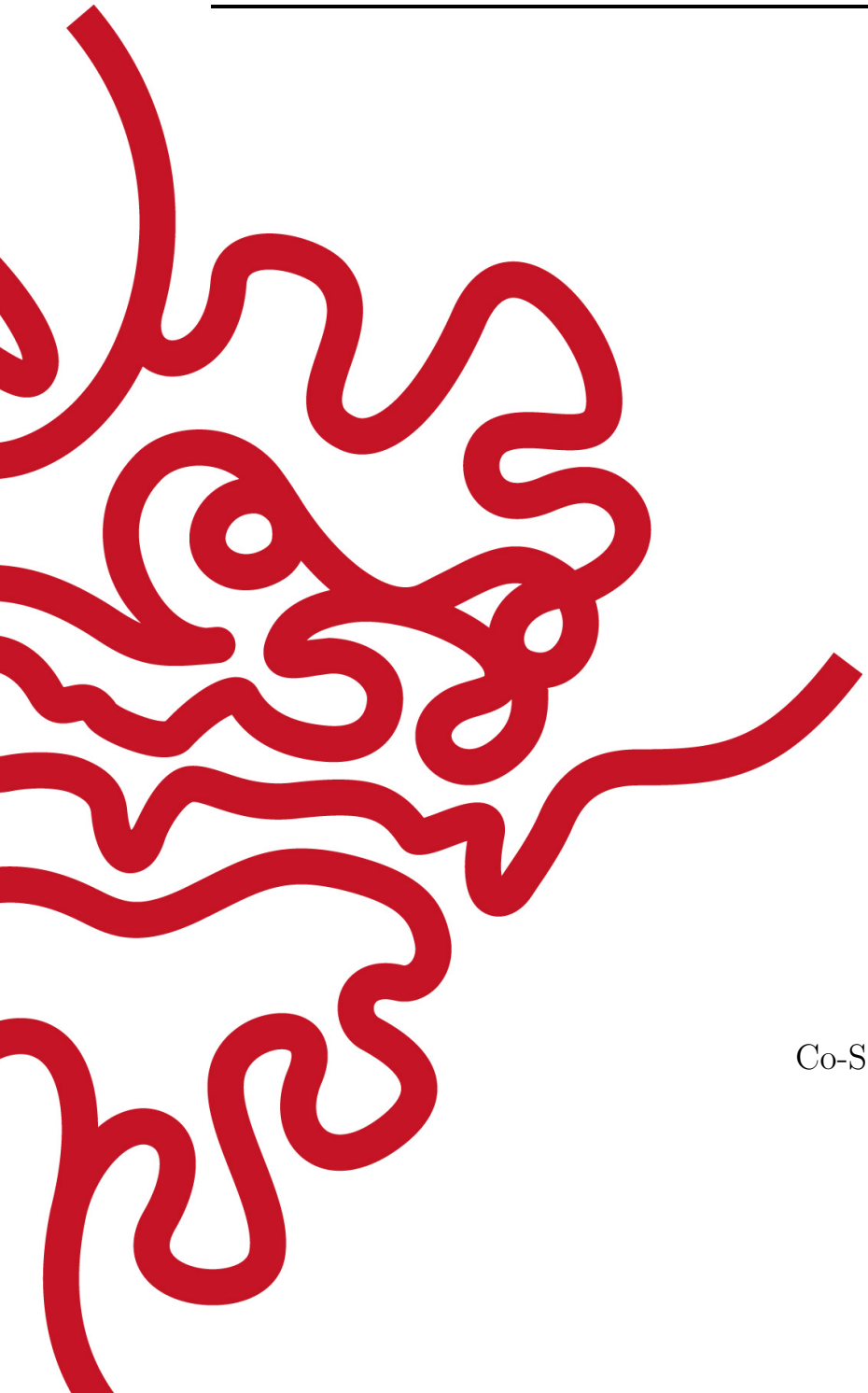
Okinawa Institute of Science and Technology
Graduate University

PhD Thesis Proposal

LaTeX thesis (proposal) template



by

Your name

Supervisor: **S. Upervisor**
Co-Supervisor: **C. O'Supervisor**

August 2025

Abstract

The abstract must fit in one page.

Table of Contents

Chapter 1

Guidelines on Format and Content

You will find the most recent version of the guidelines for the thesis proposal in Section 5 of the Graduate School Policies: `https://www.oist.jp/education/policies-regulations/gs-policies`.

In case these requirements change, the exact version of the formatting requirements to which this template adheres can be found here: `https://web.archive.org/web/20250826015151/https://www.oist.jp/education/policies-regulations/gs-policies`.

All requirements for page size, margins, fonts, and line spacing are built-in into this template.

For the bibliography, we recommend using BibTeX or BibLaTeX and through the file `Preamble/Thesis_bibliography.bib` and referencing citations like this [1–3].

Chapter 2

How to Use the Template

This is a practical guide into how to use this template, by explaining the role of the different folders and files. The basic structure of this folder should look like:

```
|-- Thesis_proposal.tex
|-- Images/
|-- MainText/
  |-- chapter1.tex
  |-- chapter2.tex
  |-- chapter3.tex
|-- Preamble/
  |-- mydefinitions.tex
  |-- abstract.tex
  |-- physics_bibstyle.bst
  |-- Thesis_bibliography.bib
```

If some practices seem like overkill for a 20 page proposal (splitting the content across different files), that is because it probably is, but we built it this way because the PhD thesis template is structured identically. That means that you will be able to incorporate this document into your thesis seamlessly.

2.1 The `Preamble` Folder

You should edit the basic information about the thesis proposal which can be found in the file `Preamble/mydefinitions.tex`. This includes your name, the name of supervisor (and co-supervisor, if applicable) your title, and the date.

This file also contains the bibliography settings, custom packages, and any custom

commands that you many want to use. The default bibliography style is defined in `Preamble/physics_bibstyle.bst`, which was created by Jeremie Gillet in 2011 for his thesis. Feel free to swap this file out with a style more suited to your field, and be sure to change the file name in `Preamble/mydefinitions.tex` (line 19). By default, the bibliography file containing your references is `Preamble/Thesis_bibliography.bib`, so you should replace this file with your own version. If you'd like to store your bibliography information somewhere else (for example, if you have one master file for all of your LaTeX projects) you can edit the appropriate section in `Thesis_proposal.tex` (should be around line 140).

You should write your abstract in the file `Preamble/abstract.tex`. This should not be longer than a single page.

2.2 The MainText Folder

For the thesis proposal, the main text should be split across three chapters: the introduction and literature review, the research plan, and the progress report. Each of these chapters should be written in a standalone file located in the `MainText` folder, for example:

```
|-- MainText/
   |-- chapter1.tex
   |-- chapter2.tex
   |-- chapter3.tex
```

If you'd like to rename or add new files, make sure to change where they are referenced in `Thesis_proposal.tex` (around line 125). If you wanted to add an appendix, you would create a new file in `MainText/`, though add them to `Thesis_proposal.tex` around line 150 instead. Your thesis may have several other chapters here, for example, Conclusions.

2.3 The Images Folder

All the images that you will use in your thesis should be placed in the `Images` folder. This can contain subfolders, for example one for each chapter. To include an image from the main text, use something like `\includegraphics{subfolder/image.jpg}`; no need to worry about the path to the `Images` folder.

2.4 The Thesis_proposal.tex File

This is the main TeX file that takes input from all of the previously discussed files in the `Preamble` and `MainText` folders. To generate your document, this is the file you should compile. Compile once with LaTeX, once with BibTeX and finally twice more with LaTeX to get all the references right.

You probably won't need to edit this file very much, but in case you are looking for a specific setting or something, the following settings are defined in this file:

- Basic packages
- Loading of in custom values from `Preamble/mydefinitions.tex`
- Title page
- Headers and footers
- Table of Contents
- Thesis main text import
- Bibliography file (not style)
- Appendices

Chapter 3

Figures, tables and images

3.1 Figures

Refer to figure like this: Figure 3.1 or this (Fig. 3.1). If you want to include a list of figure, you can use a short version of the caption as shown in Figure 3.1.

3.2 Tables

Refer to tables this this: Table 3.1.

Figure 3.1: Short caption (if wanted). Full caption with all the details here.

This secret image won't be numbered and won't appear in the List of Figures because of the *

Table 3.1: Short heading for the List of Tables.

Parameter	Value
Δ	0, 150
α	85
ϵ	6
κ	6.8
γ	0.2

Full caption with all the details here.

Parameter	Value
Δ	0, 1500
α	850
ϵ	60
κ	68
γ	2

This secret table won't be numbered and won't appear in the List of Figures because of the *

Bibliography

[1] H. Lee and M. Scully, *The Physics of EIT and LWI in V-Type Configurations*, Found. Phys. **28**, 585–600 (1998).

[2] M. Mücke, E. Figueroa, J. Bochmann, C. Hahn, K. Murr, S. Ritter, C. J. Villas-Boas, and G. Rempe, *Electromagnetically induced transparency with single atoms in a cavity*, Nature **465**, 755–758 (2010).

[3] H. Kramers, *Scattering of light by atoms*, Atti Cong. Intern. Fisica Como **2**, 545–557 (1927).

Appendix A

About Appendices

Appendices are optional and should only be used if necessary.