# LICHTWERKSTATT | JENA
## OPEN PHOTONICS MAKERSPACE

### workshop

**10 OCT**

**1 p.m. – 5 p.m. | Room 1 | Abbe Center of Photonics**

## Introduction to LaTeX

**BASIC**

**EN**

This workshop shows how to design technical-scientific documents in an appealing way. With LaTeX, you can achieve professional results quickly, easy, and in a user-friendly manner. In the workshop you will learn how to generate mathematical formulas, create tables, embed images or generate bibliographies.
*Please bring your laptop.

**The main topics are:**
- Basics of creating a dokument
- Document structure
- Text design, styles
- Mathematical typesetting
- Tables, lists, graphics
- Citations and references

### workshop

**11 OCT**

**1 p.m. – 5 p.m. | Room 1 | Abbe Center of Photonics**

## Introduction to python™®

**BASIC**

**EN**

Python is a general-purpose programming language that is becoming more popular for data science. The workshop teaches the basics using concrete examples. You will learn the possibilities to store data and controlling the program flow. Writing a clean and structured program code will be no problem for you after the workshop. *Please bring your laptop.

**The main topics are:**
- Basic terms
- Programming concepts
- Complex data types
- Control structures
- Functions
- Object orientation

Participation is free of charge.

**Register now**

**anmeldung@lichtwerkstatt-jena.de**

The workshops are organized and run by:

**Lichtwerkstatt Jena – Open Photonics Makerspace**
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**PAFachschaft**
Physikalisch-Astronomische Fakultät