



European Master of Science  
in Nuclear Fusion and Engineering Physics

**Template for a Master Thesis to Obtain the Title Master  
of FUSION-EP with a very long thesis title indeed  
spanning 3 lines**

Master Thesis  
presented by

**Stella Tokaya**

Thesis Supervisor  
Super Visor  
University of Awesome

February 19, 2023





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# Abstract

In this ideally *half-page* but at most one-page abstract, describe what you have done, why you did it, and what the result was. Many readers of your thesis will read the title and the abstract to decide whether it is worth their time to read any further, so take great care in writing a compelling text. Furthermore, you will be graded on the quality of your abstract.



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# Chapter 1

## Introduction

These pages give guidance for the layout of the master thesis in the Erasmus mundus program. A basic knowledge of  $\LaTeX$  is assumed. A good introduction can be found at

<http://www.ctan.org/get/info/lshort/english/lshort.pdf>

Use something like 'pdflatex' or 'xelatex' to typeset the document, to generate a PDF file directly. In the previous century, the default was to generate a DVI file. Fortunately, we live in more enlightened times now. Your  $\LaTeX$  writing environment software probably takes care of this already.

Enter special characters directly as UTF-8 Unicode: çèèàò ÇÉÈÀÔ äääë üúíóö áβιϵø æœ©®ñμ  
ÄÅËË ÜÚÍÓÖ ÁŞİĲØ ÆĲœ®Ñμ

Normally use  $\TeX$   $\backslash$ lambda etc. for Greek letters.

### 1.1 Semantic Markup

The

```
\thesistitle{Template for a Master Thesis to Obtain the Title Master of FUSION-EP wi  
\studentname{Stella Tokaya}  
\thesisdate{February 18th, 2023}  
% enter a single supervisor like this:  
\singlesupervisor{Super Visor\\University of Awesome}
```

Use  $\backslash$ multisupervisors,  $\backslash$ singlepromoter,  $\backslash$ multipromoters as needed.



# Chapter 2

## Figures

Figures should be included in pdf or png format. Use jpg only when including photos or pictures of natural scenes. The jpg format produces ugly artifacts when used on line graphics like the plot in figure 2.1 ← marvel at the automatically generated figure reference.

All labels should be easily readable. Lines and symbols should not be distinguished by colour alone. Titles on top of the figures are not needed, all explanations should be indicated in the captions.

### 2.1 You can (and should) have sections inside chapters

As an example you find a reasonable representation in Fig. 2.1 (use “Fig.” or “figure”, but be consistent).

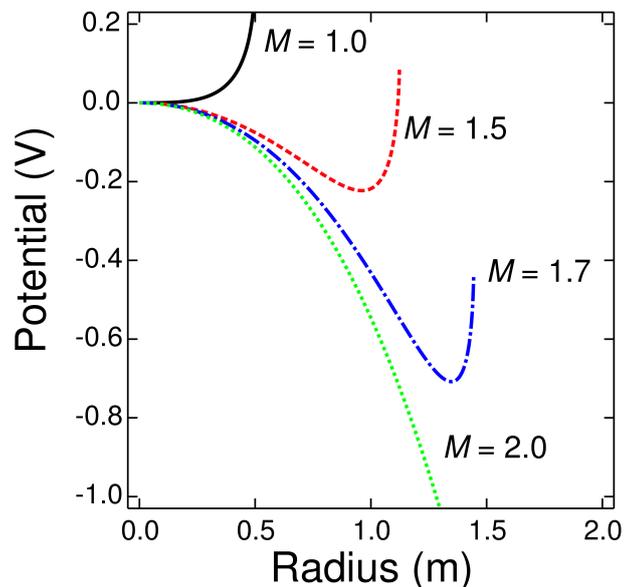


Figure 2.1: Calculated potential, note how the bright green line for  $M = 2.0$  is hard to see on a white background. So do not do that.



# **Chapter 3**

## **More Chapters**



# **Chapter 4**

## **More Chapters**



## **Chapter 5**

### **Conclusions and Future Work**



# Chapter 6

## How to Cite References

References are best stored in a database as BibT<sub>E</sub>X. Then you call them in the text as Ref. [1].

- The entry for this reference looks like this

```
@article{One2007,  
  author = {A. One and B. Two and C. Three},  
  title = {An example with {PROTECTED CAPITALISATION}},  
  journal = {Plasma Phys. Contr. Fusion},  
  volume = 40,  
  number = 1,  
  pages = 7,  
  year = 2007,  
  doi = {2345/2356/345},  
}
```

and it is cited as Ref. `~\cite{One2007}`.

- The doi entry results in a clickable link in the bibliography. Try it.
- If you want to quote multiple references as e.g. in Refs. [1, 2], then put them into the same brackets.
- Either you or your L<sup>A</sup>T<sub>E</sub>X writing software will run `pdflatex` and `bibtex` on your file to generate the citations.
- If you copy a figure or quote some other data, you also have to put a reference to it. Or you write “for a review see Ref. [3] or the textbook of Chandrasekhar [4].”
- Note that BibT<sub>E</sub>X is older than the trees<sup>1</sup> and therefore predates foreign languages. That is why it is necessary to write ü as `{\“u}` and accordingly for other non-USA letters.

---

<sup>1</sup>Citation needed



# Bibliography

- [1] A. One, B. Two, and C. Threë. An example with PROTECTED CAPITALISATION. *Plasma Phys. Contr. Fusion*, **40** (2007) (1) 7. URL <http://dx.doi.org/2345/2356/345>
- [2] C. S. A. Four, B. Five et al. The ERASMUS reference example. In *Proc. of the 25<sup>th</sup> Europ. Conf. on Controlled Fusion and Plasma Physics, Praha*, p. 749. IAEA, Vienna, 1998
- [3] A. A. Galeev and R. Z. Sagdeev. *Neoclassical theory of diffusion*, volume 6, p. 311. Wiley, New York, 1976
- [4] S. Chandrasekhar. *Hydrodynamic and Hydromagnetic Stability*. Oxford University Press, London, England, 1961



# **Appendix A**

## **An Appendix if you want**

Relevant material that did not make the cut for the main text.



# Acknowledgements

Here I would like to thank those who have helped...

Note: Do not leave in sample text.



# Declaration in lieu of oath

I am aware that plagiarism is not consistent with academic and research ethics. I declare in lieu of oath that all the work presented in this report, which is not cited in the text or by references, is my own work.

City, country, the

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Stella Tokaya

# Copyright Agreement

I hereby grant the FUSION-EP consortium the non-exclusive right to publish this work.

I declare that this work is free of copyright claims of third parties.

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