Nanocellulose- A Treesearch Research PhD course

Michael Reid and Lars Wågberg

Time; Week 42, Planned for 4 days

Michael and Lars will also contribute as lecturers in the different sections below

Day 1; History of the development of NanoCelluloses (NCs). Fibrils in the fibre wall, Crystals-Fribrils-Aggregates and overall link to hemicellulose and lignin. (Tomas Larsson, Geoff Daniels, Derek Gray…)

Day 2; Different types of NCs, their preparation and characterization (Derek Gray, Emily Cranston, Per Larsson, Qi Zhou..

Day 3; Colloidal properties, Self-assembly possibilities (Tobias Benselfelt, Andreas Fall,Jakob Wohlert…)

Day 4; Materials from NCs (Lars Berglund, Jesper Edberg, Max Hamedi, Kristiina Oksman…)