Virtual International Conference

November 8-10, 2021

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			Central Europe	Pacific Northwest PST: Pacific	=	Title	Speaker	Affiliation	
	Welcome Session		European Time	Standard		Welcome Address	Santiago Gonzalez-Martinez	Coordinator Division 2	
			16:00	07:00		Organisation notes	Keith Jayawickrama	Coordinator, Division 2 Oregon State University,	
							Reitii Jayawicki aiiia	United States	
						Sponsor messages	20 1 11		
	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	
						Poster	Moderator - Silvio Schüler		
	Postersession		17:40	08:40	1	Experiences with PNW Conifers in Finland	Seppo Ruotsalainen	LUKE, Finland	
Monday, 8. November			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			
						Tree Breeding	Moderator - Brian Baltunis		
	Session 2	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 o 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	lvkovich Milos	Tree Breeding Australia, Australia	
		End	19:50	10:50					

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			Central Europe CET: Central European Time	Pacific Northwest PST: Pacific Standard Time		Title	Speaker	Affiliation
	Session 1			Time		Climate change - Genecology	Moderator - Keith Jayawickrama	
		1.	16:00	07:00	10	Potential of adaptation to drought in Douglas- fir: twenty years of research efforts	Philippe Rozenberg	INRAE Orleans, France
		2.	16:20	07:20	11	Will climate change result into a new era of introductions of conifers? A case study about needs, opportunities and risks in Austria.	Silvio Schüler	Austrian Research Centre for Forests BFW, Austria
		3.	16:40	07:40	12	Drought screening in ponderosa pine	Marie Vance	BC Ministry of Forests, Lands, Natural Resource Operations and Rural Development, Canada
		4.	17:00	08:00	13	Optimizing Assisted Gene Flow for Forests	Joe Stewart	UC Davis, United States
		5.	17:20	08:20	14	The PNW Seed Source Project: A low-cost collaborative approach to provide both data and demonstration in support of climate change adaptation decisions.	Jeff Debell	Washington State Department of Natural Resources, United States
						Poster	Moderator - Silvio Schüler	
ıber	Postersession		17:40	08:40	6	Searching for White Pine Blister Rust Resistance in Foxtail Pine (Pinus balfouriana)	Richard Sniezko	USDA Forest Service, Dorena Genetic Resource Center, United States
9. November			17:43	08:43	7	Diverse PNW Forests for the 21st Century - Developing Secondary Conifers	Keith Jayawickrama	Oregon State University, United States
Tuesday, 9.			17:46	08:46	8	Early Assessment on Realized Genetic Gains from Second-Cycle Western Hemlock Tree Improvement	Terrance Ye	Oregon State University, United States
ŢŢ			17:49	08:49	9	Growth of Sitka Spruce and Douglas Fir in European hemiboreal forests, Latvia	Diāna Jansone	Latvian State Forest Research Institute Silava; Latvia
			17:52	08:52	10	Should we plant trees at higher latitudes or at higher elevations to compensate for climate change? An evaluation of frost risks	Zihaohan Sang	University of Alberta, Canada
			17:55	08:55		Poster discussion (Chat) & Coffee Break		
						Forest Health - Genecology	Moderator - Marcela van Loo	
	Session 2	6.	18:10	09:10	15	Biotic threats to key Pacific Northwest Species in Western and Central Europe	Magdalena Kacprzyk	University of Agriculture in Krakow, Department of Forest Ecosystems Protection, Poland
		7.	18:30	09:30	16	A Sentinel Network Information Platform for N. American Woody Flora: Leveraging Established ex situ Plantings of PNW Conifers and Integration with Parallel Efforts	Geoffrey Williams	USDA Forest Service International Programs, United States
		8.	18:50	09:50	17	Developing and Using White Pine Blister Rust- Resistant Populations of Pinus monticola, P. albicaulis and P. lambertiana	Richard Sniezko	USDA Forest Service, Dorena Genetic Resource Center, United States
		9.	19:10	10:10	18	Genecology forest health traits in western North American conifers	Gregory O'Neill	BC Ministry of Forests, Lands and Natural Resource Operations, Canada
		10.	19:30	10:30	19	Port-Oford-cedar (Chamaecyparis lawsoniana) and resistance to Port-Orford- cedar root disease and Stigmina foliage blight	Richard Sniezko	USDA Forest Service, Dorena Genetic Resource Center, United States
		End	19:50	10:50				

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			Central Europe	Pacific				
			CET: Cantual	Northwest PST: Pacific		Title	Speaker	Affiliation
			CET: Central European Time	Standard				
				Time		Seed and Seedling Management - Molecular		
	Session 1					genetics and Breeding	Moderator - Richard Sniezko	
		_				Deployment Bottlenecks: Cone and Seed		BC Tree Seed Centre,
		1.	16:00	07:00	20	Processing, Storage and Inventory Management	Dave Kolotelo	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
						Orchard Frogram		BC
		3.	16:40	07:40	22	Vegetative propagation of Pseudotsuga menziesii 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 (Picea sitchensis [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
nber						Poster	Moderator - Terrance Ye	
Wednesday, 10. November	Postersession		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					5 5		
			18:10	09:10		Genetics and Breeding BUSINESS SESSION - Opportunity to elect new office-bearers	Ukrainetz	
		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. End	19:50	10:50				
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