


# To see the (Black) Forest for the trees: Black Forest Summer School on NGS data for phylogenetics

Sep 13<sup>th</sup> – 16<sup>th</sup> 2016

<http://plantco.de/BFSS2016/>



This summer school on bioinformatics is intended for MSc/PhD students and early career postdocs with molecular biology background. Expert lectures & cutting-edge workshops, secluded venue and participant presentations ensure high knowledge gain and scientific exchange. We will not teach you how to program – we will teach you how to use existing tools in order to process NGS data and to infer phylogenies.

**Registration closes July 15th; early bird deadline ends April 29<sup>th</sup>.**

## Workshops

Short read mapping  
Differential expression analysis  
Variant (SNP) calling  
Assembly of bacterial genomes  
How to do my own phylogeny

Eva Maria Willing, MPI Cologne  
Bernd Klaus, EMBL Heidelberg  
Micha Bayer, James Hutton Institute, Dundee  
Oliver Rupp, University of Gießen  
Stefan Rensing, University of Marburg

## Lectures

NGS data generation and processing  
Principles of phylogenetics  
Transcriptome assembly and annotation

## Poster & selected oral presentations

...by the participants about their own research topics;  
there will be lots of time for interaction/discussion.

## Social Events



Opening reception, brewery excursion, farewell party.



Venue: Herzogenhorn, 1400 mtrs

The Black Forest Summer School 2016 is organized by Plantco.de e.V. (Freiburg/Marburg, Germany) as a joint action with the EVOLTREE and PHYCOMORPH (COST Action FA1406) networks. Support by the companies shown below is gratefully acknowledged.

