

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, RISE Processum, Örnsköldsvik

15.30 Closing remarks and recognition

15.45 Meeting closes

PARTICIPANTS

	Name	Organization
1	Carlos Martín Medina	Umeå University
2	Johannes Hanson	Umeå University
3	Gopinathan Manavalan	Swedish University of Agricultural Sciences
4	Renald George Swamy	Luleå University of Technology
5	Santosh Khokarale	Umeå University
6	Ulrika Rova	Luleå University of Technology
7	Leonidas Matsakas	Luleå University of Technology
8	Marcus Öhman	Luleå University of Technology
9	Hoda Shafaghat	RISE
10	Liang Yu	Luleå University of Technology
11	Mikael Thyrel	Swedish University of Agricultural Sciences
12	Ola Sundman	Umeå University
13	Mateo Bello Villarino	Umeå University
14	Hannele tuominen	Swedish University of Agricultural Sciences
15	Mandeep Singh	Luleå University of Technology
16	Saumita Chakravarty	Umeå University
17	Magnus Rudolfsson	Swedish University of Agricultural Sciences
18	Luisa Voltz	Luleå University of Technology
19	Markus Broström	Umeå University
20	Robert Nilsson	RISE
21	Marco Bassani	Umeå University
22	Anna Strandberg	Umeå University
23	Fredrik Weiland	RISE
24	Linn Berglund	Luleå University of Technology
25	Sonali Ranade	Swedish University of Agricultural Sciences
26	Sarah Conrad	Luleå University of Technology
27	Nhi Y Le	Umeå University
28	Leif Jönsson	Umeå University
29	Elisabeth Wetterlund	Luleå University of Technology
30	Christoffer Boman	Umeå University
31	Dawn May Patilan	Luleå University of Technology
32	Petter Paulsen Thoresen	Luleå University of Technology
33	Jiaqi Huang	Luleå University of Technology
34	Guo Huang	Luleå University of Technology
35	Saman Salehian	Luleå University of Technology

36	Rabia Ayub	RISE Processum
37	Alok Kumar Patel	Luleå University of Technology
38	Nils Skoglund	Umeå University
39	Mirva Niinipuu	RISE
40	Erik Pott	Skellefteå Kraft
41	Karin Sandberg	RISE
42	Elin Alexandersson	Umeå University
43	Lukas Weidler	Luleå University of Technology
44	Frank Schleicher	RISE
45	Paul Christakopoulos	Luleå University of Technology
46	Carmen Cristescu	Swedish University of Agricultural Sciences
47	Katerina Hruzova	Luleå University of Technology
48	Kristiina Oksman	Luleå University of Technology
49	Kilian Pouvreau	Swedish University of Agricultural Sciences
50	Anousheh Fazeli	Umeå University
51	Omprakash Sarkar	Luleå University of Technology
52	Mehdi Tarkhani	Luleå University of Technology
53	Rishabh Raj	Luleå University of Technology
54	Anthony Ike Anukam	Luleå University of Technology
55	Kalliopi Elli Pavlopoulou	Luleå University of Technology
56	Eleftheria Sapountzaki	Luleå University of Technology
57	Irina Iakovleva	Umeå University
58	Oleksandr Ilchenko	Swedish University of Agricultural Sciences