



Program: TolerantTree priming workshop

5-7 May 2025, NIBIO, Ås, Norway

Monday 5 May

- 14.00 Welcome and info
- 14.15 Priming and how to study it, Paal Krokene
- 14.30 Norway spruce seed priming, Ngan Huynh
- 14.45 Norway spruce priming and soil microbiome, Melissa Magerøy
- 15.00 Q&A
- 15.15 Coffee Break
- 15.45 Spruces induced more resin ducts in response to fungal inoculation three years compare to one year after severe drought, Petter Öhrn
- 16.15 Light adaption and defence in conifers, Noomi Lodenius
- 16.00 Somatic embryogenesis plants, Adriana Puentes
- 16.30 Q&A
- 16.45 Walk on NMBU campus
- 18.00 Dinner at Charlie's Diner – Ås

Tuesday 6 May

- 8.45 Pick up at hotel drive to Hoxmark
- 9.15 Hoxmark - Norway spruce climate memory trial, Øystein Johnsen & Igor Yakovlev
- 10.45 Return to NIBIO
- 10.55 Coffee Break
- 11.15 Understanding the annual growth-dormancy cycle in Norway spruce (*Picea abies*): Environmental cues in shaping physiology, Payel Bhattacharjee
- 11.30 Exploring effects of epigenetic memory and transcriptomic differences through the annual cycle in clonal epitypes of Norway spruce (*Picea abies*), Mari Talgø Synvertsen
- 11.45 Q&A
- 12.00 Lunch
- 13.15 Sensitivity of plants to ionising radiation and radiation stress memory, Jorunn Elisabeth Olsen
- 13.30 Cold Plasma and Electromagnetic Field: Potential Treatments to Enhance Tree Resistance, Vytautas Čėsna
- 13.45 Enhancing chloroplast Ca^{2+} influx: a novel approach to prime plants against abiotic stresses, Shanna Romand
- 14.00 Q&A



- 14.15 Coffee Break
- 14.45 Remembering the past –a novel insight into pathogen resistance across generations of ash trees, Lene Rostgaard Nielsen
- 15.00 Transgenerational response to stress in alders, Cristina Vieites Blanco
- 15.15 Parental effects on *Fragaria vesca* under biotic interactions, Gerson Beltran
- 15.30 Q&A
- 15.45 Stretch break
- 16.00 Effects of elevated CO₂ on powdery mildew in oak seedlings, Estrella Luna
- 16.30 Q&A
- 18.00 Dinner at Cafe Sjøstjernen – Drøbak

Wednesday 7 May

- 9.00 Discussion- Challenges For Future Forest
- 10.00 Coffee Break
- 11.45 Lunch/leave (room available until 13:30 for those that want to work)