

2nd FIBRE Conference

Monday, May 12 – Thursday May 15, 2014

Monday, May 12

Time	Event	Building	Room
8:00 – 8:30	Student registration	Student Union Building - SUB	Ballroom 3 rd floor
8:30 – 4:30	Post Doc/Student Workshop – <i>Where are the jobs and how do I get one?</i>	Student Union Building - SUB	Ballroom
2:00 – 5:00	Council of Directors/Board Chair meeting	Henry Angus Building/ Sauder School of Business	Room 996
3:00 – 5:00	Registration/ Information Desk	Isabel MacInnes Ballroom - Gage Residence	Main floor
7:00 – 8:00	Registration	Henry Angus Building/ Sauder School of Business	Lobby
7:00 – 9:00	Welcome Reception	Henry Angus Building/ Sauder School of Business	Lobby

Tuesday, May 13 - Global Challenges

Time	Event	Building	Room
7:30 – 8:00	Information Desk	Isabel MacInnes Ballroom - Gage Residence	1 st floor
7:30 – 9:45	Registration	Earth Science Building	Lobby
8:00 – 9:45 & 1:00 – 3:00	Information Desk	Earth Science Building	Lobby
7:30 – 8:15 & 11:45 – 12:30	Hang Posters	Earth Science Building	Lobby
Global Challenges – Part I			
Plenary location: Earth Sciences Building, room 1013			
Session Chair – Theo van de Ven, Chair of FIBRE			
8:15 – 8:30	Welcome Address – Theo van de Ven		
8:30- 9:15	Key Note Speaker – <i>FINDING COMMON GROUND: Enlightened Leadership for Global and Local Challenges</i> , Elizabeth Dowdeswell, President and CEO, Council of Canadian Academies		
9:15 – 9:45	Theo van de Ven, Chair of FIBRE - <i>Road Map for Future University Research in Forest Innovation</i>		

9:45 – 10:15	Coffee Break	Scarfe Building	Lobby
Global Challenges – Part II			
Plenary Location: Scarfe Building Room 100			
Session Chair – Dave McDonald, FIBRE Senior Advisor			
10:15 – 11:45	Panel Discussion – <i>Importance of FIBRE in the Innovation System (looking back and looking forward)</i> David Lindsay, President & CEO, FPAC; Pierre Lapointe, President and Chief Executive Officer, FPIInnovations; Anne-Marie Thompson, Director, Energy, Environment and Resources Division, NSERC; Tom Lindström, KTH Royal Institute of Technology/BiMac Innovations		
11:45 – 1:15	Lunch - On Your Own		
	VIP FIBRE Lunch: Sage Bistro, East Dining Room		
FIBRE Successes			
Plenary Location: Earth Science Building, Room 1013			
Session Chair – Theo van de Ven			
1:15 – 3:00	FIBRE Success Stories		
3:00 – 5:00	Otto Maass Poster Session – presentation and judging of even number posters/ Coffee Break – Lobby		
6:30 – 11:00	Fun Night at Kroener’s Pub – Graduate Student Society Building		

Wednesday, May 14

The Marcus Wallenberg Presentations and Competition

Time	Event	Building	Room
7:45 – 8:15	Registration – Information desk	Earth Science Building	Lobby
Marcus Wallenberg Presentations			
Plenary Location: Earth Sciences Building, Room 1013			
Session Chair – David McDonald			
8:15- 8:20	Opening Remarks: David McDonald, Senior Advisor for the Marcus Wallenberg Prize		
8:20 -8:30	Introduction: Johanna Buchert, VP, VTT Member of Marcus Wallenberg Selection Committee		
8:30 – 9:00	<i>“Evolution and Potential Uses of Nanocrystalline Cellulose”</i> Professor Derek G. Gray, McGill University, Recipient of the 2013 Marcus Wallenberg Prize		
9:00 – 9:20	<i>“Production and Processing of NCC”</i> Dr. Richard Berry, Vice President, Chief Technology Officer, CelluForce Inc.,		
9:20 – 9:40	<i>“What is the Future for Nanotechnology in the Forest Industry?”</i> Tom Lindström, KTH Royal Institute of Technology/BiMac Innovations		
9:40-10:00	<i>“Requirements on the Cellulose Fibres from the Composite Industry”,</i> Jan-Anders Månson, École Polytechnique Federale de Lausanne (EPFL), Lausanne, Switzerland – video presentation		

10:00 – 10:30	Coffee Break	Scarfe Building	Lobby
Marcus Wallenberg Competition			
Plenary Location: Scarfe Building, Room 100			
Session Chair – Mark Martinez, UBC, Green Fibre Network			
10:30 – 10:50	David McDonald - Introduction to Wallenberg competition		
10:50 - 11:20	2013 Marcus Wallenberg Student Winners – <i>The Wallenberg Experience</i>		
11:20 – 11:40	<i>CBM Adsorption as a Tool for Quantifying the Surface Morphology of Cellulosic Fibers</i> Keith Gourlay , Forest Products Biotechnology and Bioenergy Group, Department of Wood Science, Faculty of Forestry, University of British Columbia, NSERC Bioconversion Network		
11:40 – 12:00	<i>Structure, Properties and Processing of Carbon Nanotube Reinforced Lignin-based Carbon Nanofibre</i> Li-Ting Lin , Frank Ko, Department of Material Engineering, University of British Columbia, Lignoworks Network		
12:00 – 1:30	Lunch - On your own		
Plenary Location: Earth Science Building, Room 1013			
Session Chair – Paul Stuart			
1:30 – 1:50	<i>Practical Height Limits for Tall Timber Buildings</i> Patricia Wilbur , Shucheng Yang, Michael Bartlett, Han-Ping Hong Western University, NEWBuildS Network		
1:50 – 2:10	<i>Mathematical Model for Quantitative Colourimetric Detection of Bioagents in a Bioactive Paper.</i> Elina Levi Gendler , Ramin Farnood, University of Toronto, Sentinel Bioactive Paper Network		
2:10 – 2:30	<i>Phosphorus-based Flame Retardants for Wood Products</i> Andrew Priegert , Derek Gates, Department of Chemistry, University of British Columbia, Innovative Green Wood Fibre Products Network		
2:30 – 2:50	<i>Extending a Wood Supply Model to Anticipate Industrial Fibre Consumption Behaviour</i> Gregory Paradis ¹ , Luc LeBel ¹ , Sophie D'Amours ² , Mathieu Bouchard, ¹ Faculté de foresterie, de géographie et de géomatique, ² Département de génie mécanique, Faculté de sciences et de génie, ³ Consortium de recherche FORAC Université Laval, Value Chain Optimization Network		
2:50 – 5:00	Poster Session – presentation and judging of odd numbered posters/ Coffee Break		
5:00 – 5:30	Posters removed		
6:30 – 11:00	- Conference Dinner, Sage Bistro		

Thursday, May 15–International Partnerships

Marcus Wallenberg Competition (continued)			
Plenary Location: Earth Science Building, Room 1013			
Session Chair – Jack Saddler, University of British Columbia, Bioconversion Network			
8:45 – 8:50	Welcome		
8:50 – 9:10	<i>Enzymatic Modification of Conventional Kraft Pulps for Conversion to</i>		

	<i>Specialty Grade Cellulose</i> Richard Chandra , Emma Dou and Jack Saddler, University of British Columbia, NSERC Bioconversion Network
9:10 – 9:30	<i>Metal-Free Synthesis of Conjugated Polymers from Lignin-Based Vanillin</i> Laure Kayser , Bruce Arndtsen, Department of Chemistry, McGill University, Lignoworks
9:30 - 9:50	Johannes Schneider , Dr. Solomon Tesfamariam, University of British Columbia, NEWBuildS Network
9:50 – 10:20	Coffee Break - Scarfe Building, Lobby
<i>Marcus Wallenberg Competition (continued)</i>	
Plenary Location: Scarfe Building, Room 100	
10:20 – 10:40	<i>The crystalloid twist structure of cellulose and its implications</i> Kevin Conley , Theo van de Ven, Louis Godbout, M.A. Whitehead, Department of Chemistry, McGill University, Innovative Green Wood Fibre Products Network
10:40-11:00	<i>Strategic optimization of forest biomass value chains with economic, environmental and social considerations</i> Claudia Cambero , Taraneh Sowlati, Department of Wood Science, University of British Columbia, Value Chain Optimization Network
<i>International Partnerships</i>	
Session Chair – James Olson, University of British Columbia, Green Fibre Network	
11:00 – 11:30	Tom Lindström – Sweden – KTH Royal Institute of Technology/BiMac
11:30 – 12:00	Philip Turner – Director of Centre for Plant Science & Bio-polymer, Forest Products Research Institute, Edinburgh Napier University
12:00 – 1:00	Lunch
Plenary Location: Earth Science Building, Room 1013	
<i>International Partnerships (continued)</i>	
1:00 – 1:30	Robert Pelton – FIBRE’s International Connections
1:30 – 2:30	Panel Discussion – “ <i>Opportunities for Canada/International University Partnerships</i> ” Tom Lindström, Philip Turner, Robert Pelton
2:30 – 3:00	Poster/Wallenberg winners and Closing Remarks