

Press release

nova-Institut GmbH (www.nova-institute.eu)

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The Success Story of Cellulose Fibres Continues – First Peaks Into the Program of the Upcoming Cellulose Fibres Conference 2023 Available

The Presentations Will Introduce the Latest Development in the Sustainable Circular Industry. 8-9 March, 2023 in Cologne, Germany and Online

The commercial production of man-made cellulose fibres currently relies on the use of dissolving-grade pulp from wood. Alternative feedstocks such as non-wood fibres, textile waste or even paper grade pulp provide new and alternative raw materials for related industries. A wider raw material base also holds great potential for further optimising the environmental compatibility of man-made cellulosic fibres.

The presentations at the Cellulose Fibres Conference will provide valuable information on the wide range of applications for cellulosic fibres with alternative or improved feedstocks and technologies, closed loop and circular systems and their environmental impacts.

Preliminary Program Online

In addition, the steadily growing sectors of cellulose-based non-wovens, packaging and hygiene products will offer insights beyond the horizon of the conventional textiles applications. For the CFC 2023, the advisory board has selected the following presentations. More to follow shortly.

Traditional and New Markets for Cellulose Fibres

- Andreas Engelhardt, The Fibre Year (CH) – *Latest Market Trends in the Textile Industry*
- Katharina Gregorich, Lenzing (AT) – *Replacing Plastics in Non-wovens With LENZING™ web Technology a New Platform for Sustainable Innovative Non-woven*
- Michael Hummel, Aalto University (FI) – *Lyocell-filaments From Wood as Precursor for Carbon Fibres*
- Natalie Wunder, Kelheim Fibres (DE) – *From Trend to Product – Open Innovation Approach Using the Example of High-performance Reusable Diaper*
- Sascha Schriever, Institut für Textiltechnik der RWTH Aachen University (DE) – *Regional, Digital, Individual – Regional Cellulose Processed With Digital Technologies for Individual Textile and Paper Products*
- Wendy Rodriguez Castellanos, Centre d'innovation des produits cellulosesques-Innofibre (CA) – *Packaging From Recycled Textile Fibres. Opportunities and Challenges*

Circular Economy and Recyclability of Fibres

- Manuel Steiner, List (CH) – *Lyocell 2.0 – The Power of Circularity*
- Maria Ström, The Loop Factory (SE) – *TexChain – Using Residual Waste Streams to Create a Circular Business Strategy*
- Nina Schafroth, Sulzer (CH) – *Circular Economy and the Recycling of Fibres*
- Paula Sarsama, Infinited Fiber Company (FI) – *Demonstration and Launch of High Performance, Biodegradable, Regenerated Cellulose Carbamate Textiles to Consumer Markets Through an Innovative, Circular Supply Chain*

Sustainability and Environmental Impacts

- Ali Harlin, VTT (FI) – *Energy Impact on Different Regenerated Fibre Processes*
- Prasad Thitame, Grasim Industries / Birla Cellulose (IN) – *Cellulosic Fibre Innovations to Improve Sustainability in Product Designs*

Alternative Feedstocks

- Antje Ota, German Institutes of Textile and Fiber Research Denkendorf (DITF) (DE) – *Local, Circular and Sustainable: New Raw Materials for the Production of Cellulose Filaments*
- Birgit Kosan, Thüringisches Institut für Textil- und Kunststoff-Forschung (DE) – *Specifics of Non-wood Dissolving Pulps on Dissolution and Spinning of Lyocell Fibres*
- Jenni Rahikainen, VTT (FI) – *Paper-grade Pulp as Raw Material for Regenerated Cellulosic Fibres in an Ionic-liquid Based Process*

Ionic Liquids and New Technologies for Pulps, Fibres and Yarns

- Anna-Stiina Jääskeläinen, Kemira (FI) – *Chemical Compliance and Hydrophobation Cellulosic Textiles*
- Eva Gazagnaire, University of Helsinki (FI) – *Versatile Suberbase ILs (SILs) for Biomass and Synthetic Materials Processing*
- Åsa Östlund, Tree to Textile (SE) – *Alkaline Dissolution and Spinning of Cellulose to Textile Fibres*

The preliminary program is available at <https://cellulose-fibres.eu/program>.

The innovation award „Cellulose Fibre Innovation of the Year 2023“ is sponsored by GIG Karasek (AT), Gold sponsor is the Lenzing AG (AT), Bronze sponsors are Dienes Apparatebau GmbH (DE) and Kelheim Fibres (DE). We kindly thank our sponsors for their support.

If you too would like to sponsor the Cellulose Fibres Conference 2023 please visit <https://cellulose-fibres.eu/sponsoring>.

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