



pictures: <https://www.parcopan.org/it/gallery/paesaggi-g8.html>

## Program of the 6<sup>st</sup> AForGEN meeting

### Wednesday June 14

Arrival at the [Villa Welsperg](#) in the Val Canali, Trentino Italy, dinner on your own

### Thursday June 15

Contributed Presentations

**8:30-9:00 Welcome and greetings** - David Neale (UC-Davis) and host institution

**9:00-10:20 Session 1** - Berthold Heinze (BFW) moderator

Christian Rellstab (WSL): Using transcriptome sequencing and exome capture to study local adaptation of the Swiss stone pine (*Pinus cembra*) at the colonization front – status quo

Santiago C. Gonzalez-Martinez (INRA): Climatic effects on fine-scale spatial genetic structure in four Alpine keystone forest trees

Zoltán Attila Köbölkuti (SZIU): Anthocyanin and tannin contents in *Pinus cembra* L. and characterisation of the genes for biosynthesis

Endre György Tóth (SZIU): Further progress in analysis of nucleotide diversity at candidate gene loci of Carpathian Scots pine populations - effects of historical demography and selection.

10:20-11:00 BREAK

**11:00-12:20 Session 2** - Maria Höhn (SZIU) moderator

Alexis Sullivan (UPSC): Does Scandinavia have an endemic spruce species?: evidence from exome capture data

Konstantin V. Krutovsky (UNI-Goettingen): Association genetics of European beech in the southern Swiss Alps and its potential adaptation to climate change: linking genetic variability with drought resistance related traits

Matúš Hrivnák (TUZVO): Variation of cytosine methylation patterns in European beech (*Fagus sylvatica* L.)

Jelena Lazarević (UNI-ME): Research on fungal biodiversity associated with alpine forests in Montenegro

12:30-1:30 LUNCH

2:00-3:20 *Session 3* - Felix Gugerli (WSL) moderator

Bertalan Lendvay (WSL): Recovery of DNA from the world's best preserved Late Glacial pine forest using novel techniques to clean wood surfaces and screen samples for the presence of endogenous ancient DNA.

Darius Kavaliauskas (ASP): "LIFEGENMON - an overview and perspectives"

Bruno Fady (INRA): to be confirmed

Berthold Heinze (BFW): *Abies alba* in Austria - project plan for genomics

3:20-4:00 BREAK

4:00-5:20 *Session 4* - Michela Troggio (FEM) moderator

Ole K. Hansen (IGN): *Abies* research and breeding in Denmark

Elena Mosca (FUB): Environmental versus geographical determinants of genetic structure in Silver fir.

Katalin Csillery (WSL-ETH): Genetic diversity and local adaptation in central and marginal silver fir populations

Giovanni G. Vendramin (IBBR-CNR): A complex evolutionary history shaped the distribution of *Abies alba* (Mill.) genetic variation along the Apennines

7:00 DINNER

## **Friday June 15**

Forest and mountain excursion

8:30 Depart from Al Cacciatore Albergo in cars, pick up bag lunch before leaving, drive to trailhead

9:00-12:00 Forest walk with an expert forester from Parco Naturale Paneveggio

12:00 PICNIC LUNCH

Afternoon, mountain hike to Rifugio Pradidali

(<http://www.rifugiopradidali.com/pradidali/Home.html>) or return to Al Cacciatore

8:00 DINNER

## **Saturday June 16**

Short presentations and discussion of silver fir genome sequencing project.

8:30-9:00 Introduction - David Neale (UC-Davis): Why are we doing this?

9:00-9:30 Reference tree, the tree, DNA preps, public access - Felix Gugerli (WSL)

9:30-10:00 Sequencing and assembly - Fernando Cruz Rodriguez (CNAG)

10:00-10:30 BREAK

10:30-11:00 Transcriptome, existing and planned resources - Berthold Heinze (BFW)

11:00-11:30 Annotation - David Neale and Michela Troggio (FEM)

11:30-12:00 Public access, database, publication, Silver fir genome sequence steering committee

12:00-12:30 Phase 2 - David Neale: What's next?

12:30-1:30 LUNCH and DEPARTURE

### **Traveling information**

#### **By plane:**

The closest airport is Venice Airport (<http://www.veniceairport.it/en/>). Then you may rent a car (<http://www.veniceairport.it/en/transport/car-rental.html> or using public transport.

Public transport from Venice Airport:

- BUS from the Airport to Venezia Mestre or Treviso

Mestre railway station: [ACTV](#) line 15 or line 25 [ATVO MESTRE EXPRESS](#) service.

Treviso: [ATVO](#) TREVISO EXPRESS.

- TRAIN from Venezia Mestre to Treviso (leaving at 9.00 am) and then from Treviso to Feltre (<http://www.trenitalia.com/tcom-en>)
- BUS from Feltre to Fiera di Primiero (bus number 501 <http://www.ttesercizio.it/Extraurbano/Primiero.aspx#topdirett>)
- BUS from Fiera di Primiero to Bivio Val Canali (bus number 503)

#### **By train:**

The closest train station is Trento and then you may rent a car

(<https://www.sixt.it/autonoleggio/italia/trento/trento-trapasso-servizi> or using public transport.

- BUS from Trento to Borgo Valsugana (bus number 401 <http://www.ttesercizio.it/Extraurbano/Valsugana.aspx#topdirett>)
- BUS from Borgo Valsugana to Arten (bus number 512 <http://www.ttesercizio.it/Extraurbano/Primiero.aspx#topdirett>)
- BUS from Arten to Fiera di Primiero (bus number 514)
- BUS from Fiera di Primiero to Bivio Val Canali (bus number 503)

The hotel offers to pick up people in Fiera di Primiero in case it is needed. David Neale will be also at the Cacciatore Hotel starting from Wednesday afternoon (39 333 4457151). For specific question on the bus time you can contact Elena ([mosca.helena@gmail.com](mailto:mosca.helena@gmail.com)).