



The 12th Workshop on Cellulose

Regenerated Cellulose and Cellulose Derivatives

10-11 November 2026

Örnsköldsvik, Sweden

www.celluloseworkshop.com

12th Cellulose Workshop 10-11 November 2026 - Preliminary Program

Venue: Elite Plaza Hotel Örnsköldsvik, Hotellgatan 9, SE-891 39 Örnsköldsvik, Sweden.

Conference room "Pinassen".

Day 1 - Tuesday 10 November

09:00 - 10:00 **Registration and coffee**

10:00 - 10:10 **Welcome**

10:10 - 11:00 **Keynote 1**

- **Thomas Rosenau**, BOKU University, Austria.
"β-Irradiation (e-beaming) of celluloses in the absence or presence of ionic liquids"

11:00 - 11:10 **Short break**

11:10 - 12:10 **Session 1: Regeneration of cellulose**

- **Thaliata Damaceno**, CeNTI, Portugal.
"Creating real impact: Development of high-performance sustainable man-made cellulosic fibers via ionic liquid processing"
- **Hamid Ahadian**, VTT, Finland.
"Regenerated cellulose films and coatings: Characteristics, applications, upscaling"
- **Elise Meurs**, Karlstad University, Sweden.
"Viscose from cotton waste dissolving pulp: Swelling, activation and purification during mercerization"

12:10 - 13:30 **Lunch**

13:30 - 14:10 **Session 2: Cellulose in waste water treatment**

- **Solange Magalhães**, Mid Sweden University, Sweden.
"Tailored cellulose-based biofloculants for sustainable wastewater treatment with reduced ecotoxicity"
- **Kay Hettrich**, Fraunhofer-Institute for Applied Polymer Research, Germany.
"Development of cellulose-based sorbent materials for the removal of oxoanions from water"

14:10 - 14:50 **Coffee break**

14:50 - 15:30 **Session 3: Cellulose fundamentals**

- **Niklas Kvarnlöf**, Karlstad University, Sweden.
"Hydrogen bonds, hydrophobic interactions and capillary forces play important roles in cellulose-cellulose interactions"
- **Agneta Richter-Dahlfors**, Karolinska Institutet, Sweden.
"Lignocellulosic transformations analysed by spatio-chemical mapping"

End of Day 1

18:30 **Dinner**



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Day 2 - Wednesday 11 November

08:30 – 09:20

Keynote 2

- **Miguel Sanchis-Sebastiá**, Sharetex.
"ShareTex – A versatile technology to recycle waste textiles"

09:20 – 09:30

Short break

09:30 – 11:00

Session 2: Cellulose analysis and derivatization

- **Ola Sundman**, Umeå University, Sweden.
"Measuring the MWD of cellulose with a DMSO-based solvent"
- **Alina Schmidt**, Karolinska Institutet, Sweden.
"Anatomy-guided cellulose characterization and valorisation of the macroalga Ulva"

10:10 – 10:20

Short break

- **Anousheh Fazeli**, Umeå University, Sweden.
"Measuring, analysing, and understanding the yellowing of cellulose acetate during production"
- **Julian Sauer**, BOKU University, Austria.
"3D-Electron diffraction of derivatized cellooligomers"

11:00 – 11:20

Coffee

11:20 – 12:20

Session 5: Cellulose and cellulose derivate applications

- **Golnoosh Akhlagi**, Aalto University, Finland.
"Hybrid SWCNTs-nanocellulose networks as current-collector-free electrodes"
- **Katarzyna Jankowska**, Umeå University, Sweden.
"Electrospun cellulose acetate as a separator platform for metal-ion batteries"
- **Lukas Hollerer**, BOKU University, Austria.
"Synthesis of anionic cellulose derivatives and their application as calcium sequestering agents"

12:20 – 13:20

Lunch

13:30 – 15:00

Study visit at High Coast Innovation Park

- 13:30 Bus transfer to High Coast Innovation Park
- 13:40 Study visit
- 14:50 Bus transfer back to Örnsköldsvik
- 15:00 End of conference

Information

For more information, visit www.celluloseworkshop.com or contact:

Dr. Ola Sundman, email ola.sundman@umu.se, or professor Leif Jönsson, e-mail leif.jonsson@umu.se

Welcome to Örnsköldsvik, Sweden, on 10-11 November 2026!