

Master's thesis

**This shall be a great thesis paper with an
extremely long title but who cares**

Some theses even have subtitles

by
Philipp Tempel

Graduate Program
Technische Kybernetik

Examiner
Jun.-Prof. Dr.-Ing. Andreas Pott

Supervisor
Dipl.-Ing. Philipp Tempel

Date
July 9, 2015

Institute for Control Engineering of Machine Tools and Manufacturing Units, University of
Stuttgart, Seidenstr. 36, 70174 Stuttgart

Masterarbeit

**This shall be a great thesis paper with an
extremely long title but who cares**

Some theses even have subtitles

vorgelegt von
Philipp Tempel

Studiengang
Technische Kybernetik

Prüfer
Jun.-Prof. Dr.-Ing. Andreas Pott

Betreuer
Dipl.-Ing. Philipp Tempel

Datum
09.07.2015

Contents

List of Figures	7
List of Tables	9
1 The short title of the chapter showing up in the TOC and the page headers	11
1.1 A very first section	11
1.2 Referencing	13

List of Figures

- 1.1 A sample figure to show the effect of a loooong looooong caption. Credits
by <https://www.flickr.com/photos/schubi74/14942249547/>. 12

List of Tables

Chapter 1

The very first chapter with a very long title just to see what it looks likes since it also spans multiple lines in the ToC

1.1 A very first section

```
\begin{figure}
  \centering
  \includegraphics[width=\linewidth, keepaspectratio=true]{%
    {placeholder/14942249547_f7f1d3e8bd_k}
  \caption{A sample figure to show the effect of a loooong loooooong caption. %
    Credits by \url{https://www.flickr.com/photos/schubi74/14942249547/}.}
  \label{fig:sample-figure}
\end{figure}
```

Listing 1.1 Sample code for Fig. 1.1

For figures the guidelines are:

- Always center images using `\centering` as the very first command of the `figure`-environment.
- Make sure to set the width of your included images explicitly using the `width=\linewidth` option.
- Don't forget to keep the aspect ratio of images if you change their width.
- Never ever under sample images. In other words: never ever enlarge images.
- It's best to use vector graphics i.e., `*.eps` or `*.tikz` for proper quality in both PDFs as well as on screen.
- Add a caption to your image. Captions must be below the image.



Figure 1.1 A sample figure to show the effect of a loooong loooooong caption. Credits by <https://www.flickr.com/photos/schubi74/14942249547/>.

- Let the labels be handled automatically by L^AT_EX. A best practice is to set the prefix of figures' labels to `fig:`.
- For a good example see Fig. 1.1 and its code at Listing 1.1 (this reference was created using the `\cref{}` command).
- Always add a full stop to your figure captions like so.

1.2 Referencing

Referencing may be done using `\ref{label}` even though usage of `\cref{label}` is encouraged for that it automatically typesets the appropriate type like `Eqn.` or `Fig.`, `Tbl.`, or `Listing` to whatever is being reference. At the beginning of a sentence `\Cref{label}` must be used to fully the referenced type in words. Figure 1.1 refers to a sample figure at the beginning of a sentence, while Fig. 1.1 refers to a sample figure in text.

- Capitalise and write in words the reference object at the beginning of a sentence
- Otherwise use the abbreviated forms of `Fig.`, `Eqn.`, and `Tbl.` for referencing figures, equations, and tables, respectively
- Refer to the `cleveref` package documentation at <http://www.ctan.org/pkg/cleveref>