



**Lignin Seminar Day 2024: "You can make anything out of lignin – also money"  
Åbo Akademi University, Finland, 6<sup>th</sup> of February 2024**

**Venue:** Argentum, Aurum, Henrikinkatu 2, Turku, Finland (and online)

9:30 Registration & coffee & welcome

10:00-12:00, Chair: Patrik Eklund

- Introduction to LigninReSurf, Chunlin Xu and Patrik Eklund, Åbo Akademi University (ÅAU)
- Fractionation of lignin, Luyao Wang and Minette Kvikant, ÅAU
- Lignin-based latex and coatings, Luyao Wang, ÅAU
- Lignin copolymers, Rupali Rajendra Bhadane and Patrik Eklund, ÅAU
- Lignin composites and 3D printing, Ellen Sundström and Oskar Backman, ÅAU
- Industrial perspective and Ecosystem - ExpandFibre, Katariina Kempainen, Metsä Group and Gomez Millan Gerardo, Fortum, (online)

12:00 – 13:15 Lunch (on own cost) and LigninResurf additional SG meeting

13:15-17:00, Chair: Chunlin Xu

- Circularity aspects of lignin research, Timo Leskinen, University of Helsinki
- AI-driven Experimental Materials Engineering, Milica Todorovic, University of Turku
- Introduction to CoaST at DTU and highlights of lignin research, Narayanan Rajagopalan, Technical University of Denmark, (online)
- Coffee break (30 min)
- Lignin analysis and chemistry at Austrian Biorefinery Infrastructure Center, Thomas Rosenau, BOKU Vienna
- Kraft lignin extraction and the recovery boiler – Implications for boiler operation today and future visions, Markus Engblom, ÅAU
- Lignin depolymerization (Depoly2ols), Henrik Grénman/Patrik Eklund, ÅAU
- Industrial perspective and Ecosystems: Shape, Markus Kass, Mirka
- Lab tour

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Webpage of LigninReSurf