

“Conifer sequencing: basic concepts in conifer genomics”

5th Nov.

9:30 – 10:00 Dainis Rungis (LVMI "Silava" Genetic Resource Centre, Riga): **Forestry genetic and genomic research in Latvia**

10:00 – 10:50 Berthold Heinze (Federal Research and Training Centre for Forests, Natural Hazards and Landscape BFW, Vienna): **An introduction to conifer genomes, and sequencing methods**

Break

11:10 – 11:50 Vedhu Krystufek (Federal Research and Training Centre for Forests, Natural Hazards and Landscape BFW, Vienna): **ProCoGen highlights**

Lunch

13:00 – 14:00 Daniel Peterson (Mississippi State University, MS, U.S.A.) *in absentia*: **The Importance of relatives: conifers as a gateway into the gymnosperms (video recording)**

14:00 – 15:00 Lieven Sterck (VIB, Belgium): **A crash course in gene and genome annotation**

Break

15:15 – 16:15 Daniel Peterson (Mississippi State University, MS, U.S.A.) *in absentia*: **Old and new physical mapping techniques and their application to conifer genome research (video recording)**

16:15 – 17:15 Amanda De La Torre (Plant Science Centre, Umea University): **Comparative genomics: insights into conifer genome evolution**

Break

17:30 – 19:00 Open Forum: **Research interest of participants, plans & proposal for the future, interaction with speakers. Suggestions for avoiding research gaps and maintaining a constant flux of information**

6th Nov.

9:00 – 9:50 Amanda De La Torre (Plant Science Centre, Umea University): **Applications of genome sequencing to the study of local adaptation and speciation in conifers**

9:50 – 10:40 David Neale (University of California, Davis, U.S.A.) *in absentia*: **Pine genome sequencing project- phenotype, genotype and environment (video recording)**

Break

10:55 – 11:45 Lieven Sterck (VIB, Belgium): **Annotation workshop**

11:45 – 12:00 Discussion

12:00 Distribution of certificates of participation

Lunch

13:00 – 14:00

End