

Bio4Energy

Summer Researchers' Meeting 2026

Wednesday 3 June 9.15-15.45

Medlefors Hotell & konferens, Skellefteå

9.15 Fika

9.45 Welcome and opening of the meeting

Information from the managers

10.15 Biopolymers and biochemical conversion

Leif Jönsson, BioPolChem platform leader, UMU

10.20 From Forest Damage to Resource: Converting Resin-Rich Diseased Pine into Renewable Chemicals and Energy

Leonidas Matsakas, BioPolChem-BPE, LTU

10.35 A Novel Biorefinery Merging 2nd and 3rd Generation Feedstocks for Fuels, Biochemicals, and Materials

Katerina Hruzova, BioPolChem-BPE, LTU

10.50 Biopolymer production from bacteria using Nordic algae-derived carbohydrates

Saumita Chakravarty, BioPolChem-DOC, UMU

11.05 Investigating the Cause of Cellulose Acetate Yellowing

Anousheh Fazeli, BioPolChem-DOC, UMU

11.25 Energy-Efficient Fibrillation of Biologically Pretreated Wood Biomass

Renald George Swamy, BioPolChem-WBN, LTU

11.40 Sustainable Biocarbon for Next-Generation Batteries and Electronics

Mandeep Singh, BioPolChem-WBN, LTU

12.00 Lunch

Restaurant Spisa, Medlefors Hotell & konferens

13.00 Invited external speakers

Towards Circular Construction: Insights from Wood Research on Reuse and Urban Mining

Karin Sandberg, RISE Skellefteå

13.30 Resource responsibility - Reducing wood residues - The sawing process

Frank Schleicher, RISE Skellefteå

14.00 Insight into some of the opportunities Skellefteå Kraft is developing within green chemistry/energy, how these opportunities both affect the energy

system as a whole and each other within the bioeconomy
Erik Pott, Skellefteå Kraft

14.30 Fika (FORUM for discussion with external speakers)

15.00 Charge2Change: Electrochemical Processes to Derive Sustainable Change
Rabia Ayub and Chandani Singh, RISE Processum, Örnsköldsvik

15.30 Closing remarks and recognition

15.45 Meeting closes