

“Genome sequencing and gene discovery”

30th Jan.

16:00 – 17:00 Daniel Peterson (Mississippi State University): **Generating Gold-Standard Reference Genome Sequences: Lessons Learned, Gray Hair Earned**

31st Jan.

9:30 – 10:30 David Neale (University of California, Davis): **Pine genome sequencing project**

Break

10:40 – 11:40 Jeffrey Dean (University of Georgia): **An undiscovered country: what comparative transcriptomics tells us of gymnosperm genomes**

Break

11:50 – 12:50 Tanja Pyhäjärvi (UOULU, Finland): **Population genetics of complex plant genomes - lessons from teosinte and maize**

Lunch

14:00 – 15:00 Kermit Ritland (University of British Columbia): **Conifer genome evolution: slow but not low**

Break

15:10 – 16:10 Lieven Sterck (VIB, Belgium): **A crash course in gene and genome annotation**

Break

16:20 – 17:20 Julien Prunier / John Mackay online talk (University of Laval): **From transcriptome to gene space and functional diversity in spruce**

Over

1st Feb.

9:30 – 10:30 Doug Scofield Spruce Genome Group: **Variant calling from genome sequence data**

Break

10:45 – 11:45 Pär Ingvarsson Spruce Genome Group: **The Norway spruce genome sheds light on conifer genome evolution**

Over

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