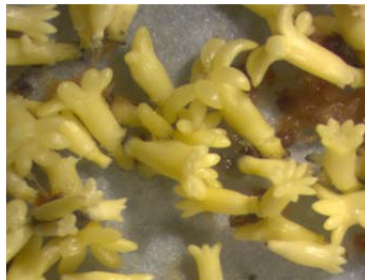


NordGen Forest Conference 2018

New Forest for Future Needs – using advanced regeneration methods and techniques

18-19 September 2018
Tuusula, Southern Finland



We would like to invite you to participate in the NordGen Forest Conference 2018 in Hotel Gustavelund, Tuusula/Finland.

NordGen Forest is to address conservation and sustainable use of forest genetic resources, by being a forum for researchers, practitioners and managers working on forest genetics, seeds, planting stock and regeneration, and by facilitating the flow of scientific information and knowhow between these groups.

The areas that will be covered at the conference and field trip include:

- **Choosing regeneration chain by using big data**
- **New methods for seedling stand monitoring and thinning**
- **How can research solve problems in Norway spruce seeds production?**
- **New technologies in seedling production -somatic embryogenesis, artificial light treatment etc.**
- **Future disease risks for tree seedlings**

Registration and more info:

www.nordgen.org/en/nordgen-forest-conference-2018

We are looking forward to seeing you in Tuusula!

Preliminary Program:

Conference day, 18 September

08:30 – 09:15 Coffee and registration

09:15 – 10:30 **Opening of the meeting and key note speeches**

Strategic objectives related to forest regeneration in Finland's National Forest Strategy.

Marja Kokkonen, Ministry of Agriculture and Forestry

Producing more Norway spruce seeds – what research can offer?

Katri Himanen, Natural Resources Institute Finland (Luke)

10:30 – 12:00 **Use of increasing data in development of forest regeneration**

Choosing regeneration chain using big data.

Hannu Pirinen, Metsä Group

New methods for seedling stand monitoring,

Timo Tokola, University of Eastern Finland

Horizon 2020 project GenTree - Optimizing the management and sustainable use of forest genetic resources in Europe. (to be confirmed)

12:00 – 13:00 Lunch

13:00 – 14:30 **New planting material for future needs**

Prospects and utilities of genomic selection in forest tree breeding

Pär Ingvarsson, Swedish University of Agricultural Sciences

Somatic embryogenesis of Norway spruce in Finland,

Tuija Aronen, Natural Resources Institute Finland (Luke)

Artificial lightning treatments for seedlings.

Johanna Riikonen, Natural Resources Institute Finland (Luke)

14:30-15:00 Coffee break

15:00 – 16:00 **Challenges for future seedling production**

Future diseases risks for tree seedlings

Anne Uimari, Natural Resources Institute Finland (Luke)

(still to come)

16:00 – 16:30 **Wrap-up and discussion**

1900 – Dinner hosted by the Ministry of Agriculture and Forestry

19 September:

08:00 – 16:30 Field trip to Southern Finland (Harviala, Rökkä)