



**To see the (Black) Forest for the trees:  
Black Forest Summer School 2015 on  
NGS data for phylogenetics  
Herzogenhorn, Sep 14<sup>th</sup> - 17<sup>th</sup>  
<http://plantco.de/BFSS2015/>**

**Preliminary Program**

Monday Sep 14<sup>th</sup>

15:15, 16:15, 17:15  
19:00  
20:15

Bus shuttles from Feldberg-Bärental train station to venue

Welcome reception with food and beverages

**Keynote lecture: "Co-occurrence of transposon activity and lack of symmetric CG methylation in the genome of a close relative of *Arabidopsis*"**

(Korbinian Schneeberger, MPIZ Cologne)

*Moss cocktail workshop*

*later*

Tuesday Sep 15<sup>th</sup>

9:00 - 9:45

**Lecture I: NGS data generation**

(Stefan Rensing, University of Marburg)

9:45 - 10:30

**Workshop I: NGS data processing and transcriptome assembly**

(Kristian Ullrich, University of Marburg)

10:30

Coffee break

10:45 - 11:30

...continuation of workshop I

11:30 - 12:00

**Lecture II: Differences between pro- and eukaryotes**

(Björn Voß, University of Freiburg)

12:00

Lunch

13:00 - 14:00

*Poster session I* with coffee

14:00 - 15:30

**Workshop II: Mapping: short read alignment to a reference**

(Korbinian Schneeberger, MPIZ Cologne)

15:45 - 16:30

**Lecture III: Principles of phylogenetics**

(Stefan Rensing, University of Marburg)

17:00 - 22:00

*Excursion*

17:00

*Departure to Rothaus*

18:00

Supper (for those not on excursion)

18:00

*Brewery excursion*

19:30

*Black Forest Food and Rothaus beer*

22:00

*Return to Herzogenhorn*

Wednesday Sep 16<sup>th</sup>

9:00 - 9:45

*Oral session I (three 12+3min talks to be selected from participant abstracts)*

9:45 - 10:30

**Workshop III: Microbiome analyses using MEGAN**

(Daniel Huson, University of Tübingen)

10:30

Coffee break & industry exhibits

10:45 - 11:30

**Workshop IV: Phylogenetic network analyses using Splitstree**

(Daniel Huson, University of Tübingen)

11:30 - 12:00

*Oral session II (two 12+3min talks to be selected from participant abstracts)*

12:00

Lunch

13:00 - 15:00

*Poster session II* with coffee & industry exhibits

15:00 - 16:30

**Workshop V: RNA-seq analyses (normalisation, differential expression, DEseq)**

(Bernd Klaus, EMBL Heidelberg)

16:45 - 17:45

**Workshop VI: How to infer my own phylogeny?**

(Stefan Rensing, University of Marburg)

18:00

Supper

*later*

*Farewell party*

Thursday Sep 17<sup>th</sup>

9:00 - 10:30

**Workshop VII: SNPs & Co.: Variant Calling**

(Micha Bayer, The James Hutton Institute)

10:30

Coffee break

10:45 - 11:45

**Round table: Annotation: GOA, RBH and more**

11:45

Prizes and concluding remarks

12:00

Lunch, end of retreat

13:30, 14:30

Bus shuttles to Feldberg-Bärental train station

Participants are highly encouraged to present their work as a short talk or in the poster sessions.

The Black Forest Summer School 2015 is organized by Plantco.de e.V. (Freiburg/Marburg, Germany) and supported by the German Botanical Society, SFB 987 and BIOSS. Further support by the companies shown below is gratefully acknowledged.

