**Introduction**

We’ll start off with a quick who’s who, explain the preliminary workshop structure, discuss possible mini-workshops (sessions Tuesday-Friday) and have some cookies! This is your opportunity to get creative and help shape the workshop the way you like!

**Mini-workshops**

These are what makes the workshop so special: whether it is hands-on exercises with your favourite modeling software, sharing your secret recipe to actually accomplishing a PhD in 3 years or introducing everyone to a new alien programming language – it’s up to you! Exchange your ideas, learn new methods and share your computation challenges and experiences with fellow “sufferers”.

Current mini-workshop suggestions:

- R: project oriented workflow, speeding up your code, working with a high-performance cluster, shiny R package, handling spatial data
- Introduction to interactive use and scripting with the shell on Linux, Mac and Windows
- Reproducible project organization – good science
- Version control with Git
- Introduction to the Google Earth Engine
- Project management and PhD “survival tips”