

Workshop series for winter semester 2016/2017

In this winter semester, the IEEE Student Branch presents a series of workshops on topics, which are important for studies in any subject close to electrical engineering and thus, can be very useful. The tutorials and workshops will be held every two weeks **on Wednesday 13-15 pm (odd week) in G03-R112.**

Registration for individual events should be done in advance via e-mail to ieee-sb@ovgu.de.

LaTeX for Beginners

M.Sc. Christian Bednarz

The workshop serves as an introduction to the popular typesetting software to produce i.a. quality reports. In 90 minutes, the basics of working with LaTeX will be presented interactively. It shows how a document is developed from scratch and how a consistent, scientific document can be created by following simple rules of formatting.

26.10.

Dr.-Ing. Mathias Magdowski

How to Write a Good Protocol

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

09.11.

Efficient Plotting with MATLAB - No Witchcraft!

M.Sc. Lars Middelstädt

A clear and uniform presentation of measurements or simulation results is essential for scientific work. In the workshop, important aspects of plotting are discussed. Using MATLAB, the automated creation of plots is shown demonstratively and interactively. Furthermore, this fundamental procedure can be applied to different visualization software.

23.11.

M.Sc. Eric Glende

MATLAB - Crash Course

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".

07.12.

Python as Practical Assistance

Dipl.-Ing. Ulrich Schumann

With script languages, many tasks can be automated. In the workshop, the script language Python will be presented and especially the available math library as well as libraries for graphical representation will be highlighted. On the basis of examples, the possibilities of optimization and common pitfalls are demonstrated.

18.01.