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 12, 2015

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
12.07.2015

Institut für Steuerungstechnik der Werkzeugmaschinen und Fertigungseinrichtungen,
Universität Stuttgart, Seidenstr. 36, 70174 Stuttgart

Contents

List of Figures

List of Tables

Chapter 1

The Very First Chapter With a Very Long Title Just to See What it Looks Like Since it Spans Multiple Lines in the ToC

Chapter 2

A Second Chapter

2.1 A First Section

2.1.1 A Sample Subsection

A Sample Subsubsection

A Sample Paragraph

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

Listing 2.1 Sample code for Fig. 2.1

A Sample Subparagraph 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 2.1 A sample figure to show the effect of a loooong looooong caption. Credits by `https://www.flickr.com/photos/schubi74/14942249547/`.

- Let the labels be handled automatically by LaTeX. A best practice is to set the prefix of figures' labels to `fig:`.

- For a good example see Fig. 2.1 and its code at Listing 2.1 (this reference was created using the `\cref{}` command).

- Always add a full stop to your figure captions like so.

2.2 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 2.1 refers to a sample figure at the beginning of a sentence, while Fig. 2.1 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`