

Sunday, August 8, 2010		Room Number/Location
8:30	Registration Table Opens	David Strong Building Lobby
9:30-12:00	<b>Workshop 1 – Stable Isotopes</b> Drs. Rob Guy & Alice Chang, Faculty of Forestry, UBC Dr. Peter Millard, Macaulay Land Use Institute, Aberdeen	David Strong Building C112
9:30-12:00	<b>Workshop 2 – Digital Imaging of Roots in situ</b> Dr. Kuo-Chung Hsu, CID Bio-Science Daniel McDonald, Phenotype Screening Corp. Yoni Fridman, Digiroot	David Strong Building C108
12:00-13:00	Lunch	David Strong Building Lobby
13:00-15:30	<b>Workshop 3 – Genomic Resources</b> Dr. Jürgen Ehling, Centre for Forest Biology, UVic	McPherson Library, Mearns Wing MRN 324A
13:00-15:30	<b>Workshop 1 – Stable Isotopes - repeated</b>	David Strong Building C112
9:30-12:00	<b>Workshop 2 – Digital Imaging of Roots in situ - repeated</b>	David Strong Building C108
19:00-21:00	Welcome Mixer	Cadboro Commons Building - Campus View Room
<b>Monday August 9, 2010</b>		
8:00	Registration Table Opens	Bob Wright Centre Lobby
8:30-8:40	<b>WELCOMING REMARKS</b>	Bob Wright Centre A104
8:40-9:40	<b>Session AM1 Moderator: Tarja Lehto</b> Martin Weih - Keynote Speaker	<i>Roots, biomass production and cropping security in short rotation willows</i>
9:40-10:00	Simon M. Landhäusser, Victor J. Lieffers	<i>Defoliation increases risk of carbon starvation in aspen systems</i>
10:00-10:20	Emilie Tarroux, Annie DesRochers	<i>Influence of natural roots grafting and radial growth of jack pine trees commercial thinning</i>
10:20-10:50	<b>COFFEE BREAK</b>	
10:50-11:20	<b>Session AM2 Moderator: Kyotaro Noguchi</b> Vivek Arora - Invited Speaker	<i>Dynamic global vegetation models and their role in earth system models</i>
11:20-11:50	Carolyn Smyth, Werner Kurz - Invited Speaker	<i>National-scale estimates of root biomass carbon stocks and associated carbon fluxes in Canada</i>
11:50-12:10	Ivano Brunner, Ivika Ostonen	<i>Cost action fp0803-and European initiative to assess the contribution of the fine root turnover to the belowground carbon dynamics in forest soils</i>
12:10-12:30	David M. Eissenstat, Luke McCormack, Tom Adams	<i>Controls and constraints of root lifespan in temperate trees</i>
12:30-13:30	<b>LUNCH sponsored by Regent Instruments</b>	
13:30-13:50	<b>Session PM1 Moderator: Jhonathan Ephrath</b> Mark Coleman	<i>Stress induced allocation to fine roots occurs in pine, but not poplar: revising the textbooks</i>
13:50-14:10	Linda Gruffman, Torgny Näsholm	<i>The effect of nitrogen source on plant biomass allocation</i>
14:10-14:30	Quanying Du, David Eissenstat, Lindsey Rustad, Zhengquan Wang	<i>Linking fine root oxidative stress with root lifespan in temperate forests under long-term nitrogen deposition</i>
14:30-14:50	Andreas Jacob, Dietrich Hertel, Christoph Leuschner	<i>Biodiversity effects on the fine root system in a broad-leaved forest differing in tree species composition</i>
14:50-15:10	Dylan Fischer	<i>Neighbour effects on fine root production in trenched trees</i>
15:10-15:20	Amram Eshel	<i>In memoriam-Yoav Waisel 1931-2010</i>
15:20-16:25	<b>Poster Session 1 - odd-numbered posters</b>	Bob Wright Centre Lobby
16:25-17:30	<b>Poster Session 2 - even-numbered posters</b>	Bob Wright Centre Lobby
<b>Tuesday August 10, 2010</b>		
8:30-9:30	<b>Session AM1 Moderator: Gerry Neilsen</b> Pete Millard - Keynote Speaker	Bob Wright Centre A104 <i>Through the eye of the needle-isotopic approaches to measure soil organic matter turnover</i>
9:30-9:50	Masako Dannoura, Alexandre Bosc, Christophe Chipeaux, Pierre Trichet, Chathy Lambrot, Michel Sartore, Mark Bakker, Denis Loustau and Daniel Epron	<i>Isotope composition of CO<sub>2</sub> efflux in root respiration</i>
9:50-10:10	Colleen Iversen	<i>Digging deeper: rooting distributions in CO<sub>2</sub>-enriched forests</i>
10:10-10:30	Ivika Ostonen, Heljä-Sisko Helmsaari, Werner Borken, Mai Kukumägi, Mohammad Bahram, Leho Tedersoo, Antti-Jussi Lindroos, Pekka Nöjd, Veiko Uri, Päivi Merilä, Krista Lähmus	<i>Fine root adaptation strategies in European spruce forests across a climate gradient</i>
10:30-11:00	<b>COFFEE BREAK</b>	
11:00-12:00	<b>Session AM2 Moderator: Shannon Berch</b> Kathleen Treseder - Keynote Speaker	<i>Mycorrhizal feedbacks on global change</i>
12:00-12:20	Barbara Kieliszewska-Rokicka, Anna Frymark-Szymkowiak, Magdalena Kulczyk-Skrzeszewska	<i>Ectomycorrhizal diversity and activity of <i>Populus nigra</i> and <i>Palma</i> in natural riparian and in anthropogenic habitats in Poland</i>
12:20-12:40	Tarja Letho, Anna Korhonen, Tapani Repo	<i>Freezing tolerance of ectomycorrhizas and ectomycorrhizal fungi</i>
12:40-13:00	Bhoopander Giri, Rupam Kapoor	<i>Influence of arbuscular mycorrhizal symbiosis on physiological and biochemical process in multipurpose trees grown in degraded wasteland</i>
13:00	<b>LUNCH sponsored by the Centre for Forest Biology, University of Victoria</b> FREE AFTERNOON	
<b>Wednesday August 11, 2010</b>		
8:30-9:30	<b>Session AM1 Moderator: Pauline Grierson</b> Kurt Fagerstedt, Olga B. Blokhina - Keynote Speaker	Bob Wright Centre A104 <i>Hemoglobin and nitric oxide signaling in roots</i>
9:30-9:50	Monica Calvo Polanco, JJ Zwiazek	<i>Role of adventitious roots in water relations of tamarack (<i>Larix laricina</i>) seedlings exposed to flooding</i>
9:50-10:10	Caroline Canham, Ray Froend, William Stock	<i>Phenological assessment of root growth and water table interaction to phreatophytic <i>Banksia</i> species</i>
10:10-10:40	<b>COFFEE BREAK</b>	
10:40-11:00	<b>Session AM2 Moderator: David Eissenstat</b> Jessica Snedden, Simon Landhäusser and Uldis Silins	<i>Above and below ground controls on water relations in clonal aspen</i>
11:00-11:20	Gabriele Krisinger, Dietrich Hertel and Christoph Leuschner	<i>Long term response of the fine root system as compared to above ground parameters of mature Norway spruce to different levels of soil drought</i>
11:20-11:40	Gerry Neilsen, D. Neilsen, D. Eissenstat, and T. S. Adams	<i>Above and below ground responses of fruiting apple trees to mulching and restricted irrigation</i>
11:40-12:00	Elizabeth McLean, Martha Ludwig, Pauline Grierson	<i>Responses to partial root-zone drying of a riparian tree species commonly subjected to flood-drought cycles</i>
12:00-12:50	<b>LUNCH sponsored by SweTree Technologies</b>	
12:50-13:10	<b>Session PM1 Moderator: Robert Guy</b> Carol Peterson - Keynote Speaker	<i>Roles of suberin in roots</i>
13:10-14:10	Thorsten Knipfer, Wieland Fricke	<i>Radial water uptake-does a purely apoplastic transport pathway along cell-walls really exist?</i>
14:10-14:30	Pauline Grierson, Timothy Bleby, Rachel Loh	<i>Hydraulic structure and function of deep and shallow karri (<i>Eucalyptus diversicolor</i>) roots</i>
14:30-14:50	Boris Rewald, Jhonathan E. Ephrath and Shimon Rachmilevitch	<i>Functional differentiation within root systems-root order-based water uptake rates under fresh water and salinity</i>
14:50-15:10	<b>COFFEE BREAK</b>	
15:10-15:30	<b>Session PM2 Moderator: Ivano Brunner</b> Shinobu Satoh, Yuta Abe, Hiroaki Mizuno, Jun Furukawa, Hiroaki Iwai, Mikiko Kojima, Hitoshi Sakakibara, Hitoshi Mori	<i>Seasonal fluctuation of xylem sap substances and root gene expression with involvement of abscisic acid in poplar</i>
15:30-15:50	Enrich Inselsbacher, Jonas Öhlund, Jämtgård Sandra, Kerstin Huss-Danell, Näsholm Torgny	<i>Plant nutrient acquisition-a microdialysis approach</i>
15:50-16:10	Bettina Wagner, Holger, Gärtner	<i>Into the roots-a 3D coarse-root development model</i>
16:10-16:20	Discussion of location for Woody Roots 6	
17:30	Bus Departs for Banquet	Parking Lot B (north of Bob Wright Centre)