

Invitation to the 3rd Conifer Genome Sequencing Summit Sept 28 - 30 2015 in Gysinge, Sweden



The first Conifer Genome Sequencing Summit was organized in Björkliden in 2013, Lapland, Sweden, and the second in Forêt Montmorency, Québec, Canada in 2014.

The rationale for these meetings was to give researchers involved in conifer genomics an opportunity to meet and discuss both technical and biological aspects of conifer genomics. The first meetings were very successful, and although there was no intention to make this a meeting series, the participants of the second meeting decided that they would like to see a third meeting, but this time with a focus on the interface between conifer genomics and breeding, and therefore the third summit is now announced.

The program will include overview scientific presentations from different projects and breeding programs, as well as focused presentations on different aspects of conifer genomics and breeding, and ample time for discussions. The number of participants will be limited to ca. 70 persons with priority being given to those involved in conifer genomics and/or breeding.

The meeting will take place in Gysinge Herrgård (<http://www.gysingeherrgard.se/>) providing a perfect environment for discussions, but also for excursions in Gysinge

Nature reserve and Färnebofjärdens National park (www.sverigesnationalparker.se/farnebofjarden), for which the main entrance is in Gysinge.

The distance from Arlanda International Airport is 115 km, but on small roads so the estimated travel time is 1 h 40 min.

In the past, there has been no funding for these meetings so everyone has covered their own costs, and they have been on venues that are somewhat isolated (to avoid distractions) and relatively cheap. This will be the case also this time. The cost of the meeting - including accommodation, conference dinner and all other meals and bus transportation from/to Arlanda International airport (if you arrive at “normal time”) - is 5 500 SEK in single room, 5 000 SEK in double room (including VAT). International participants pay at registration using credit card, Swedish participants will be billed. If this is not allowed in your organization, mail katarina.nilsater@umeafolketshus.se and arrange with payment.

To register to the meeting, go to <http://login3.axaco.se/C12571F400166B19/registrationForm?openagent&unid=4F49A0412A5778A4C1257E1400560261>. Gysinge Herrgård has only ca. 70 rooms which limits the number of participants so register as soon as possible.

The meeting will end Wednesday afternoon, but if your outgoing flight would be Thursday it is possible to stay an extra night at Gysinge. If you want to do so, indicate it on the registration form, and pay for the extra night on site.

There are still speakers slots available (presentations are 20 min + 5 min questions, except a few 40 min “keynotes”), send a mail to stefan.jansson@umu.se before June 1 and briefly explain what you would like to present. So far there is obviously a bias for speakers from Sweden and/or who are organizers, this we hope to correct. The International scientific committee will finalize the program and reserves the right to modify the lengths of the sessions and/or time slots for the individual presentations, depending on your suggestions. Participants not giving oral presentation are encouraged to present posters.

Local organizing committee

Stefan Jansson
Bengt Andersson Gull
Ove Nilsson
Harry Wu

International scientific committee

Joerg Bohlmann
Jean Bousquet
Maria Teresa Cervera
Matias Kirst
John Mackay

3rd Conifer Genome Sequencing Summit - Preliminary program

Monday Sept 28

Morning Arrival to Arlanda airport
- 10.00 Bus departure from Arlanda to Gysinge
12.00 **Registration and lunch**, put up posters

Session 1. Recent progress from major conifer genomics initiative (covering from structural to functional to population/ecological genomics aspects)

13.00 Welcome, general remarks, agenda and objectives Stefan Jansson
13.15 SmarTForests progress
13.40 Nathaniel Street (Sweden):
14.05 Maria Teresa Cervera/Carmen Diaz Sala (Spain):
14.30 Jill Wegrzyn (USA):
14.55 Sally Aitken (Canada):
15.20 Discussion

15.45 Coffee and poster viewing

Session 2. Structural/Comparative Genomics

16.15 Nicolas Delhomme (Sweden)
16.40 Speaker
17.05 Speaker
17.30 Discussion
18.00 Get together drink, poster viewing 1
19 .00 **Dinner**
ca 21 **Pub**

Tuesday Sept 29

Session 3. Functional Genomics

- 9.00 John MacKay (Canada)
- 9.45 Malin Elfstrand/Jan Stenlid (Sweden)
- 10.10 Speaker
- 10.30 Discussion
- 10.40 **Coffee** and poster viewing

Session 4. Progress in Population/Ecological Genomics/Genotyping resources

- 11.15 Matias Kirst (USA)
- 12.00 **Lunch**
- 13.00 Outi Savolainen (Finland)
- 13.25 Pär Ingvarsson (Sweden)
- 13.50 Discussion

Session 5. Genomics and applications in Tree Breeding and Conservation Genetics

- 14.15 Jean Bousquet (Canada)
- 15.00 **Coffee** and poster viewing
- 15.30 ProCoGen speaker
- 15.55 Rosario Garcia Gil (Sweden)
- 16.20 Speaker 2
- 16.45 Poster viewing
- 18.30 **Conference dinner**

Wednesday Sept. 30

Session 6. Genomics and Conifer Breeding: Examples of Integration

- 9,00 The New Zealand radiata pine breeding program?
- 9.45 ProCoGen speaker
- 10.10 Bengt Andersson Gull (Sweden)
- 10.35 **Coffee** and poster viewing
- 11.00 Speaker
- 11.25 Speaker
- 11.40 General discussion
- 12.15 Lunch

Session 6. Where do we go from here?

- 13.15 Keynote speaker
- 14.00 Concluding discussion. Bridging the genomics and conifer breeding communities: Key ingredients of success, challenges and opportunities.
- 15.30 Coffee/End of meeting

Bus transport to Arlanda

Optional extension for those wanting to stay overnight

- 16.00 Optional field trip to Nässja tree nursery OR to Färnebofjärdens national park
- 19.00 **Dinner**