

Program
Innovative use of wood and fibres
Results from the Innovood project

Wednesday March 21, 2007
STFI-salen, STFI-Packforsk, Stockholm

08.30 Registration, coffee

Session 1: Properties of wood and fibres

Chairman: Dag Molteberg, Södra Cell

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|-------|---|---|
| 09.00 | General introduction to the Innovood project
<i>Objectives, partners, layout and results</i> | <i>Sven-Olof Lundqvist, STFI-Packforsk</i> |
| 09.30 | Integrated database for Nordic softwood
<i>Samples, measurements, properties of logs, knots, wood and fibres, variations, database</i> | <i>Örjan Hedenberg, STFI-Packforsk</i>
<i>Arto Usenius, VTT</i>
<i>Thomas Grahn, STFI-Packforsk</i> |
| 10.20 | Chemical composition of wood
<i>Variations, models</i> | <i>Dag Molteberg, Södra Cell</i> |
| 10.40 | Predicting wood and fibre properties
<i>Methods, models, applicability</i> | <i>Harri Mäkinen, Metla</i>
<i>Lars Olsson, STFI-Packforsk</i> |
| 11.30 | Predicting 3D stem structure and wood properties
<i>Growth, stem structure, integration of property models, visualization</i> | <i>Annikki Mäkelä, Helsinki University</i>
<i>Sanna Härkönen, Univ. of Joensuu</i> |
| 12.15 | Demonstration of web-based version | <i>Åke Hansson, STFI-Packforsk</i> |

Lunch 12.30 – 13.30

Session 2: Optimal processing of wood and fibres

Chairman: Juha Vaajoensuu, TEKES

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| 13.30 | Conversion of wood products
<i>Models for optimisation of solid wood chains</i>
<i>How to increase value of sawmill products</i> | <i>Arto Usenius, VTT</i>
<i>Tiecheng Song, VTT</i> |
| 14.30 | Fibres, pulp and paper
<i>Variations in pulp properties</i>
<i>Results from a case study at Södra Cell</i> | <i>Dag Molteberg, Södra Cell</i>
<i>Sven-Olof Lundqvist, STFI-Packforsk</i>
<i>Örjan Hedenberg, STFI-Packforsk</i> |
| 15.30 | Coffee | |
| 16.00 | What happens now?
<i>More research based on the project results and continued cooperation within WoodWisdom Net and other programs</i> | <i>Sven-Olof Lundqvist, STFI-Packforsk</i> |
| 16.10 | Summary by the project chairman and discussion | |
| 16.30 | End of meeting | |