



Draft Agenda
Integrating New Technology with Forest Operations

Logistics

Dates: Thursday, October 28th to Friday, October 29th, 2004

Times: 8:00 a.m. to 10:00 p.m. (Thursday), 8:30 a.m. to 3:00 p.m. (Friday)

Location and Venue: Timmins - Cedar Meadows Resort

Facilitators: Ken Durst, John Pineau, Richard Worsfold

Registration:

To register for this event, visit www.forestresearch.ca (on-line registration tab) or contact Hospitality Services at the Canadian Ecology Centre (705-744-1715 x 540 or dial 0). Please specify which days you plan to attend. The Workshop is funded by CRESTech, a division of OCE Inc and is free to all participants, including meals.

Accommodations:

Registrants are responsible for their own accommodations in Timmins. A block of 25 rooms has been set aside at Cedar Meadows (until October 6th) for the evenings of Wednesday, October 27th and Thursday, October 28th. Room rates vary depending on room type. Call 705-268-5800 for details and room reservations.

Meals:

Meals include lunch and dinner on Thursday, and lunch on Friday. Please identify any special dietary requirements. Coffee, juice, pop and snacks will also be provided.

Continuing Education:

This workshop will be assessed for **OFPA and CIF** Continuing Education Credits.

For additional information:

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Target Audience:

Field supervisors, superintendents, technical and professional staff, managers, and selected contractors. Tembec managers from other provinces are invited to provide staff to participate.

Desired Outcome:

A rigorous exploration of new and relevant technologies/tools that can be used to improve forest management and forestry operations, and the identification and setting of priority technologies/tools that Tembec Ontario will focus on for the next fiscal year that carry the most opportunity for value added and/or cost benefit for Tembec operations.

An identification of the next steps that will allow us to move forward beyond information and into application.

Objectives:

- ? Present and demonstrate specific leading edge technology being used in forest inventory, forestry data collection, operations, and planning
- ? Allow an opportunity for all participants for direct and hands-on trial and basic training in various new technologies
- ? Discuss/debate the application(s) of specific new technologies, and their ultimate practicality and economics
- ? Lay the ground-work to establish a permanent collaborative (project-based) working relationship between CRESTech, the Forestry Research Partnership, Tembec and other potential partners

Draft Agenda**Thursday, October 28th, 2004**

8:00 a.m. – Registration and Coffee

8:30 a.m. – Welcome, Introductions, Housekeeping - Ken Durst, John Pineau, Richard Worsfold

8:45 a.m. – CRESTech Presentation – Programs, Projects and Opportunities - Richard Worsfold

9:15 a.m. - Tembec Innovations and Initiatives – FIMS, Inventory Project - Ken Durst, Kevin DelGuidice, (confirmed)

10:00 a.m. – Tembec Ontario – AgNAV System – Jeff Leach (confirmed)

10:20 a.m. – Coffee Break

10:40 a.m. – Modeling Ontario's Stand Succession and Yield (MOSSY) – John Pineau (confirmed)

11:00 a.m. – Tembec High-Tech Initiatives/Innovations from across the Country – Skidding Efficiency - Duke Armleder (BC) (confirmed), Light Trucks/Central Tire Inflation - Denis Lacasse (ON) (confirmed)

11:45 a.m. – Fluxnet-Canada: A National Network to Assess Carbon Sequestration in Canada's Managed Forests - Dr. Harry McCaughey, Queen's University

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12:15 p.m. – Lunch (provided)

1:15 p.m. – GPS/GIS Data Collection Tools – ArcPad - Danny Benson, Chris Kmiec (confirmed)

1:45 p.m. – Lidar and Road Surveying – Andre Roberge (confirmed)

2:15 p.m. – Touch screen, FTG hardware/software - Al Tremblay (confirmed)

2:45 p.m. – Inventory Tools - Peter Kourtz (confirmed)

3:15 p.m. – Forest Vegetation Simulator/Stand Density Management Diagrams – John Parton (to be confirmed)

3:45 p.m. – Coffee, Refreshments, Discussion and Networking

4:15 p.m. – Field Navigation (feller buncher, thinning, etc.) - Brad Mitchell (confirmed)/FERIC (to be confirmed) Truck Data Collector – Scott Aubichon (confirmed)

4:45 p.m. – CreeTech – new technology – Kevin Lindquist (confirmed)

5:15 p.m. – Logger Training – Simulator and Software - Paul Freedman – Simlog (to be confirmed)

5:45 pm. – Cash Bar, Ice Breaker, Networking

6:30 p.m. – Dinner

7:30 p.m. – Evening Vendor Session; Hands-on learning opportunities

? Cuesta Systems Inc. (confirmed)

? Digital Image Analysis/Viewing Software (ERDAS, ArcScene, 3D Analyst, MicroDEM) (to be determined)

? MITIG (to be confirmed)

? ORMG (to be confirmed)

? PCI – Adam Jones (confirmed)

? Spatial Planning Systems (confirmed)

? CEC-FRP (confirmed)

? MNR – High Tech Group (Mark Clarkson) (to be confirmed)

? ERDAS (to be confirmed)

10:00 p.m. - Adjourn

Friday, October 29th, 2004

7:30 a.m. – Breakfast (on your own)

8:30 a.m. – Integrated Data Management System Concept for Resource Management - Richard Worsfold, CRESTech (confirmed)

8: 50 a.m. - Is Chlorophyll a Good Indicator of Forest Condition? - Tom Nolan, MNR-OFRI (confirmed)

9:10 a.m. - In Situ Sensor Systems for Inventory Management - Andy Gordon/Paul Sibley, U of Guelph (confirmed)

9:30 a.m. - Lidar Systems for UAV Operations - Paul Mrstik, Mosaic Mapping Systems(confirmed) ...4

9:50 a.m. - Forest Inventory Mapping - Paul Treitz, Queen's University (confirmed)

10: 10 a.m. - Orbital Analysis of Smallsats for Earth Resources Operations - Erin Farbar, Carleton University (confirmed)

10:30 a.m. – Coffee and Refreshments

10:50 a.m. – Panel/Group Discussion for Opportunities and Priority Setting - What could be implemented on a larger scale immediately? What do we need to investigate/try? Where are their opportunities for partnerships/projects? (Suggested panel members: Rick Groves, Richard Worsfold, Dave Goss, Blair Sullivan, Marc Bouthillier) Facilitator: George Bruemmer

12:30 p.m. – Lunch (provided)

1:30 p.m. – Wrap-up and Evaluations

2:00 p.m. – Strategic Think Tank/Action Plan Session – CRESTech/Tembec/FRP

3:30 p.m. - Departure

Workshop End Product:

A multi-media CD-ROM complete with presentations, video clips, digital photos, notes and helpful supplementary material will be produced within 10 working days of the Workshop.

A 'next steps' action plan for moving forward, beyond information, into practical application.