

Virtual International Conference

November 8-10, 2021

pnwconifers2021.sciencesconf.org



		Central Europe	Pacific Northwest		Title	Speaker	Affiliation
		CET: Central European Time	PST: Pacific Standard				
Welcome Session		16:00	07:00		Welcome Address	Santiago Gonzalez-Martinez	Coordinator, Division 2
				Organisation notes	Keith Jayawickrama	Oregon State University, United States	
				Sponsor messages			
Session 1					Provenance Research and Tree Breeding	Moderator - Philippe Rozenberg	
	1.	16:20	07:20	1	Introduction, tree breeding and use of PNW Conifers in Sweden	Johan Kroon	Skogforsk · Tree Breeding North, Sweden
	2.	16:40	07:40	2	Performance of lodgepole pine provenances in hemiboreal forests of Europe, Latvia	Aris Jansons	Latvian State Forest Research Institute Silava, Latvia
	3.	17:00	08:00	3	Testing and deployment of coastal redwood in California and Oregon	Keith Jayawickrama	Oregon State University, United States
	4.	17:20	08:20	4	Weyerhaeuser's Advanced Generation Breeding and Testing of Douglas-fir	Brian Baltunis	Weyerhaeuser, United States
Postersession					Poster	Moderator - Silvio Schüler	
		17:40	08:40	1	Experiences with PNW Conifers in Finland	Seppo Ruotsalainen	LUKE, Finland
		17:43	08:43	2	Common-garden experiment reveals clinal trends of bud phenology in black spruce populations from a latitudinal gradient in the boreal forest	Xiali Guo	Guangxi University, China
		17:46	08:46	3	Could Douglas fir be an alternative species in a changing climate? Comparative analysis with local Norway spruce in western Romania	Georgeta Mihai	"Marin Dracea" National Institute for Research and Development in Forestry, Romania
		17:49	08:49	4	Genetic variation and climate response of radial growth of Larix olgensis at four trails in northeast China	Chuanping Yang	Northeast Forestry University, China
		17:52	08:52	5	The German breeding concept on Douglas-fir – current status	Mirko Liesebach	Thünen Institute, Germany
		17:55	08:55		Poster discussion (Chat) & Coffee Break		
Session 2					Tree Breeding	Moderator - Brian Baltunis	
	5.	18:10	09:10	5	Genetic assessment of the Sitka spruce British breeding programme	Finzgar Domen	Institute of Evolutionary Biology, Edinburgh, United Kingdom
	6.	18:30	09:30	6	Overview of tree breeding programs in the interior of British Columbia, Canada.	Trevor Doerksen	Kalamalka Forestry Centre, BC, Canada
	7.	18:50	09:50	7	Early Results from New Realized Gain Trials with Western Hemlock on the British Columbia Coast	Charlie Cartwright	British Columbia Ministry of Forests, Lands, NRO and Rural Development, Canada
	8.	19:10	10:10	8	Updates on Cooperative Tree Improvement for Coastal Douglas-fir in western Washington, western Oregon, and NW California	Keith Jayawickrama	Oregon State University, United States
	9.	19:30	10:30	9	Scaling of Estimated Breeding Values in Australian Pinus radiata Breeding Program	Ivkovich Milos	Tree Breeding Australia, Australia
	End	19:50	10:50				

Monday, 8. November

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		Central Europe	Pacific Northwest		Title	Speaker	Affiliation	
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Wednesday, 10. November	Session 1				Seed and Seedling Management - Molecular genetics and Breeding	Moderator - Richard Sniezko		
		1.	16:00	07:00	20	Deployment Bottlenecks: Cone and Seed Processing, Storage and Inventory Management	Dave Kolotelo	BC Tree Seed Centre, Canada
		2.	16:20	07:20	21	Overview of the British Columbia Seed Orchard Program	Brian Barber	Select Seed Co. Ltd. & Forest Genetics Council of BC
		3.	16:40	07:40	22	Vegetative propagation of <i>Pseudotsuga menziesii</i> by refined somatic embryogenesis and its application in multilateral field trials	Walther Madlen	Humboldt University Berlin, Germany
		4.	17:00	08:00	23	A SNP marks the spot: a high-density linkage map for UK Sitka spruce (<i>Picea sitchensis</i> [Bong.] Carr.)	Tumas Hayley	Department of Plant Sciences, University of Oxford (United Kingdom)
		5.	17:20	08:20	24	Douglas-fir: Whole-exome sequencing unravels genomic signals of climatic adaptation	Marcela van Loo	Austrian Research Centre for Forests, Austria
	Postersession					Poster	Moderator - Terrance Ye	
			17:40	08:40	11	Seed source evaluation trials to evaluate the feasibility of operational assisted migration	Andrew Bower	USDA Forest Service, Olympic National Forest, United States
			17:43	08:43	12	Establishment of white pine blister rust resistant seed orchards for whitebark pine in the Pacific Northwest	Andrew Bower	USDA Forest Service, Olympic National Forest, United States
			17:46	08:46	13	Differences in growth, heat and drought tolerance among advanced-generation hybrids and coastal Douglas fir families	Amanda De La Torre	Northern Arizona University, United States
			17:49	08:49	14	Genomic Selection in western redcedar breeding program in BC: from proof of concept to application	Omnia Gamal El-Dien	Forest Sciences Centre, UBC, Canada
		17:52	08:52		Poster discussion (Chat) & Coffee Break			
Session 2					Seed and Seedling Management - Molecular Genetics and Breeding	Moderator - Nicholas Ukrainetz		
		18:10	09:10		BUSINESS SESSION - Opportunity to elect new office-bearers			
	6.	18:30	09:30	25	Low-density SNP Genotyping in Douglas-fir using Targeted Genotyping-by-sequencing	Jia Guo	Oregon State University, United States	
	7.	18:50	09:50	26	Genomics-assisted breeding of western white pine resistance to white pine blister rust	Jun-Jun Liu	Canadian Forest Service, Natural Resources Canada	
	8.	19:10	10:10	27	Genomics-enabled radiata pine breeding in New Zealand	Jaroslav Klapste	Scion, New Zealand	
	9.	19:30	10:30	28	Development of a 36K SNP array for radiata pine	Natalie Graham	Scion, New Zealand	
	10.	19:50	10:50					
	End							