

WWSC Workshop November 2025

Tuesday November 25

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| 10:30 | <i>Bus leaving Skövde C</i> |
| 11:00 | <i>Bus leaving Gothenburg C</i> |
| 12:30 | <i>Lunch</i> |
| 13:30 | Welcome address
Eva Malmström, Center Director |
| 14:00 | Cool plastics for a greener world
Natalie Stingelin, Georgia Institute of Technology, USA |
| 14:40 | Sustainability assessment of biobased systems
Göran Berndes, Chalmers |
| 15:00 | Guiding wood-based technology development with prospective LCA
Magdalena Svanström and Rickard Arvidsson, Chalmers |
| 15:20 | <i>Coffee break</i> |
| 15:50 | Umeå Plant Science Centre and WIFORCE – Sweden's largest forest-research project
Ove Nilsson, SLU |
| 16.20 | <i>Short break</i> |
| 16:30 | Pitch and poster session 1 |
| 18:30 | <i>End of Day 1</i> |
| 19:00 | <i>Dinner</i> |

Wednesday November 26

- 09:00** **Hemicelluloses as molecular anchors to improve the functionality of cellulosic networks**
Francisco Vilaplana, KTH
- 09:40** **CelluCircle: The future for textile recycling**
Varvara Apostolopoulou-Kalkavoura, CelluCircle
- 10:00** **Forest to Forest – PaperShell’s Circular Bio-Economy**
Fabian Hardt, PaperShell
- 10:20** **Södra – Innovation in new and existing business**
Hanna de la Motte, Södra
- 10:40* *Coffee break*
- 11:10** **WWSC Program I-IV presentations**
Merima Hasani, Chalmers
Eva Malmström, KTH
Jakob Wohlert, KTH
Mats Fahlman, LiU
- 12:30* *Lunch*
- 13:30** **Postdoc presentation: Enhancing Cellulose Nanofibril Assemblies: The Role of Polymeric Nanoparticle Additives**
Åsa Jerlhagen, KTH
- 13:45** **WWSC Bibliometry**
Lisbeth Olsson, Chalmers
- 14:05** **Program meetings (PI – IV)**
Group sessions including coffee break
- 16:10* *Short break*
- 16:30** **Pitch and poster session 2**
- 18:30* *End of Day 2*
- 19:00* *Dinner*

Thursday November 27

- 09:00** **Is it possible to completely dry cellulose?**
Igor Zozoulenko, LiU
- 09:30** **Postdoc presentations:**
- Mechanochemistry: A Greener Esterification Route for Versatile Lignin Building Blocks Synthesis**
Ahilan Manisekaran, Chalmers
- Studies on biomass valorization using esterases active on long-chain substrates**
Meera Christopher, Chalmers
- Equilibrium Control for High-Yield Bio-Based Monomers from Vanillin**
Judith Martin Rodriguez, LiU
- EPR Insights into Lignin Radical Chemistry**
Liam Mistry, Chalmers
- 10:30** *Coffee break*
- 11:00** ***Bark – an underutilized material resource***
Monica Ek, KTH
- 11:30** **Wood, fibers and fibrils as substrates for multiple functions**
Lars Berglund, KTH
- 12:10** **Concluding remarks**
- 12:20** *Lunch*
- 13:30** *Buses leaving Bohusgården,
arriving at Gothenburg C ca 14.30
arriving at Skövde C ca 15.30*