

PROGRAMME

TUESDAY 28th SEPTEMBER

9:00-10:00	Registration and Coffee	
10:00	Opening Presentation	Tim Rollinson, Forestry Commission
10:30-14:45	Wood properties	<i>Chair:</i> Arto Usenius
10:30	Impact of stand density management on wood and product properties, and value recovery chain in major commercial species of eastern Canada	Tony Zhang
11:15	Optical to ultrastructural classification of compression wood	Alan Crossley
11:45	Ultrastructural and micro-mechanical characterisation of compression wood	Marco Fioravanti
12:15	Dissecting the concept of microfibril angle: a spectroscopic approach	Mike Jarvis
12:45-13:45	Lunch	
13:45	Links between functional wood properties within growth rings of <i>Populus nigra</i>	Lieven De Boever
14:15	Modelling wood tissue development: a case study using the Mefyque model for a temperate pine forest	Gaby Deckmyn
14:45-15:15	Tea/Coffee	
15:15-18:00	Quality in Standing Timber	<i>Chair:</i> James Pendlebury
15:15	Wood quality in standing timber: evolution of assessment methods in plantations	Dave Cown
16:00	Predicting grade distributions for standing trees	Sonja Vospernik
16:30	Predicting lumber grade recovery of standing trees	Lennart Moberg
17:00	Evaluating the quality of standing timber: experiences of an approach for German forests	Udo Hans Sauter
17:30	Instability in plantations of container-grown Scots pine and consequences on stem form and compression wood formation	Mas Warensjö
18:00-19:30	Break	
19:30-21:30	Poster Session (with light refreshment)	

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WEDNESDAY 29th SEPTEMBER

09:00-12:15	Laboratory and industrial processes	<i>Chair:</i> Marco Fioravanti
09:00	Factors involved in the future forestry-wood industry chain	Joris Van Acker
09:45	Predicting physical characteristics of wood by multivariate image projections to latent structures in microwave and CT images of softwood	O. Hagman
10:15	Effects of early thinning on Scots pine properties: x-ray microdensitometry approach	Heli Peltola
10:45-11:15	Coffee	
11:15	Quantification of compression wood using image analysis tools: modelisation of features decisive for sawn timber quality	Franka Brüchert
11:45	Multipurpose exploitation of wood and bark wastes from pulp industry to produce bioactive compounds	Frédérique Bertaud
12:15 -15:30	Timber drying and distortion	<i>Chair:</i> Peter Wilson
12:15	Is there a future for sawn timber?	Robert Kliger
13:00-14:00	Lunch	
14:00	Distortion in in-service conditions	Marie Johansson
14:30	Minimising distortion of sawn timber: best practice guidance	Viekko Tarvainen
15:00	Drying quality of birch wood in high-frequency vacuum drying	Jari Kivistö and Marketta Sipi
15:30-16:00	Coffee	
16:00-18:00	Climate change impacts and The Forestry woodchain	<i>Chair:</i> Reinhart Cuelemans
16:00	Long-term market developments in Europe: implications for the forestry woodchain	Adrian Whiteman
16:45-17:00	Split for Parallel Session	
	Climate change (parallel)	<i>Chair:</i> Reinhart Cuelemans
17:00	Forestry in Europe under changing climate and land use	Jeannette Meyer
17:30	Ecological and timber quality criteria in regional forest scenario analyses	Tuula Nuutinen
	The Forestry Woodchain (parallel)	<i>Chair:</i> Risto Päivinen
17:00	Integrating timber quality from stand level to regional forestry woodchain	Thies Eggers
17:30	Information, economic return and wood quality in Scots pine management	Sami Pastila
18:00	Close for Day	
19:30	Conference Dinner	

PROGRAMME

THURSDAY 30th SEPTEMBER

09:00- 10:45	Grading and forecasting	<i>Chair:</i> Jean-Michel Leban
09:00	Predicting wood quality as result of silviculture	Ute Seeling
09:45	Characterising standing western hemlock in terms of end-product values	Gerry Middleton / Dave Munro
10:15	Integration of process-based and empirical modelling of growth and wood properties in Scots pine	Heli Peltola
10:45-11:15	Coffee	
11:15-12:15	Grading and forecasting (continued)	<i>Chair:</i> Barry Gardiner
11:15	Predicting quality losses caused by <i>Heterobasidion</i> in Norway spruce	Ulla Mattila/Tuula Nuutinen
11:45	Using 3D measurements of standing trees and log shape to predict their compression wood content	Jean-Michel Leban
12:15	Closing presentation	
12:15	Community research programmes in the forestry woodchain area	Laurent Bochereau
13:00	Lunch and adjourn	