



Department for Wood
Science and Technology
Biotechnical Faculty
University of Ljubljana

COST E53 Meeting
»Quality control for Wood and Wood Products«

EDG Drying Seminar
»Improvement of Wood Drying Quality by Conventional and Advanced Drying Techniques «

21st – 23rd of April 2009
Bled, Slovenia

AGENDA

Tuesday, 21.04.2009	
12.00 – 14.00	Registration
14.00 – 14.15	Welcome and opening
14.15 – 15.15	Niko Torelli: Wood potential from Slovenian forest – its quality and end use
	Mattias Brännström: Machine strength grading by log grading
	Johannes Welling: Moisture - Inherent Wood Properties - Deformation (A Bermuda Triangle)
15.15 – 15.45	<i>Coffee break</i> - available Poster session
15.45 – 16.15	Andres Nyrod: Presentation and first results on questionnaire
16.15 – 16.30	Questions on questionnaire and responsibility per country
16.30 – 17.30	Separate WG meetings on questionnaire
18.00 – 23.00	Visiting Ljubljana and dinner (organized bus transfer)

Wednesday, 22.04.2009	
9.00 – 10.00	Separate WG Meetings
10.00 – 10.45	<p><i>Coffee break</i></p> <p>Poster session</p> <p><u>Charwat Johann; Petutschnigg Alexander; Entacher Karl</u>: Traceability of logs with digital image processing</p> <p><u>Entacher Karl; Petutschnigg Alexander</u>: 3D-Modeling of Wood from CT-Data</p> <p><u>Merela Maks; Serša Igor; Mikac Urša; Oven Primož</u>: Novel NMR method for moisture content determination of wood</p> <p><u>Moore John; Searles Greg</u>: Measurement of wood stiffness in Standing trees and logs: Implication for End Product</p> <p><u>Ridley-Ellis Daniel; Moore John; Khokhar Aamir</u>: Random acts of elasticity: MoE, G and EN408</p> <p><u>Rozema Pieter; Ravenshorst Geert</u>: Timber grade MTG settings according to EN 14081-4</p> <p><u>Wierzbowski Maciej</u>: Gas-Steam Mixture Wood Drying</p>
10.45 – 12.30	Separate WG Meetings
12.30 – 13.30	<i>Lunch</i>
13.30 – 14.15	Plenary WG meeting - Questionnaire
14.15 – 14.45	<i>Coffee break</i>
14.30 – 15.15	SC + Task group meeting
15.15 – 16.00	MC meeting
16.30 – 17.30	WG2 - EDG General Assembly

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Thursday, 23.04.2009	
9.00 – 9.10	Welcome and opening
9.10 – 9.30	Johannes Welling : Questions to an expert - Problems related to drying of hardwood
9.30 – 10.15	Discolouration of wood – chairman Wolfgang Gard
9.30 – 9.45	Allegretti Ottaviano ; Travan Livio ; Cividini Rodolfo : Drying techniques to obtain white beech
9.45 – 10.00	Pervan Stjepan ; Gorišek Željko ; Straže Aleš ; Prekrat Silvana ; Humar Miha : Colour changes of Walnutwood (<i>Juglans regia</i> L.) during steaming process
10.00 – 10.15	Lambertz Gerda ; Welling Johannes : Increase in the Content of extractives in Scots pine (<i>Pinus sylvestris</i> L.) during ISPM-15 heat-treatment and correlation with fungal discoloration
10.15 – 10.45	<i>Coffee break</i>
10.45 – 12.15	Quality and energy efficiency – chairman Johannes Welling
10.45 – 11.00	Karpinsky Daniel : Evaluation and comparison of quality of beech wood (<i>Fagus silvatica</i> L.) after vacuum drying and HF-drying
11.15 – 11.30	Sandland Knut Magnar ; Steiner Ylva ; Henning Horn : Is it necessary to perform a controlled cooling phase at the end of a conventional kiln drying process?
11.30 – 11.45	Németh Róbert ; Fehér Sándor ; Horváth Norbert ; Molnár Sándor : The occurrence of cracks in boards from different suppliers prior and after drying by a windows manufacturer - a case study
11.45 – 12.00	Steiner Ylva ; Nyrud Anders Q. : Acceptance for deformation of dried sawnwood: A survey among practitioners in Norwegian sawmilling
12.00 – 12.15	Skarvelis Michalis ; Kakaras Ioannis : Quality related problems on wood and wood products imported from Balkan countries: the Greek users point of view
12.15 – 12.30	Bedelean Bogdan ; Sova Daniela : Decrease energy consumption during timber drying
12.30 – 13.30	<i>Lunch</i>

13.30 –14.15	Drying kinetics – chairman <u>Knut Magnar Sandland</u>
13.30 – 13.45	<u>Salin</u> Jarl-Gunnar; <u>Gjerdrum</u> Peder: Modelling air-drying of wooden poles
13.45 – 14.00	<u>Hrčka</u> Richard: Influence of specimen thickness on transport characteristics of water diffusion in black locust wood.
14.00 – 14.15	<u>Straže</u> Aleš; <u>Gorišek</u> Željko: Research on internal and external mass transfer at convective drying of European beechwood (<i>Fagus sylvatica</i> L.)
14.15 –15.15	Reliability of MC measurements – chairman <u>Josef De Corte</u>
14.15 – 14.30	<u>Gard</u> F. Wolfgang; <u>Riepen</u> Michel: Moisture content control above FSP by shrinkage of the wood – first experimental results
14.30 – 14.45	<u>Hansmann</u> Christian: Comparing psychrometer and humidity sensor during conventional kiln drying especially at low temperature and low relative humidity
14.45 – 15.00	<u>Ravenshorts</u> Geert; <u>Rozema</u> Pieter: In-Line moisture measurement of wood with FMI-IV
15.00 – 15.15	<u>Merela</u> Maks; <u>Serša</u> Igor; <u>Mikac</u> Urša; <u>Oven</u> Primož: Determining the moisture content of wood by free-induction-decay (FID NMR) signal
15.15	Final conclusions

MEETING AND SEMINAR LANGUAGE

The official language is English.

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