



Forest Insect Disturbance in a Warming Environment

September 15-19, 2013
Banff, Alberta, Canada



MEETING ANNOUNCEMENT

There is still time to register for the upcoming joint meeting for IUFRO Division 7, Sections 07.03.05 (Ecology and Management of Bark and Wood Boring Beetles) and 07.03.07 (Populations Dynamics of Forest Insects) in beautiful Banff Alberta. As the accompanying preliminary agenda shows, the scientific program features an exciting range of presentations by researchers representing ***more than 20 different countries!***

Conference registration includes the scientific program, full breakfast, lunch and coffee breaks/snacks each day, a banquet and a field trip into the breathtaking Rocky Mountains. In addition, ***a spectacular forest and insect themed art show and display will be presented by internationally renowned Canadian artists Claire Kujundzic, Bill Horne and Annerose Georgeson.***

To register or to submit an abstract (there's still time!) please see the conference web page below. If you have registered and haven't yet booked your hotel room, please do so as soon as possible! Follow the link below to find a direct link for your hotel booking.

We look forward to seeing you in Banff!

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Preliminary Agenda

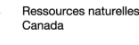
Sunday, September 15		
15:00 – 18:00	Registration <i>KC 200 Galleria</i>	
18:00 – 21:00	Welcome reception <i>KC 301</i>	
Monday, September 16		
07:00 – 09:30	Breakfast <i>Vistas Dining Room</i>	
08:00 – 16:30	Registration <i>KC 200 Galleria</i>	
08:15 – 09:10	Opening Session <i>KC 201</i>	
08:15	A. Carroll, B. Riel	Welcome and opening remarks
08:30	D. Lux, Senior Manager, Forest Health Section, Government of Alberta	Keynote: Pest management at the leading edge – slowing the eastward spread of the mountain pine beetle
09:10 – 10:10	Population Dynamics I <i>KC 201</i>	
09:10	M. Schroeder, L. Marini, Å. Lindelöw, A. Jönsson, S. Wulff	Population dynamics of the spruce bark beetle, <i>Ips typographus</i>
09:30	S. Li, J. Daudin, D. Piou, H. Jactel	Population dynamics of the pine processionary moth: cyclic or not cyclic
09:50	D. Avtzis, F. Lakatos, M. Faccoli, D. Gallego, M. Pernek, C. Stauffer	Phylogeography of <i>Ips sexdentatus</i> in Europe - a first glance into the mitochondrial DNA
10:10 – 10:30	Refreshment Break <i>KC 200 Galleria</i>	
10:30 – 11:50	Population Dynamics II <i>KC 201</i>	
10:30	J. Morris, P. le Roux, R. DeRose, A. Brunelle	Using geochemical and pollen data from lake sediments to reconstruct spruce beetle disturbances
10:50	E. Bockerhoff, S. Sopow, J. Bain, M. Bader	Effects of deadwood resource availability on spatial and temporal dynamics of bark beetles and wood borers
11:10	C. MacQuarrie	Mortality of emerald ash borer in urban populations in Ontario Canada
11:30	M. Durand-Gillmann, J. Chadoeuf, H. Davi, T. Boivin	Ecological drivers of an endemic state in a population of a non-aggregative bark beetle
11:50 – 13:30	Lunch <i>Vistas Dining Room</i>	
13:30 – 14:50	Pest Management and Decision Support I <i>KC 201</i>	
13:30	R. Jakus, M. Blazenec, M. Havasova, I. Barka	Overview of spruce bark beetle decision support system (TANABBO II) development
13:50	I. Etxebeste, J. Pajares, H. Jactel	A meta-analysis of the performance of verbenone in bark-beetle management
14:10	S. Kärvelo, T. Van Boeckel, M. Gilbert, J-C. Gregoire, M. Schroeder	Large-scale risk mapping of an eruptive bark beetle - importance of forest susceptibility and beetle pressure
14:30	S. Netherer, E. Blackwell, P. Hietz, P. Henschke, S. Kikuta, S. Rosner, B. Matthews, H. Schume, K. Katzensteiner, A. Schopf	ROSALIA ROOF PROJECT: A drought stress experiment as basis for risk modelling (<i>Ips typographus</i>)
14:50 – 15:10	Refreshment Break <i>KC 200 Galleria</i>	

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15:10 – 16:30 Pest Management and Decision Support II <i>KC 201</i>		
15:10	S. Fahrner, J. Lelito, B. Aukema	Temperature-mediated dispersal of host and parasitoid: improving release strategies for <i>Tetrastichus planipennis</i> in the biological control of emerald ash borer <i>Agrilus planipennis</i>
15:30	J. Sweeney, P. Silk, C. Hughes, R. Lavallée, M. Blais, C. Guertin	Sexually transmitted diseases in exotic places: Auto-dissemination of <i>Beauveria bassiana</i> for suppression of brown spruce longhorn beetle, <i>Tetropium fuscum</i> (F.), Coleoptera: Cerambycidae) in Nova Scotia
15:50	R. Wegensteiner, C. Tkaczuk	Infecting <i>Hylobius abietis</i> (Coleoptera, Curculionidae) with the entomopathogenic fungi <i>Beauveria bassiana</i> , <i>Isaria fumosorosea</i> and <i>Metarhizium anisopliae</i> in the laboratory
16:10	J-C. Grégoire, F. Mayer, L. Lambin, A. Boullis, J-M. Molenberg	West to the Ocean - 35 years of biological control of the invasive greater spruce beetle, <i>Dendroctonus micans</i>
Tuesday, September 17		
07:00 – 09:30 Breakfast <i>Vistas Dining Room</i>		
08:00 – 16:30 Registration <i>KC 200 Galleria</i>		
08:30 – 10:10 Trophic Interactions <i>KC 201</i>		
08:30	M. Lyytikäinen, P. Lyytikäinen-Saarenmaa, T. Kantola, M. Talvitie, M. Holopainen, M. Kosunen	The effect of natural enemies on defoliation caused by the common pine sawfly (<i>Diprion pini</i> L.)
08:50	J. Klutsch, N. Erbilgin	Interactions between mountain pine beetles and woodborer beetles in jack pine are mediated by a plant pathogen
09:10	A. Polinko, K. Waring	Stand response to western spruce budworm defoliation and mortality in northern New Mexico
09:30	K. Raffa, J. Bohlmann, C. Boone, K. Keefover-Ring, C. Mason	Detoxification of plant defense compounds by bacterial associates of bark beetles and folivores
09:50	A. Arango-Velez	TBD
10:10 – 10:30 Refreshment Break <i>KC 200 Galleria</i>		
10:30 – 12:10 Effects of Weather and Climate <i>KC 201</i>		
10:30	A. Hefty, R. Venette, S. Seybold, B. Aukema	Potential limits to the northern distribution of walnut twig beetle from northern California based on cold
10:50	M. Lantschner, J. Villacide, J. Garnas, P. Croft, A. Carnegie, A. Liebhold, J. Corley	Temperature explains variable spread rates of the invasive woodwasp <i>Sirex noctilio</i> in the Southern Hemisphere
11:10	A. Lynch	Weather factors associated with <i>Elatobium abietinum</i> outbreak frequency in maritime and montane ecosystems in western North America
11:30	B. Bentz, J. Vandygriff, C. Jensen, T. Coleman, P. Maloney, S. Smith, A. Grady, G. Langenheim	Mountain pine beetle voltinism and life history characteristics across latitudinal and elevational gradients in the western United States
11:50	J. Burke, A. Carroll	Selection pressure from mountain pine beetle alters host defensive strategy
12:10 – 13:30 Lunch <i>Vistas Dining Room</i>		

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Natural Resources
Canada

Ressources naturelles
Canada

13:30 – 14:30	Climate Change and Altered Disturbances I <i>KC 201</i>	
13:30	D. Wytrykush, A. Carroll	Voltinism shifts associated with spruce beetle population eruptions
13:50	A. Weed, M. Ayres, B. Bentz, A. Liebhold, E. Preisser	A comparative analysis of climatic effects on forest insect population dynamics
14:10	D. Inward	Modelling the influence of a changing climate on the life cycle and pest status of pine weevil
14:30	M. Klapwijk, G. Csóka, A. Hirka, C. Björkman	Insect defoliators and climate change: Long term trends in herbivore damage
14:50 – 15:30	Refreshment Break <i>KC 200 Galleria</i>	
15:30 – 17:00	Art Display <i>KC 200 Galleria</i>	
Wednesday, September 18		
07:00 – 09:30	Breakfast <i>Vistas Dining Room</i>	
08:30 – 16:00	Field trip (bag lunch provided)	
17:30 – 19:00	Poster Session (with bar service) <i>KC 200 Galleria</i>	
19:00 – 21:00	Banquet	
Thursday, September 19		
07:00 – 09:30	Breakfast <i>Vistas Dining Room</i>	
08:30 – 10:10	Climate Change and Altered Disturbances II <i>KC 201</i>	
08:30	A. Marciniak, A. Carroll	Effects of climate change on range expansion by the western spruce budworm
08:50	A. Robinson, A. Carroll	The potential for forest structure to constrain mountain pine beetle spread through Canada's boreal forest
09:10	B. Aukema, S. Crocker G. Liknes, J. Albers, F. McKee	Climatic factors influencing landscape-level outbreaks of eastern larch beetle (<i>Dendroctonus simplex</i>) in Minnesota
09:30	F. McKee, B. Aukema	Evidence for outbreak severity associated with a shift in voltinism for eastern larch beetle <i>Dendroctonus simplex</i> at the southern margin of its range
09:50 – 10:30	Refreshment Break <i>KC 200 Galleria</i>	
10:30 – 11:50	Climate Change and Altered Disturbances II <i>KC 201</i>	
10:30	D. Rosenberger, R. Venette, B. Aukema	Suitability of western Great Lakes region of North America for establishment of mountain pine beetle
10:50	A. Lynch	Unprecedented and exceptional forest insect outbreaks in southern Arizona
11:10	J. LaBonte	Meeting the challenges of forest insect identification in a changing world
11:30	TBD	
11:50 – 13:30	Lunch <i>Vistas Dining Room</i>	
13:30	Adjourn	