

To see the (Black) Forest for the trees: Black Forest Summer School on next generation sequencing and phylogenetics

July 24th – 27th 2017

<http://plantco.de/BFSS2017/>



This summer school on bioinformatics is intended for MSc/PhD students and early career postdocs with molecular biology background.

Expert lectures on cutting-edge topics, secluded venue and participant presentations ensure high knowledge gain and scientific exchange. We will not teach you how to program – we will teach you which existing tools are out there to process NGS data and to infer phylogenies.

Registration closes June 27th.

Interactive Lectures

Short read mapping

Metagenome and network analyses

ChIP-seq analyses

How to infer my own phylogeny

Galaxy introduction

NGS data processing

Phylogenomics

Eva Maria Willing, MPI Cologne

Sina Beier, University of Tübingen

Ioana Lemnian, University of Halle

Stefan Rensing, University of Marburg

Anika Erxleben, University of Freiburg

Fabian Haas, University of Marburg

Julia Nauman, Pennstate/University of Dresden

Further topics

Welcome lecture on plastid genome evolution

Principles of phylogenetics

NGS basics, technology and pitfalls

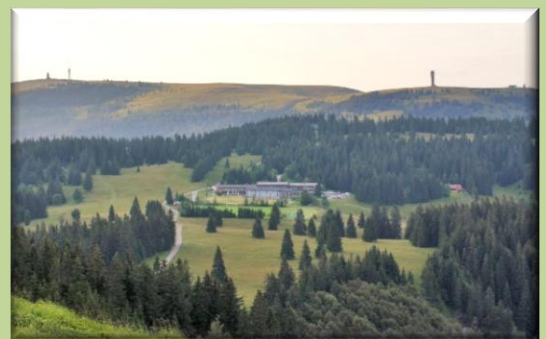
Differential expression analysis

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, lake excursion, farewell party.



Venue: Herzogenhorn, 1400 mtrs

The Black Forest Summer School 2017 is organized by Plantco.de e.V. (Freiburg/Marburg, Germany) as a joint action with the University of Marburg and EVOLTREE; support by the companies shown below is gratefully acknowledged.

