

Future Forest and High-Tech Trees

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Application of emerging technologies to the future production and use of wood

Conference Idea

Gene-, bio- and nanotechnologies are developing at an ever increasing rate. If and when we exploit these possibilities what will the forest then be like in 50 years? This one day conference will outline the visions and expectations of applying the technologies of tomorrow on trees. How will it affect the future production and use of wood, cellulose and other tree based products?

The speakers at this conference will feature some of the most prominent researchers and experts within the field. They will look ahead of already existing technologies of fiber-composites, liquid bio-fuels, etc, without the constraints of what will be technologically possible or economically feasible, and focus on the next steps of technological development. The conference will be a technological »trip to the moon« and back. Following the presentations there will be a panel debate on technical and ethical issues in relation to the future production and use of wood.

The conference is organised in cooperation between The Royal Veterinary and Agricultural University of Copenhagen (KVL), The Danish Centre for Forest, Landscape and Planning – KVL, Teachers Pension and Life and The International Woodland Company A/S.

The conference is co-sponsored by IUFRO (International Union of Forest Research Organizations) and SNS (The Nordic Forest Research Co-operation Committee).

Date and Place

Conference date: Thursday, October 28, 2004

Place: The Royal Veterinary and Agricultural University
in Copenhagen, Denmark.

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Draft Programme

Time	Subject	Speaker
9-9:30	Arrival and registration	-
9:30-9:35	Welcome	Dr. Per Holten-Andersen, Rector of The Royal Veterinary and Agricultural University, Copenhagen
9:35-10:05	Introduction: Where are we now, what are the near term developments, and their consequences for industry?	Mr. Bo B. Borgström, CEO Moelven, and President of CEI-Bois.
10:05-10:40	Gene-technology and tailored wood	Prof., Dr. Ronald R. Sederoff, North Carolina State University
10:40-11:10	Coffee break and posters	-
11:10-11:45	Molecular tools for engineering future, forests and forest products; composite materials, nano-fibers, and living bio-fuel cells	Prof., Dr. Oded Shoseyov, CBD Technologies/Hebrew University of Jerusalem
11:45-13	Lunch and posters	-
13-13:35	Microtechnological production of cellulose	Prof., Dr. R. Malcolm Brown, University of Texas M&T
13:35-14:10	Why trees? What is the ideal production platform for future biotechnologies?	Dr. Claus Felby, The Royal Veterinary and Agricultural University, Copenhagen
14:10-14:40	Coffee break and posters	-
14:40-15:40	Panel debate	Speakers plus invited panelists (Paul Brüniche-Olsen, Sharmane MacRae, Erik D. Kjær, Lene Lange, Peter Sandøe)
15:40-16	Conclusions and closing	Mr. Bo B. Borgström, CEO Moelven, and President of CEI-Bois.

Each session will consists of a 30 minutes presentation, followed by 5 minutes questions.

Conference Proceedings and Posters

Conference proceedings will be handed out to the participants at the conference. Furthermore, posters will be presented at the conference.

Attendance Fee and Registration

Conference attendance fee will be EUR 185, including lunch, refreshments and proceedings.

Further information is available on the internet at www.futureforest.dk.

The International Woodland Company A/S
A Framework for Forest Investments



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