

IEEE Workshops

When?

Wednesday
1:15 - 2:45 pm

Where?

OvGU
building 03
room 112

Who?

All interested
students

Why?

Useful for
studies and later
professional life

What else?

Registration not
required

No prior knowledge
necessary

How to Write a Good Protocol

22.04.

Not only for laboratory work, but also for research projects and in technical jobs, a correct and clear documentation of experiments and measurements in protocols is crucial. The workshop will show how frequent mistakes can be avoided. Important rules and suitable software for writing protocols will also be shown.

LaTeX for Beginners

29.04.

The workshop serves as an introduction to the popular typesetting software LaTeX to produce high quality reports. It is shown how a document is developed from scratch and how a consistent scientific document can be created by following simple rules of formatting.

Proper Plots wit LaTeX

06.05.

In scientific work, the presentation of results with the help of graphics is often decisive for the impression of the entire work. In this workshop, numerous possibilities for the creation of high-quality vector graphics are presented in LaTeX.

AI Workshop

13.05.

This workshop introduces students to the fundamentals of Artificial Intelligence, exploring what AI is and how large language models (LLMs) like ChatGPT work. Participants will discover real-world applications of LLMs across various fields, understand their limitations and learn how to use AI effectively.

MATLAB-Crash Course

20.05.

In this workshop, a basic overview of the wide capabilities of the program MATLAB will be given. This includes examples and demonstrations to the topics "desktop basics", "mathematical operations and functions", "arrays and matrices", "programming in MATLAB" and "text and characters".

First Steps in Python

27.05.

Proficiency in a programming language is required in almost every engineering activity. In this workshop, first steps in dealing with Python as well as the available mathematical and graphic libraries are presented by using simple examples.

Advanced Python Course

03.06.

Based on the "First Steps in Python" Workshop, some useful Python libraries are examined in more detail. In addition, helpful tips for the efficient programming of more complex programmes are also provided. Basic Python knowledge is required.

Electric Circuit Simulation with Qspice

17.06.

How to use a circuit simulator is something that every electrical engineer should be aware of, even if there is no specific university lecture about this. In this workshop, you will get used to Qspice, a freeware circuit simulator that is small and simple to use, yet very powerful in its applications.



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