

Conference Program			
Sunday, 29 July 2007			
2:00-6:00 pm	On-site Registration in the Front Lobby, Holiday Inn		
4:00-6:00 pm	Poster/Display Setup		
7:00-9:00 pm	Ice Breaker Reception in the Brule Salon		
Monday, 30 July 2007: Plenary Sessions in the combined Algoma West and Central Ballrooms (Concurrent Poster Sessions¹ with Refreshment Breaks)			
8:00-8:05	Welcome by Dr. Newton		
8:05-8:15	His Worship, Mayor John Rowswell		
8:15-8:25	Conference Context and Introduction of Organization Committee and by Dr. Newton and Introduction of Session Moderators by Dr. LeMay		INTRO
8:25-9:05	Session 1: Overview of Complex Stand Structures/Keynote Address “Complex stand structures: measures and models, paradigms and prospects” by Dr. Jerry Vanclay/Moderator: Dr. Ter-Mikaelian		S-1-KN
9:05-9:30	Comeau, P.	Silvicultural systems for mixedwood stands in boreal forests of western Canada	S-1-1
9:30-9:55	Wang, Y., Keenan, R., Hamilton, F. and Murphy, S.	Characteristics and modeling challenges of irregular forests in southeastern Australia	S-1-2
9:55-10:20	Refreshment Break Sponsored by the Canadian Wood Fibre Centre, CFS, NRCan		
10:20-10:45	Morris, D., Reid, D., Hunt, S. and Gordon, A.	Structural dynamics of boreal conifer stands: mixed natural versus plantations	S-1-3
10:45-11:10	Hawkins, C., Balliet, N., and Man, C.	Complex stand development and management in BC’s boreal forest	S-1-4
11:10-11:35	Kuttner, B., and Malcolm, J.R.	Effects of age, productivity, and disturbance history on forest structure in a managed boreal forest landscape	S-1-5
11:35-12:00	Latrémouille, C. Valeria, O. and Harvey, B.	Impacts of an ecosystem management in the boreal forest: Example of the Lake Duparquet Research and Teaching Forest	S-1-6
12:00-1:15	Lunch in the Algoma East Ballroom		
1:15-1:55	Session 2: Dynamics of Complex Stand Structures (Hosted by Unit 1.05.00)/Keynote Address “Integrating dynamics into management of complex forests: seeking balance in an unbalanced world” by Dr. Kevin O’Hara/ Moderator: Dr. Sharma		S-2-KN
1:55-2:20	Barbeito, I., Pardos, M., Calama, R., Madrigal, G. and Cañellas, I.	Effect of stand structure on Stone pine (<i>Pinus pinea</i> L.) regeneration dynamics	S-2-1
2:20-2:45	Brassard, B.W. and Chen, Han Y.H.	Dynamics of live tree structural diversity of the boreal forest in central Canada	S-2-2
2:45-3:10	Refreshment Break Sponsored by Natural Resources Canada/Poster Session with Presenters		
3:10-3:35	Nzogang, A., Bauhus, J. and Worbes, M.	Dynamics of commercial tree species after logging in tropical rainforest	S-2-3
3:35-4:00	Marshall, P.L., Lee, T. and Day, K.	Height and DBH growth following thinning in uneven-aged Douglas-fir stands	S-2-4
4:00-4:25	Huang, S., Meng, S.X. and Yang, Y.	Modeling the species composition dynamics of aspen in boreal mixedwoods	S-2-5
4:25-4:50	Farnden, C.	An analysis framework for developing SFM-based regeneration standards	S-2-6
4:50-5:00	Conference Update (Guy Smith)		

**Tuesday, 31 July 2007: Plenary Sessions in the combined Algoma West&Central Ballrooms
(Concurrent Poster Sessions¹ with Refreshment Breaks)**

8:00-8:40	Session 3: Measuring Complexity I/Keynote Address “Concepts of measuring and reconstructing spatial woodland structure” by Dr. Arne Pommerening/ Moderator: Dr. LeMay		S-3-KN
8:40-9:05	Radtke, P.J. and Henning, J.G.	Measuring canopy structural components from leaf-off and leaf-on laser imaging	S-3-1
9:05-9:30	Kayahara, G.J., Man, R., and Rice, J.A.	Stand structure attributes of a partial-harvested boreal mixedwood stand	S-3-2
9:30-9:55	Nagel, L.M., Janowiak, M.K., and Webster, C.R.	Spatial scale affects diameter distribution scale in uneven-aged northern hardwoods	S-3-3
9:55-10:20	Refreshment Break Sponsored by the Canadian Wood Fibre Centre, CFS, NRCan		
10:20-10:45	Montes, F. Mezquida, E.T., and Rubio, A.	Modelling the spatial dynamics of regeneration in mixed forest stands	S-3-4
10:45-11:10	Fortin, M. and Bédard, S.	Assessing the population-averaged diameter distribution and its variability.	S-3-5
11:10-11:35	Bieng, M,A.N., Ginisty, C. and Goreaud, F.	Modelling the spatial structure of complex stands by point processes	S-3-6
11:35-12:00	Packard, K.C.	Stochastic Gibbs point processes as models for forest tree spatial pattern	S-3-7
12:00-1:15	Lunch in the Algoma East Ballroom		
1:15-1:55	Session 4: Measuring Complexity II (Hosted by Unit 4.01.03)/Keynote Address “Thoughts on the development of new, appropriate, measures of complexity” by Dr. Bruce Larson/ Moderator: Dr. Marshall		S-4-KN
1:55-2:20	Sterba, H.	Diversity indices in forest inventories based on angle count sampling	S-4-1
2:20-2:45	Zingg, A., Sterba, H. and Schedl, P.	Sensitivity of diversity indices to management effects in forest stands	S-4-2
2:45-3:10	LeMay, V., and Staudhammer, C.	A stand structural diversity index for horizontal, vertical, and spatial diversity	S-4-3
3:10-3:35	Refreshment Break Sponsored by the Canadian Wood Fibre Centre, CFS, NRCan		
3:35-4:00	Moss, I.S.	A quantitative technique for stand structure classification	S-4-4
4:00-4:25	Yang, Y., Huang, S., and Dempster, D.	A percent stocking index for boreal mixed-species stands in Alberta	S-4-5
4:25-4:40	Conference Update and Field Tour Instructions (Guy Smith)		

Wednesday, 1 August 2007: In-conference Field Trip²

8:00 am	Board buses at the Holiday Inn's Front Entrance ³
8:20	Bus 1 (Group A) arrives at the Great Lakes Forestry Centre (GLFC) Bus 2 (Group B) arrives at the Ontario Forest Research Institute (OFRI)
8:20 – 9:20	Group A tours the GLFC Group B tours the OFRI
9:20 – 9:30	Group A walks (200 m) to the OFRI Group B walks (200 m) to the GLFC
9:30-10:50	Group A tours OFRI with on-site Refreshment Break included Group B tours GLFC with on-site Refreshment Break included
10:50-11:00	Group A boards Bus 1 Group B boards Bus 2
11:00-12:00	Buses enroute to Pancake Bay Provincial Park
12:00-12:45	Picnic/Box Lunch (provided)
12:45-1:45	Buses enroute and Field Stop 1
1:45-4:45	Buses enroute and Field Stop 2 with Refreshment Break at Chippewa Falls Picnic Area
4:45-5:00	Buses enroute to Buttermilk Alpine Village
5:00-7:00	Dinner (provided)
7:00-8:00	Invited Presentation by Dr. Art Groot: "Transforming Newton's forest"
8:00-9:00 pm	Board buses and return to the Holiday Inn's Front Entrance

² Please note, all participants are advised to wear appropriate attire (e.g., jacket and rain wear) and footwear (e.g., hiking shoes or workboots) and be prepared for some trail walking (500 m) through variable terrain (e.g., maximum of 20-30 degree upward and downward slopes) and forest conditions (e.g., shrubs, saplings, around and over small diameter logs (<20 cm)), possibly in hot (25-30 C) or wet weather.

³ Respective Tour Guides and Bus Captains: Nathan Mudge and Guy Smith (Bus 1); and Jim Miller and Jason Langis (Bus 2).

Thursday, 2 August 2007: Plenary Sessions in the combined Algoma West&Central Ballrooms			
8:00-8:40	Session 5: Modelling Complexity/Keynote Address “An overview of options for modelling complex stand structures” by Dr. Harold Burkhart/ Moderator: Andreas Zingg		S-5-KN
8:40-9:05	Antón-Fernández, C. and Froese, R.E.	Effects and correction of sampling error in individual tree mortality models	S-5-1
9:05-9:30	Woods, M.E., Penner, M., Deugo, D. and Smith, M.	Complexity in modeling residual tolerant hardwood stem and stand growth response to silvicultural treatment	S-5-2
9:30-9:55	Groot, A. and Saucier, J-P.	IVY: an individual-tree growth model for complex-structured stands	S-5-3
9:55-10:20	Refreshment Break Sponsored by the Great Lakes Forestry Centre, CFS, NRCan		
10:20-10:45	Harvey, B., Papaik, M.J., Coates, K.D., Brais, S., and Bergeron, Y.	Coupling a boreal mixedwood silvicultural experiment with long-term stand modelling using SORTIE-ND	S-5-4
10:45-11:10	Zumrawi, A.A., LeMay, V. and Marshall, P.L.	Prognosis ^{BC} : an adaptation of a single tree model to southeastern British Columbia	S-5-5
11:10-11:35	Sharma, M.	Modeling height-diameter relationships for tree species grown in mixed stands	S-5-6
11:35-12:00	Larocque, G.R., Archambault, L. and Delisle, C.	Validating the gap model ZELIG for an uneven-aged mixedwood forest type in southeastern Canada	S-5-7
12:00-1:15	Lunch in the Algoma East Ballroom		
1:15-1:55	Session 6: Managing Complex Stand Structures: Economic Consequences, Operational Challenges and Decision-support Tools Keynote Address: “Estimation of crown and wood characteristics in British Columbia” by James Goudie/ Moderator: Dr. Groot		S-6-KN
1:55-2:20	Hawkins, C. and Runzer, K.	Projected growth of pine stands near Prince George: post beetle	S-6-1
2:20-2:45	Liu, C., Ruel, J-C., and Zhang, S.Y.	Immediate impacts of partial cutting strategies on stand characteristics and value	S-6-2
2:45-3:10	Simon, J., Drápela, K., Vacek, S. and Minx, T.	Choice of management strategies of forests in protected areas based on growth simulator	S-6-3
3:10-3:35	Refreshment Break Sponsored by the Forest Co-op		
3:35-4:00	Kang, X. and Zhao, J.	Optimum stand structure of over-cutting forest	S-6-4
4:00-4:25	Newton, P.F.	Spatial scale of intraspecific interference within commercially-thinned jack pine stands and consequences for growth response modelling	S-6-5
4:25-4:50	Invited Conference Summary by Dr. Hubert Sterba		SUM
4:50-5:00	Concluding Notes: Drs. LeMay and Newton		
6:00-9:00	Farewell Reception and Banquet		

¹ Poster Session: Concurrent with Refreshment Breaks on Monday, July 30th and Tuesday, July 31st.

Dubravac, T., Dekanić, S. and Roth, V.	Effects of stand structure on regeneration dynamics of mixed uneven-aged forest	S-P-1
Liu, F.	Understory development and stand succession study in Alberta	S-P-2
Metsaranta, J.M. and Lieffers, V.J.	Annual variation in growth and stand dynamics in jack pine forests: insights from tree-ring reconstruction	S-P-3
Brassard, B.W. and Chen, Han Y.H.	Coarse woody debris dynamics in the boreal forest of central Canada: Influence of fire, forest composition, and forest management on structural diversity	S-P-4
Vanderwel, M.C., Caspersen, J.P. and Malcolm, J.R.	Modelling the development of complex habitat structure with SORTIE	S-P-5
Woods, M.E. and Penner, M.	FVS ^{Ontario} : Software to model silvicultural responses in complex stand structures	S-P-6
Calama, R., Barbeito, I., Pardos, M., del Río, M., Montero, G.	Calibrating a model for even-aged stands of stone pine (<i>Pinus pinea</i> L.) to complex multi-aged structures	S-P-7