- 16:20 iTex-4-MoRe – Intelligent Textiles for physiotherapy in mobile rehabilitation**
Pulkit Mishra et al
Textilforschungsinstitut Thüringen-Vogtland e.V., Greiz (GER)
- 16:40 Development of Mattress Pad that Applies Electrical Stimulation Preventing Pressure Ulcers Formation**
Berin Hacıoğlu¹ et al, H. Alisoay²
Zorlutekst Tekstil Ticaret ve Sanayi A.S.¹, Kırklareli, Tekirdag Namik Kemal University², Corlu (TUR)
- 17:00 Development of intelligent fibres to generate textiles with thermoresponsive and optical indicator properties**
Svenja Kloss et al
Albstadt-Sigmaringen University, Sigmaringen (GER)
- 17:20 Q&A and discussion**
Gerhard Havranek
Havranek GmbH (GER)
- 17:40 End**

FIBER INNOVATIONS

09:00 **New permanently antimicrobial modified Lyocell fibres**
Ayad Abul-Ella¹, F. Meiser et al²
Largentec Vertriebs GmbH¹, Berlin, Thüringisches Institut für Textil- und Kunststoff-Forschung², Rudolstadt (GER)

09:20 **High-performance chitosan filament yarns from ionic liquids**
Irina Kuznik
ITM, Dresden (GER)

09:40 **Development of protective fibres and textiles with improved impact resistance properties**
Paulo Teixeira et al
CeNTI, V. N. de Famalicão (POR)

10:00 **Melt-spun manmade fiber with scalable nano-, submicro- and microstructured surfaces**
Leopold Alexander Frankenbach et al
ITM, Dresden (GER)

10:20 **Q&A and discussion**
Claudia van Bonn, Deutscher Fachverlag GmbH (GER)

10:40 **BREAK**

11:00 **Functionalized Bi-Component Monofilaments and their Applications**
Benedikt Neugirg
Perlon Nextrusion Monofil GmbH, Bobingen (GER)

11:20 **Luminescent optical fibers produced by bicomponent or liquid-core meltspinning**
Rudolf Hufenus, Empa, St. Gallen (SUI)

11:40 **Development of thermoresponsive fibers for smart textiles and investigation of their properties**
Jiayan Gu et al
Albstadt-Sigmaringen University, Albstadt (GER)

12:00 **States of Matter - Wool fibers and non-traditional methods**
Petra Garajová
Fabricademy - Textile and Technology Academy, Nové Zámky (SVK)

12:20 **Triboelectric fiber for energy autonomous smart-textile**
Gaffar Hossain
V-Trion GmbH Textile Research, Hohenems (AUT)

12:40 **Q&A and discussion**
Eric Jürgens, Groz-Beckert KG (GER)

13:00 **END**

SUSTAINABILITY & CIRCULAR ECONOMY & RE-CYCLING

09:00 **REACT a tool for impurities problems in outdoor sector recycling**
Daniele Piga¹ et al, R. Vannucci² et al
Centrocot¹, Busto Arsizio, Ferrari², Sovio (ITA)

09:20 **HEREWEAR: Empowering local, circular & bio-based textiles**
A. Ota¹, Lien Van der Schueren¹ et al
Centexbel¹, Zwijnaarde (BEL), DITF², Denkendorf (GER)

09:40 **Development of biodegradable filament yarn from PHA polymer**
Cansu Uldudoğan¹ et al, Aybige Akdag²
Korteks¹, Uludağ University², Bursa (TUR)

10:00 **Evaluation of different end-of-life scenarios for textile polyester waste streams**
Amrei Becker¹ et al, M. Gausmann²
Institut für Textiltechnik¹, Aachener Verfahrenstechnik der RWTH², Aachen (GER)

10:20 **Q&A and discussion**
Andreas Bartl
Vienna University of Technology (AUT)

10:40 **BREAK**

11:00 **Recycling of Cellulases in a circular economy approach for textile waste**
Sophia Mihalyi et al
University of Natural Resources and Life Sciences Vienna, Tulln an der Donau (AUT)

11:20 **Alkaline and enzymatic hydrolysis of cotton / polyester textile waste**
Pablo Kählig et al
Technical University of Vienna, Vienna (AUT)

11:40 **Nylon dissolution and recovery from fiber blends for recycling**
Avinash P. Manian et al
Research Institute of Textile Chemistry/Physics, University of Innsbruck, Innsbruck (AUT)

12:00 **Innovation in Sustainable Denim**
Selvam Puthuramudu Velmurugan
KG DENIM LTD, COIMBATORE (IND)

12:20 **Q&A and discussion**
Friedrich Weninger
Austrian Fibers Institute (AUT)

12:40 **END**

SMART FUNCTIONAL SURFACE

09:00 **Electrically conductive monofilaments: improved processability using a two-phase system**
Birgit Stubbe¹ et al, Chr. Hübner² et al
CENTEXBEL¹, Zwijnaarde, (BEL), Fraunhofer ICT², Pfinztal (GER)

09:20 **Fibres for automotive interior lighting applications**
Sofia Silva¹ et al, C. Oliveira² et al, J. Coelho³
CeNTI¹, Vila Nova de Famalicão, CITEVE², Vila Nova De Famalicão, Simboldes³, Oliveira de Azeméis (POR)

09:40 **Environmental measures with new technology of spin finish oil for PET fibre**
Yoshihiro Takayama et al
Takemoto, Gamagori-city, Japan (JPN)

10:00 **Multi-functional cellulose textiles with increased radiation protection and skin care effect**
Kristina Klinkhammer¹ et al, M. Krieg², B. Mahtig³
Hochschule Niederrhein¹, TITK², Rudolstadt, University of Applied Sciences³, Mönchengladbach (GER)

10:20 **Q&A and discussion**
Dieter Eichinger
CIRFS European Man-made Fibres Association (BEL)

10:40 **BREAK**

11:00 **Surface Activation and Functionalization of Membranes by Plasma Treatments**
Núria Portolés Gil et al
Leitat, Terrassa, Barcelona (ESP)

11:20 **Development of a smart textile to improve thermal comfort**
Javier Vera Sorroche¹ et al, J.Lejeune² et al
CETI (European Center for Innovative textiles)¹, Tourcoing, Univ. Lille, ENSAIT, GEMTEX², Lille (FRA)

11:40 **Flexible and reliable conducting structures on textiles: A new approach**
Annika Gambke et al
Textile Research Institute Thuringia-Vogtland e.V., Greiz (GER)

12:00 **Spinning ionic electroactive polymer monofilaments for use in actuator structures**
Mathis Bruns et al
TU Dresden ITM, Dresden (GER)

12:20 **Q&A and discussion**
Karine Wallois
CLUBTEX (FRA)

12:40 **END**

2ND INNOVATION DAYS

Visit the young companies in the innovations tent.

Live presentations:

Pitch time / Company / Homepage

Wednesday, 14:00h

Haelixa technology creates traceable fingerprint for different materials / Haelixa, Kempththal (SUI), www.haelixa.com

Wednesday, 14:30h

Bio-based circular fibre, endlessly recyclable
NOOSA, Brussels (BEL), www.noosafiber.com

Wednesday, 15:00h

Enabling the circularity of cut flowers through regenerative biobased materials.

Flower Matter, Berlin (GER), kao.chanawan@gmail.com

Wednesday, 15.30h

Decarbonization through digitalization.

ABD GmbH (AUT), Partners: Decision Trees GmbH (GER),
Visplore GmbH (AUT), www.abd.at

Wednesday, 16:00h

Calculate packaging recyclability and life cycle assessment with just ONE software.

Packaging Cockpit, Vienna (AUT), www.packaging-cockpit.com

Thursday, 9:00h

Our roots are steeped in nature and innovation

Woodspin oy, Jyvaskyla (FIN), www.woodspin.com

Thursday, 09:30h

Making high performance materials Affordable

FibreCoat GmbH, Aachen (GER), www.fibrecoat.de

Thursday, 10:00h

Renewable Polymers, renewable chemistry and catalysis

Avantium Renewable Polymers B.V., Amsterdam (NED)
www.avantium.com

Thursday, 10:30h

Vienna Textile Lab BgmH produce textile dyes with naturally occurring bacteria.

Vienna Textile Lab GmbH, Vienna (AUT), www.viennatextilelab.at

Thursday, 14:00h:

Make robust decisions in an uncertain market with ML/AI support

MIR Insight AS, Oslo (NOR), www.mirinsight.com

Thursday, 14:30h:

Possibilities for the production of flexible mycelial materials

Institute of Advanced Architecture of Catalunya, Barcelona (SPN)
annahololade.sangosanya@gmail.com

Thursday, 15:00h:

The project investigates the chemical properties of wool waste

Fabricademy - Textile and Technology Academy, Nové Zámky (SVK)
pgarajova.lab@gmail.com

Thursday, 15:30h:

Convert the textile value chain from petroleum-based to bio-based

Biotextfuture project with RTWH Aachen (GER), www.ita.rwth-aachen.de

Thursday, 16:00h:

Spintex offers solutions for sustainable and technical textiles

Spintex Engineering Ltd. (GBR), www.spintex.co.uk

EXHIBITION AREA

Stand number / Exhibition Area

- 1 **Märkische Faser GmbH**, Premnitz (GER)
- 2 **Oerlikon Textile GmbH & Co.**
Remscheid (GER)
- 3 **Kehlheim Fibres GmbH**, Kelheim (GER)
- 4 **ROBOMAT GmbH**, Freilassing (GER)
- 5 **Lenzing AG**, Lenzing (AUT)
- 6 **LIST Technology AG**, Arisdorf (SUI)
- 7 **OETI GmbH**, Vienna (AUT)
- 8 **TU Dresden**, ITM, Dresden (GER)
- 9 **RWTH Aachen**, Aachen (GER)
- 10 **DITF Denkendorf**, Denkendorf (GER)
- 11 **E. Bröll GmbH & Co KG**, Dornbirn (AUT)
- 12 **Säntis Textiles + Kipas Textiles**
Paya Lebar (SIN) + Kahramanmaraş (TUR)
- 13 **NIRI - Nonwovens Innovation**
West Yorkshire (GBR)
- 14 **Omya International AG**, Oftringen (SUI)
- 15 **Gneuss Kunststofftechnik GmbH**
Bad Oeynhausen (GER)
- 16 **Brucker BioSpin GmbH**, Etingen (GER)
- 17 **IFG Asota GmbH**, Linz (AUT)
- 18 **Groz-Beckert KG**, Albstadt (GER)
- 19 **Dytec**, Daegu (KOR)
- 20 **ecoplus Niederösterreichische
Wirtschaftsagentur GmbH**, St. Pölten (AUT)
- 21 **Tailorlux**, Münster (GER)
- 22 **Presscorner**