Wood – our sustainable treasure in the past, present and future

Understanding wood structure is essential for its efficient usage – an educated methodology instead of trial and error approach.

The main building blocks of wood are polymeric molecules called cellulose, hemicellulose and lignin. They form a rigid wall around each wood cell.

The molecular architecture of wood (how the polymeric molecules are arranged) is unknown!

We are pioneers in resolving wood molecular architecture using novel technologies and approaches.

Trees – to use them efficiently we need to understand their structure

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