

## Software Carpentry Workshop

The Software Carpentry workshop is a hands-on two-day event that covers the computation skills to make your research process more efficient and reproducible. Workshop participants will learn to use the Unix Shell, to programming in Python as well as to track changes and share your work using the version control system git.

The Unix shell has been around longer than most of its users have been alive. It has survived so long because it is a power tool that allows people to do complex things with just a few keystrokes. More importantly, it helps them combine existing programs in new ways and automate repetitive tasks so they are not typing the same things over and over again.

Python is a powerful general purpose language that is widely used in research. You will learn how to write small programs that can analyse your data and can perform many other tasks for you.

The version control system git can help you to keep a history of your research work. As part of the workshop you will also learn to work collaboratively on documents (e.g. software, manuscript, teaching material) using the platform Github.

For more details visit <https://software-carpentry.org/>

Instructors: Markus Ankenbrand, Konrad Förstner