

**Name First Name: Dr LAWTHER Mark**

Function: Senior Project Leader, Wood and Biomaterials Technology Centre, Division for Building and Construction.

Affiliation: Danish Technological Institute

Address: Gregersensvej 3

Postal Code, City: 2630 Taastrup

Country: DENMARK

Email: [jml@teknologisk.dk](mailto:jml@teknologisk.dk)

Website: <http://www.dti.dk>

**Involvement in the COST Action: Member of MC, Member of WG1**

Research interest

Bio-refining of lignocellulose biomass, modification of wood and plant fibres and extract polymers, development of adhesives derived from plant proteins, added value polysaccharides and oligomers enzymatically derived from cereal brans and lignocellulose by-products.

Specialized technique available in my lab

Lab equipment for

- Testing and development of wood and wood-based composite panels
- the preparation and impregnation of novel and conventional preservatives
- natural weathering, Accelerated natural weathering, artificial weathering (QUV Accelerated Weathering testing)
- development and testing of bio-based and semi-synthetic wood coating systems
- Wet fractionation of non-wood biomass at "large lab" scale
- Glue development and testing