

Time	Title	Speaker
8:30-9:00	Check-in and networking	
9:00-9:05	Welcome	Lane Moser and Eli Sagor
<b>Block 1:</b>		
9:05-9:20	Saving butternut: recent progress in detecting hybrids and disease	James Jacobs
9:20-9:35	Can biochar save jack pine seedlings from drought mortality?	Alan Toczydlowski
9:35-9:50	Timing and extent of forest disturbance in the Laurentian Mixed Forest	Chris Edgar
9:50-10:05	Q&A Panel	Block 1 speakers
<b>Block 2:</b>		
10:05-10:10	Hunting for hemlocks: locating <i>Tsuga canadensis</i> in Minnesota	Kira Pollack
10:10-10:15	Reflecting on Minnesota's forest management stories: Best practices and opportunities for including diverse narratives and perspectives	Mariah Deyo
10:15-10:20	Restoration of ecocultural forest fire with timber production economic considerations: the Otter Creek burn unit case study	Kyle Gill
10:20-10:25	Share your experience with how species respond to fire and disturbance	Marcella Windmuller-Campione
10:25-10:35	Q&A Panel	Block 2 speakers
10:35-11:00	Break/Poster Session	
<b>Block 3:</b>		
11:00-11:35	An update on the effect of White Nose Syndrome on bat species in Minnesota	Ron Moen
11:30-11:45	Results from the 2022 Minnesota Logging Business Owner Survey	Charlie Blinn
11:45-12:00	Q&A Panel	Block 3 speakers
12:00-1:00	Lunch	

**Block 4:**

1:00-1:15	Comparing biodiversity and carbon storage in old-growth and second-growth stands in the Big Woods	Nick Partington
1:15-1:30	Exploring the potential for adaptation plantings to restore and sustain forest habitats across the upper Lake States	Lucia Fitts
1:30-1:45	Original pine estimates and harvest dates in the Cloquet Valley State Forest	Peter Jongewaard
1:45-2:00	Q&A Panel	Block 4 speakers

**Block 5:**

2:00-2:05	Methods and applications for terrestrial lidar in an urban floodplain forest	Auste Eigirdas
2:05-2:10	Effects of management on stand structure and understory development in lowland conifer forests in Minnesota	Laura Reuling
2:10-2:15	Survival and growth of potential species for black ash replacement along a climate gradient	Holly Francart
2:15-2:20	How long does it take aspen to attain sizes suitable for use by cavity-dependent wildlife?	Michael North
2:20-2:30	Q&A Panel	Block 5 speakers

2:30-3:00 Break/Poster Session

**Block 6:**

3:00-3:15	Dispersal of mycorrhizal fungi by small mammals and carnivores	Michael Joyce
3:15-3:30	Do advanced information communication technologies influence visitor acceptance? A case of terrestrial invasive species management	Brett Rannow
3:30-3:45	See the forest, see the trees	Brian Huberty
3:45-4:00	Q&A Panel	Block 6 speakers

4:00 Adjourn