



Forest Genetics 2023

Discovery & Innovation in Changing Climates

Poster Session
July 11, 2023 | 14:20 - 15:20

Submitter	Topic	Poster Title
Alano, Denise	Seed transfer and provenance test analyses	Simulating early spring conditions in two sugar maple provenances
Benowicz, Andy	Other forest genetics related topics	Performance of Siberian larch in Alberta
Dias de Andrade Silva, Raiany	Other forest genetics related topics	Exploration of climate as a potential factor driving sex distribution of mature aspen trees in an active tree improvement region in Alberta
Guillardin, Laura	Genomic tools	Thuja plicata (Western red cedar) plantations, SNPs discovery and genotyping to understand species genetic background in the UK
Hayward, Emma	Forest health	Composition of the Douglas-fir (<i>Pseudotsuga menziesii</i>) foliar mycobiome and its role in Swiss Needle Cast severity for a breeding population
Henry, Martin	Seed transfer and provenance test analyses	Drought recovery in western larch populations
Jiang, Jing	Interdisciplinary research	Assessing the Accuracy of ClimateAP-Generated Biologically Relevant Variables
Kim, Ye-Ji	Seed orchard design and management	Genetic variation of Biomass, Acorn production and Physiological trait among families in <i>Quercus acuta</i> and <i>Q. glauca</i> Seed Orchards
King, Jacob	Other forest genetics related topics	Practical Considerations for Drone-based Data Collection on Forest Research Trials
Kolech, Alebel Melaku	Forest health	The state-of-the-art and future directions on sacred forests and ecosystem benefits
Milani, Jesse	Seed transfer and provenance test analyses	Growth and survival of black spruce populations in an assisted migration trial near Thunder Bay, Ontario
Russell, Valerie	Seed transfer and provenance test analyses	Does the selective breeding of lodgepole pine alter its ability to respond to climate change?
Sneizko, Richard	Forest health	Genetic dissection and potential application of limber pine quantitative disease resistance for management of white pine blister rust (WPBR)
Sneizko, Richard	Forest health	First documentation in limber pine of virulence to major gene resistance to white pine blister rust, and tool to monitor its spread
Thomson, Ashley	Seed transfer and provenance test analyses	Genetic variation in leaf traits associated with local adaptation to climate in yellow birch
Wilhite, Benjamin	Forest health	Continuing the search for white pine blister rust resistance in foxtail pine (<i>Pinus balfouriana</i>)
Zhao, Yueru	Seed transfer and provenance test analyses	Predicting the global fundamental climate niche of lodgepole pine for climate change adaptation