

Perfecting Your Figures With Free Software

Objective

Research output is often conveyed by images and graphical illustrations, providing insights at a glance that are much more difficult to grasp in text format. There are many free software packages you can use to modify photographs and figures allowing you to optimize the presentation of your results. In this workshop, you will learn some important basics about image formats and how to use open tools to read, edit, and write image files.

Description

Why did the picture look OK on my screen, but now it looks crappy in the manuscript printout? How can I make my data graph look nice and not so pixelated? How can I change font and color in my figure without rewriting my code and running the whole analysis again?

We will start out with some basic knowledge on images and graphs. You will learn about:

- graphics file formats,
- bitmap vs. vector graphics,
- image resolution,
- color spaces,
- and other image properties

This will allow you to choose the optimal option in different situations (presentations vs. manuscripts vs. Web sites etc.). Specifically, we will look at typical journal requirements for figure files and how best to meet them.

The good thing is: In this case, it IS free lunch! Any software that will be introduced is available at no cost, so you can save some money and make sure that you will always have these tools available in the future. Nevertheless, the basic principles and methods you learn in the course will apply in a similar fashion even if you need to use other software in your lab.

Methodology

- Lectures
- Practical exercises
- Q & A

Organizational Information

Language	English
Target group	Doctoral Candidates at all stages and Postdocs from all faculties
Date	Tuesday, 1 December 2020, 10:00 – 13:00
Registration	For registration click here

Trainer



Dr. Axel Kohler

GRADE - Goethe Research Academy, Frankfurt

- GRADE deputy managing director responsible for the natural and life sciences
- Background in psychology and neuroscience