

## LaTeX Workshops

The GC will offer three workshops on typesetting with LaTeX, held by our LaTeX expert Martin Schwietzke. One will be introductory and two advanced. All GC students and DIW staff are invited to participate!

### **Session 1:**

Friday, June 21  
9:30 – 12:00  
Pigou Room (1.2.027)

### **Session 2:**

Friday, July 5  
9:30 – 12:00  
Schmoller Room (1.2.026)

### **Session 3:**

Friday, July 19  
9:30 – 12:00  
Schmoller Room (1.2.026)

The sessions are designed to build upon each other, but each deals with specific topics that are detailed below. You are welcome to pick the session(s) that best fit your interests and level of LaTeX proficiency.

The workshops will be hands-on, so please bring your laptop with LaTeX installed on it. Installation instructions for any operating system (Windows, OSX, Linux) can easily be found on the web. If you have trouble installing it don't hesitate to contact Martin (-416, [mschwietzke@diw.de](mailto:mschwietzke@diw.de)). He is also happy to answer any question related to LaTeX in general and to his workshops in particular.

If you don't have any experience with LaTeX don't be afraid and give it a try. It can save you a lot of time preparing your scientific publications once you got into it.

### **Contents of Session 1**

The first session will be for absolute novices and covers the basic topics for preparing documents in LaTeX.

- Basic syntax (“Hello World!”, document classes, packages, environments, comments, groups)
- Paragraphs, justification, indentation, language package, baseline skipping
- Formats, citations, footnotes, fonts, special characters
- Table of contents, table of lists, table of figures
- Formulas
- Tables, lists, graphics
- Structure your document and files

### **Contents of Session 2**

In the second session Martin will show you how to use the DIW-LaTeX templates he made for us.

- DIW Beamer template (display options, create hand-outs in a few seconds, beamerarticle)
- DIW Poster template
- DIW Dissertation template

### **Contents of Session 3**

The last session will cover somewhat more advanced topics.

- How to easily create a bibliography (BibTeX, BibLaTeX, Biber)
- How to easily create an index
- LaTeX and STATA
- LaTeX and R (Sweave, knitR)