

**13:30** **Carbon neutral applications**  
[Circular Economy & Recycling](#)  
**tbc\_Lenzing AG**, Lenzing AG, Lenzing (AUT)

**13:55** **Green Chemical Strategy and Upcycling Technology for The Separation and Upcycling of Acrylic Fibers**  
[Circular Economy & Recycling](#)  
**Ali Demirci**, Aksa Akrilik Kimyasa Sanayii, Yalova (TUR)

**14:20** **Degradable LYCRA® Spandex Fiber for Improved Hygiene Garments**  
[Circular Economy & Recycling](#)  
**Nicholas Kurland**, The LYCRA Company, Virginia (USA)

**14:45** **How to make it happen, Design for Circularity!**  
[Circular Economy & Recycling](#)  
**Sonja Zak**, Lenzing AG, Lenzing (AUT)  
**Åsa Degerman**, Södra Innovation, Skogsudden (SWE)

**15:10** **Verifying Physical Deterioration of Recycled PP through Spinning Behavior Measurement**  
[Circular Economy & Recycling](#)  
**Takeshi Kikutani et al**, Tokyo Institute of Technology, Yokohama (JPN)

**15:35** - Pause -

**15:55** **Design of Disassembly with Resortecs, recycling made easy**  
[Circular Economy & Recycling](#)  
**Acerina Trejo Machin**, Resortecs, Anderlecht (BEL)

**16:20** **The presentation will focus on circularity in Workwear**  
[Circular Economy & Recycling](#)  
**Thomas Sieber**, Renaissance Textil/Klopman/TDV, Ratingen (GER)

**16:45** **Modelling post-consumer textile feedstock in regenerated cellulose fiber production**  
[Circular Economy & Recycling](#)  
**Fiona Ford et al**, The University of Manchester, Manchester (GBR)

**17:10** **Thermomechanical recycling of polypropylene textiles on closed loop for technical applications**  
[Circular Economy & Recycling](#)  
**Axelle Champion et al**, IFTH, Ecully (Frau)

**Scaling Recycled Fibers from Textile Waste**  
[Fiber Innovation](#)  
**Jean Hegedus**, The LYCRA Company, Robbinsville (USA)

**The Elastane quantification tool**  
[Fiber Innovation](#)  
**Emanuel Boschmeier et al**, TU Vienna, Vienna (AUT)

**Effect of Textile Spin Finishes on Thermoplastic PolyUrethane Elastomers**  
[Fiber Innovation](#)  
**Lith Bhargava Surgani Venu**, Lubrozol Advanced Materials inc., Breckville (USA)

**Recycling of conventional and biopolymer based staple fibres – from granulate to fibres and back**  
[Circular Economy & Recycling](#)  
**Andreas Weinberger**, ASOTA GbmH, Ansfelden (AUT)

**Tree To Textile -Better Fiber to All**  
[Fiber Innovation](#)  
**Asa Ostlund**, Tree To Textile, Stockholm (SWE)

**GRM Meets Filaments: Conductive Polyester Yarns for Smart Textiles**  
[Fiber Innovation](#)  
**Tim Biemelt et al**, Indorama Ventures/Trevira GmbH, Guben (GER)

**Plasma surface treatment and modivication for Carbon, Flac, and Glass fibers**  
[Fiber Innovation](#)  
**Ines Serrano et al**, Leitat, Terrassa (ESP)

**Development of Electrically Conductive Polyester Yarn by Surface Modification for Smart and Technical Textiles**  
[Fiber Innovation](#)  
**Miray Özbakis et al**, KORTEKS MENSUCAT SANAYI VE TICARET A.S, Bursa (TUR)

**Conductive PEDOT fibers: Novel fibers for use as sensors, actuators and smart textiles**  
[Fiber Innovation](#)  
**Mathis Bruns et al**, ITM TU Dresden, Dresden (GER)

**On the marine biodisintegration of nonwoven materials: Effects of additives**  
[Sustainability](#)  
**Dimitri Deheyn**, Scripps Institut of Oceanography, San Diego (USA)

**Recycled Polyester within the context of Fibre Fragmentation**  
[Sustainability](#)  
**Kelly Sheridan**, Microfibreconsortium, Bristol (GBR)

**tbc**  
[Sustainability](#)  
**Hugo Vuurens**, PHA Biopolymers

**Crimping of Isalnds-in-the-Sea micro fibres**  
[Sustainability](#)  
**Lukas Herrmann et al**, ProVentecs GmbH, Bremen (GER)

**Oerlikon Neumag Bicomponent Staple Fiber Spinning Technology - Platform for Fiber Innovation**  
[Sustainability](#)  
**Tilmann Reutter**, Oerlikon, Neumünster (GER)

**Novel melt-spun liquid-core filaments for drug-release and similar applications**  
[Sustainability](#)  
**Edith Perret et al**, Empa, St. Gallen (GER)

**Anti-bac 2.0 – the new generation of anti-bacterial masterbatches**  
[Sustainability](#)  
**Ralf Schellen**, IKV Innovative Kunststoffveredlungs GmbH, Premnitz (GER)

**Sustainable chemistries for cellulose fiber modification**  
[Sustainability](#)  
**Anna-Stiina Jääskeläinen et al**, Kemira Chemicals Germany GmbH, Frankfurt (GER)

**tbc**  
[Sustainability](#)  
**Informationen folgen ...**

**09:00** **NaOH pretreatment of mixed-fiber textiles - a design of experiment study**  
[Circular Economy & Recycling](#)  
**Katharina Steiner et al.**, Kompetenzzentrum Holz GmbH, Linz (AUT)  
**A. Bartl**, TU Vienna, Tulln (AUT)  
**D. Ribitsch**, BOKO Wien, Tulln (AUT)

**Production of PBS Multifilament Yarns on the Industrial Scale**  
[Fiber Innovation](#)  
**Kerim Klinc**, Polyteks Tekstil A.S., Bursa (TUR)  
**E. Karaca**, Ulugag University, Bursa (TUR)

**Performance Fibres meet Sustainable Design - example of a reusable Baby Diaper** **09:00**  
[Nonwovens & TT](#)  
**Natalie Wunder et al**, Kelheim Fibres GmbH, Kelheim (GER)  
**Luisa Kahlfeldt et al**, Sumo GmbH, Berling (GER)

**09:25** **Agricultural waste as value source for fibre chemicals**  
[Circular Economy & Recycling](#)  
**Alessandro Pellegrini**, Bozzetto Group, Filago (ITA)

**Building a Closed-Loop: Molecular Recycling of Automotive Fiber Waste**  
[Fiber Innovation](#)  
**Mark Treece et al**, Eastman, Kingsport (USA)

**LENZING™ Nonwoven platform: Journey to 100 % cellulosic nonwoven products** **09:25**  
[Nonwovens & TT](#)  
**Katharina Gregorich**, Lenzing AG, Lenzing (AUT)

**09:50** **Post-consumer cotton waste as an alternative raw material for the Lyocell spinning process**  
[Circular Economy & Recycling](#)  
**Antonio Martinez et al**, SaXcell BV, Enschede (NDL)

**Biosource PET and PA66 yarns for automotive applications – challenges, opportunities, and results.**  
[Fiber Innovation](#)  
**Thomas Buss**, Indorama Ventures, Wuppertal (GER)

**Spinning simulations in industrial context** **09:50**  
[Nonwovens & TT](#)  
**Walter Arne et al**, Fraunhofer ITWM, Kaiserslautern (GER)

**10:15** **Added functionality & performance by the use of TENCEL™ Luxe**  
[Circular Economy & Recycling](#)  
**Markus Pichler**, Lenzing AG (AUT)

**Eco-friendly new adhesive for rubber reinforcing fibers**  
[Fiber Innovation](#)  
**Yoshinori Hayakawa**, Toray Industries, Inc, Aichi (JPN)

**Innovation in Technical Nonwovens – Evolving USP** **10:15**  
[Nonwovens & TT](#)  
**Marc Jolly**, Norafin, Mildenau (GER)

- Pause - 10:40

**11:00** **Activating Textile Circularity - Cracking the Egg**  
[Circular Economy & Recycling](#)  
**Tricia Carey**, Renewcell, Stockholm (SWE)

**Development of UV-stabilised, Flame Retardant, Recycled PET Yarns for Outdoor Applications**  
[Fiber Innovation](#)  
**Özge Serra Cetin et al**, Turkuaz Tekstil San Tic. A. S., Bursa (TUR)

**Disruptive Technologies for Nonwoven Treatments** **11:00**  
[Nonwovens & TT](#)  
**Ross Ward**, NIRI - Nonwovens Innovation, Leeds (GBR)

**11:25** **High demand for circular fibers driving the Infinna™ capacity scale-up**  
[Circular Economy & Recycling](#)  
**Petri Alava**, Infinited Fiber Company, Espoo (FIN)

**New generation water rolling yarn “TACTEEM”**  
[Fiber Innovation](#)  
**Takahiko Kawasaki**, Unitika Trading Co., LTD., Tokyo (JPN)

**Electrospinning - A potentially sustainable method for production of nonwoven like structures** **11:25**  
[Nonwovens & TT](#)  
**Naveen Kumar Balakrishnan**, AMIBM, Aachen (GER)  
**Maïke-Elisa Ostheller**, AMIBM, Aachen (GER)

**11:50** **tbc**  
[Circular Economy & Recycling](#)  
**Teemu Lindberg**, Spinnova, Jyväskylä (FIN)

**Clearing the stage for a new generation of FR textiles – Creating solutions to today’s challenges**  
[Fiber Innovation](#)  
**Nick Carter**, Indorama Ventures Ltd., Hattersheim (GER)

**Towards high performing plant based AHP products - a joined approach of Pelz and Kelheim Fibres** **11:50**  
[Nonwovens & TT](#)  
**Ingo Bernt**, Kelheim Fibers GmbH, Kelheim (GER)  
**Henning Röttger**, Pelz Holding GmbH, Wahlstedt (GER)

**13:30 Latest technologies and developments in textile recycling**  
[Circular Economy & Recycling](#)  
**Elina Personen**, Andritz Oy, Kotka (FIN)  
**Franz Frühauf**, Andritz AG, Graz (AUT)

**13:55 tbc**  
[Circular Economy & Recycling](#)

**14:20 Real PET recycling instead of using bottle flakes**  
[Circular Economy & Recycling](#)  
**Axel Hannemann**, Gneuss Kunststofftechnik GmbH, Bad Oeynhausen (GER)

**14:45 Ending fibrous polyester waste VacuFil Visco+ inline fiber-to-fiber recycling of PET waste**  
[Circular Economy & Recycling](#)  
**Matthias Schmitz et al.**, BB Engineering GmbH, Remscheid (GER)

**15:10 Sustainable polypropylene fibers: Upcycling of post-consumer food packaging to high quality yarns**  
[Circular Economy & Recycling](#)  
**Stephanie Lukoschek**, TU Dresden, Dresden (GER)

**15:35** - Pause - **15:35**

**15:55 Innovation engineered for Performance:Spunbond Nonwoven Technology for production of Geotextile Nonwoven**  
[Circular Economy & Recycling](#)  
**Inog Mähmann**, Oerlikon, Neumünster (GER)

**16:20 tbc**  
[Circular Economy & Recycling](#)  
**Eberhard Brack**, Märkische Faser GmbH, Premnitz (GER)

**16:45 Biosource polymers and their use for textile applications**  
[Circular Economy & Recycling](#)  
**Tony De la Hoz**, Hills, Inc., West Melbourne (USA)  
**H. Kaleem**, Hills, Inc., West Melbourne (USA)

**17:10 How VORTEX, air-jet spinning, may contribute to sustainability in the Industry**  
[Circular Economy & Recycling](#)  
**Akitsugu Mori**, Murata Machinery Ltd., Osaka (JPN)

**Omyafiber® solutions in polyester and PLA fibre applications**  
[Fiber Innovation](#)  
**Barbara Bonaviglia et al.**, Omya International AG, Oftringen (SUI)

**Formation of Stereocomplex-PLA on technical scale**  
[Fiber Innovation](#)  
**Boris Marx et al.**, Faserinstitut Bremen e.V., Bremen (GER)

**Polyethylene Furanoate: Scalable biobased polyester for textile industry**  
[Fiber Innovation](#)  
**Pavan Kumar Manvi**, Avantium Renewable Polymers B.V., Amsterdam (NEL)

**Does the Spinning Scale affect the degradability of home-compostable polymers?**  
[Fiber Innovation](#)  
**Simon Schick et al.**, AMIBM, Gellen, (NLD)  
**Robert Groten**, HSNR, Moenchengladbach (GER)

**SENSIL® Nylon - Downstream Sustainable Solutions**  
[Fiber Innovation](#)  
**Pierluigi Berardi**, Nilit, Migdal (Israel)

**Sustainable solutions for Industrial High Tenacity Polyester**  
[Fiber Innovation](#)  
**Laura Alcober**, Brilen Tech, S.A., Zaragoza (SPA)

**Rilsan® PA11: Advanced, Biobased and Circular solution for high performance textiles**  
[Fiber Innovation](#)  
**Stefânia Cassiano Gaspar**, Arkema, Colombes (FRA)

**Sustainability drives RadiciGruppo's new developments**  
[Fiber Innovation](#)  
**Loris Maestri**, Radici Yarn SpA, Villa d'Ogna (ITA)

**Towards circular textiles - Physical respinning of Twaron para-aramid**  
[Fiber Innovation](#)  
**Bas Pierik et al.**, Teijin Aramid BV, Arnhem (NLD)

**MC4 - Mult-Level Circular Process Chain for Carbon and Glass Fibre Composites**  
[Nonwovens & TT](#)  
**Robin Oddon et al.**, Techtera, Ecully (FRA)

**VliesSMC – Processing recycled carbon fiber nonwovens in sheet molding compound**  
[Nonwovens & TT](#)  
**Marcel Hofmann et al.**, STFI e.V., Chemnitz (GER)

**Development of sustainable Hybrid Roving (Enka TechTape) for green composites**  
[Nonwovens & TT](#)  
**Daniel Hehn**, Indorama Ventures Mobility, Obernburg (DE)

**Recent developments of all-cellulose composites from cellulose fibers – concepts, properties and applications**  
[Nonwovens & TT](#)  
**Mikael Skrifvars**, University of Borås, Borås (SWE)

**CORA” – New cost efficient material for scalable carbon dioxide removal from air**  
[Nonwovens & TT](#)  
**Marc P. Vocht et al.**, DITF1, Denkendorf (GER)  
**U.Zuberbühler**, ZSW, Stuttgart (GER)  
**T. Fröhlich**, Ifeu Heidelberg, Heidelberg (GER)

**15:35** - Pause - **15:35**

**Leveraging the the Future of the Worldwide Textile & Fashion Industry**  
[Apparel & Sports](#)  
**Albin Kaelin**, epeaswitzerland gmbh, Bäch (SUI)

**Green Denim Fabric (100% sustainable denim fabric production from textile waste by using sustainable ozon technology )**  
[Apparel & Sports](#)

**Innovations in Sewing Thread for Circular Economy**  
[Apparel & Sports](#)  
**SK Raja**, Coats Group Plc., Bangalore (IND)

**tbc**  
[Apparel & Sports](#)  
**Informationen folgen ...**, **17:10**

**09:00** **Automation and digitalization of textile sorting for reuse and recycling**  
[Industry meets AACHEN University](#)  
**Anna Phersson**, TEXAID Textilverwertungs-AG, Schattdorf (SUI)

**09:25** **Sustainable recycling: How length-preserving tearing contributes to the production of high-quality yarn**  
[Industry meets AACHEN University](#)  
**Marco Benedetti**, Omni srl, Prato (ITA)

**09:50** **Sustainability in the textile industry: How the spinning mill turns recycled material into yarn**  
[Industry meets AACHEN University](#)  
**Silke Huertos-Lopez**, Spinning Solutions GmbH & Co. KG, Übach-Palenberg (GER)

**10:15** **Waste Stream and Recycling Processes –Sorting of Textiles via NIR technology**  
[Industry meets AACHEN University](#)  
**Malte Althaus**, TOMRA Sorting GmbH, Mülheim-Kärlich (GER)  
**Amrei Becker**, TOMRA Sorting GmbH, Mülheim-Kärlich (GER)

**10:40** - Pause - **10:40**

**11:00** **Condition monitoring with intelligent sensor fibers to enable sustainable technologies**  
[Industry meets AACHEN University](#)  
**Martin Tazl**, NAUE GmbH & Co. KG, Ort, Espelkamp-Fiestel (GER)  
**Jeanette Ortega**, NAUE GmbH & Co. KG, Ort, Espelkamp-Fiestel (GER)

**11:25** **PFAS-free polymer optical fibres - approaches and barriers to product development**  
[Industry meets AACHEN University](#)  
**Mark Pätzelt**, Sojitz Europe plc, Düsseldorf (GER)

**11:50** **Potentials and opportunities for the use of shape memory fibres in 4D textiles**  
[Industry meets AACHEN University](#)  
**Felix Kross**, RWTH Aachen, Aachen (GER)

**New test method of determine the exotoxicological impact of fiber abrasion during laundering**  
[Apparel & Sports](#)  
**Juliane Alberts et al**, Hohenstein Laboratories, Bönningheim (GER)

**Warm feet in extreme conditions: defining a thermal comfort rating scale for mountaineering boots**  
[Apparel & Sports](#)  
**Eleonora Bianca**, Politecnico di Torino, Torino (ITA)

**Fabrics for multispectral signature reduction**  
[Apparel & Sports](#)  
**Juan Marcos et al**, Textil Santanderina1, Cabezón de la Sal, AITEX2, Alcoy (SPN)

**Nanocellulose screen-printing for an improved moisture management of flame-resistant fabric**  
[Apparel & Sports](#)  
**Vanja Kokol et al**, University of Maribor, Maribor (SLO)

**Leather, synthetic leathers and vegan trendy alternatives – a comparison of their technical performance**  
[Apparel & Sports](#)  
**Michael Meyer**, Filk Freiberg Institute gGmbH, Freiberg (GER)

**Melt Spinning of Polybutylene Succinate and Artificial Leather Prototypes Thereof**  
[Apparel & Sports](#)  
**Stefan Schindler**, DITF, Denkendorf (GER)

**INNOVATIVE COATED TEXTILE MATERIALS FOR ELECTROMAGNETIC SHIELDING APPLICATIONS**  
[Fiber Innovation](#)  
**Augusta Marinho**, CITEVE, Vila Nova de Famalicão (POE)  
**Augusta Silva**, CITEVE, Vila Nova de Famalicão (POE)

**Novel Additives Developed to Improve the Environmental Footprint of Fabric Laundering**  
[Fiber Innovation](#)  
**Mat Bridges et al**, Goulston, Monore (USA)

**Innovations in Core-Yarn Technology**  
[Fiber Innovation](#)  
**Sören Jonas et al**, Zwickauer Kammgarn GmbH, Wilkau-Haßlau (GER)

**Transformation of Textile & Fashion Industry by Circular Design Process**  
[Fiber Innovation](#)  
**Daniel Aeschbacher**, epeaswitzerland gmbh, Solothurn (SUI)

**From Seed to Yarn – Setting up a European Processing Chain for Textile Hemp**  
[Fiber Innovation](#)  
**Alexander Bachmann**, Topp Textil GmbH, Durach (GER)

**The effect of knitting patterns on clothing physiological properties of hemp garments**  
[Fiber Innovation](#)  
**Edith Classen et al**, TU Chemnitz, Chemnitz (GER)  
**Dominic Berndt**, TU Chemnitz, Chemnitz (GER)

**Hemp meets fashion and function**  
[Fiber Innovation](#)  
**Ellen Bendt**, HS Niederrhein, Mönchengladbach (GER)Hemp meets fashion and function