

WWSC Workshop December 2022

December 7 – 9, Vildmarkshotellet, Kolmården

Wednesday December 7

- 09.30 *Bus leaving Stockholm C*
- 10.45 *Bus leaving Katrineholm C*
- 11.00 *Bus leaving Norrköping Resecentrum*
- 12.00 *Lunch*
- 13:10 Welcome address**
Eva Malmström, Center Director
- 13:25 Nanocellulose Composite Materials for Advanced Wound Care**
Daniel Aili, LiU
- 14.10 About xylan and water**
Tiina Nypelö, Chalmers
- 14:40 *Break (possibilities to check in)*
- 15:10 Scaling Principles for Understanding and Exploiting Adhesion**
Alfred Crosby, University of Massachusetts Amherst, USA (via Zoom)
- 16:00 WWSC Academy Pitch session**
- 17:00 Poster session 1**
- 18:00 Poster session 2**
- 19:00 *Dinner*

Thursday December 8

- 09:00 Molecular simulation studies of aggregated microfibrils**
Antti Pajanen, VTT, Finland
- 09:30 Taming the invisible with cellulose**
Magnus Jonsson, LiU
- 10:00 *Break*
- 10:45 MAX IV and ForMAX as a versatile tool for WWSC**
Daniel Söderberg, KTH

- 11:15** **WWSC Bibliometrics – Benchmarking Research Impact**
Christian Müller, Chalmers
- Public Dissemination through Press Releases**
Simone Fabiano, LiU
- 12:00* *Lunch*
- 13:00** **Discovery, engineering, and applications of copper-containing CAZymes (and cousins)**
Harry Brumer, University of British Columbia, Canada
- 13:45** **Cellulose in aqueous alkaline hydroxides**
Merima Hasani, Chalmers
- 14:15** **3D-Printing of cellulose composites for OECTs applications**
Matteo Massetti, LiU
- 14:35* *Break*
- 15:05** **Towards a Practical Route to Polymer-Grafted Bleached Market Pulp**
Bob Pelton, McMaster University, Canada
- 15:50** **Work session – Innovation and Entrepreneurship within WWSC**
Magnus Wikström, MaWi Development
- 17:50** **Activity**
- 19:15* *Dinner*

Friday December 9

- 09:00** **Chemical and enzymatic modification of wood for functional materials**
Qi Zhou, KTH
- 09:45* *Break (WWSC LG meeting and latest check out from hotel room)*
- 10:50** **Circular Materials from the Forest – a Chemistry Perspective**
Peter Olsén, KTH
- 11:20** **How do we design for function and recycling**
Karin Odelius, KTH
- 11:50** **Concluding remarks**
- 12:00* *Lunch*
- 13:30* *Buses leaving Vildmarkshotellet, arriving at Stockholm C ca 15.30, Katrineholm C ca 14.30, and Norrköping Resecentrum ca 14.00*

