



University Institute of Lisbon

School of Technology and Architecture
⟨PhD Program Name⟩

**A Very Long and Impressive
Thesis Title with a Forced Line Break**

John Very Longname Doe

Thesis submitted in partial fulfillment
of the requirements for the degree of

Doctor of Philosophy in
⟨PhD Program Name⟩

Adviser: **Mary Doe Adviser Name**
Full Professor, NOVA University Lisbon

Co-advisers: **John Doe Co-Adviser Name**
Associate Professor, NOVA University Lisbon

John Doe other Co-Adviser Name
Full Professor, NOVA University Lisbon

⟨month⟩, ⟨year⟩

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Dedicatory lorem ipsum.

ACKNOWLEDGEMENTS

Acknowledgments are personal text and should be a free expression of the author.

However, without any intention of conditioning the form or content of this text, I would like to add that it usually starts with academic thanks (instructors, etc.); then institutional thanks (Research Center, Department, Faculty, University, FCT / MEC scholarships, etc.) and, finally, the personal ones (friends, family, etc.).

But I insist that there are no fixed rules for this text, and it must, above all, express what the author feels.

*“You cannot teach a man anything; you can only help him
discover it in himself.” (Galileo)*

ABSTRACT

Regardless of the language in which the dissertation is written, a summary is required in the same language as the main text and another summary in another language. It is assumed that the two languages in question are Portuguese and English.

The abstracts should appear first in the language of the main text and then in the other language. For example, if the dissertation is written in Portuguese the abstract in Portuguese will appear first, then the abstract in English, followed by the main text in Portuguese. If the dissertation is written in English, the abstract in English will appear first, then the abstract in Portuguese, followed by the main text in English.

In the L^AT_EX version, the NOVAthesis template will automatically order the two abstracts taking into account the language of the main text. You may change this behaviour by adding

```
\abstractorder(<MAIN_LANG>):={<LANG_1>, . . . ,<LANG_N>}
```

to the customization area in the document preamble, e.g.,

```
\abstractorder(de):={de,en,it}
```

The abstracts should not exceed one page and, in a generic way, should answer the following questions (it is essential to adapt to the usual practices of your scientific area):

1. What is the problem?
2. Why is this problem interesting/challenging?
3. What is the proposed approach/solution?
4. What results (implications/consequences) from the solution?

Keywords: Keyword 1, Keyword 2, Keyword 3, ...

RESUMO

Independentemente da língua em que a dissertação esteja redigida, é necessário um resumo na mesma língua do texto principal e outro resumo noutra língua. Pressupõe-se que as duas línguas em questão sejam o português e o inglês.

Os resumos devem aparecer primeiro na língua do texto principal e depois na outra língua. Por exemplo, se a dissertação for redigida em português, o resumo em português aparecerá primeiro, seguido do resumo em inglês (*abstract*), seguido do texto principal em português. Se a dissertação for redigida em inglês, o resumo em inglês (*abstract* aparecerá primeiro, seguido do resumo em português, seguido do texto principal em inglês).

Na versão L^AT_EX o template NOVAthesis irá ordenar automaticamente os dois resumos tendo em consideração a língua do texto principal. É possível alterar este comportamento adicionando

```
\abstractorder(<MAIN_LANG>):={<LANG_1>, . . . ,<LANG_N>}
```

à zona de customização no preâmbulo do documento, e.g.,

```
\abstractorder(de):={de,en,it}
```

Os resumos não devem ultrapassar uma página e, de forma genérica, devem responder às seguintes questões (é essencial adaptá-los às práticas habituais da sua área científica):

1. Qual é o problema?
2. Porque é que é um problema interessante/desafiante?
3. Qual é a proposta de abordagem/solução?
4. Quais são as consequências/resultados da solução proposta?

Palavras-chave: Palavra-chave 1, Palavra-chave 2, Palavra-chave 3, ...

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GLOSSARY

ACRONYMS

DI Department of Computer Science and Informatics [1](#)

FCT NOVA School of Science and Technology [1](#)

NOVA NOVA University Lisbon [1](#)

NOVAtesis NOVAtesis LaTeX template [1](#), [6](#), [7](#)

S Y M B O L S

INTRODUCTION

This work is licensed under the [LaTeX Project Public License v1.3c](#). To view a copy of this license, visit [LaTeXprojectpubliclicense](#).

This is the NOVAthesis L^AT_EX template version v6.3.1 from 2021-04-16.

1.1 If You Use this Template...

This Chapter presents an introduction to the template and how it is organized. In the next chapter you can find some specific instructions. Please read the next sections carefully.

Someone spent a few dozens of hours working on this template to make your life easier and to allow you to be more productive. Those working hours were not paid and were “stolen” from family. If you use this template, please go to the [project web page in GitHub](#) and:

1. Cite it [1] in your thesis/dissertation with “\cite{novatheresis-manual}”, any place you think it makes sense. If you cite it this way, the correct entry will be added automatically to your bibliography (there no need to add it to your BibTeX file);
2. Give the project a star (marked with a red ellipse at the top-right in Figure 1.1); and
3. Make a small donation (marked with a red ellipse at the bottom-left in Figure 1.1).

1.2 The NOVAthesis template

The NOVAthesis L^AT_EX template (NOVAthesis) was initially directed to the PhD and MSc students thesis at Department of Computer Science and Informatics (DI) of the NOVA School of Science and Technology (FCT) of the NOVA University Lisbon (NOVA), Portugal, but currently it supports other Universities and Schools, namely:

CHAPTER 1. INTRODUCTION

NOVA University Lisbon



NOVA School of Science and Technology [PhD] ([FCT-NOVA](#))



NOVA School of Science and Technology [MSc] ([FCT-NOVA](#))



NOVA School of Social Sciences and Humanities ([FCSH-NOVA](#))



NOVA Information Management School ([NOVA-IMS](#))



National School of Public Health ([ENSP-NOVA](#))

University of Lisbon



Instituto Superior Técnico ([IST-UL](#))



Faculdade de Ciências [PhD] ([FCUL](#))



Faculdade de Ciências [MSc] ([FCUL](#))

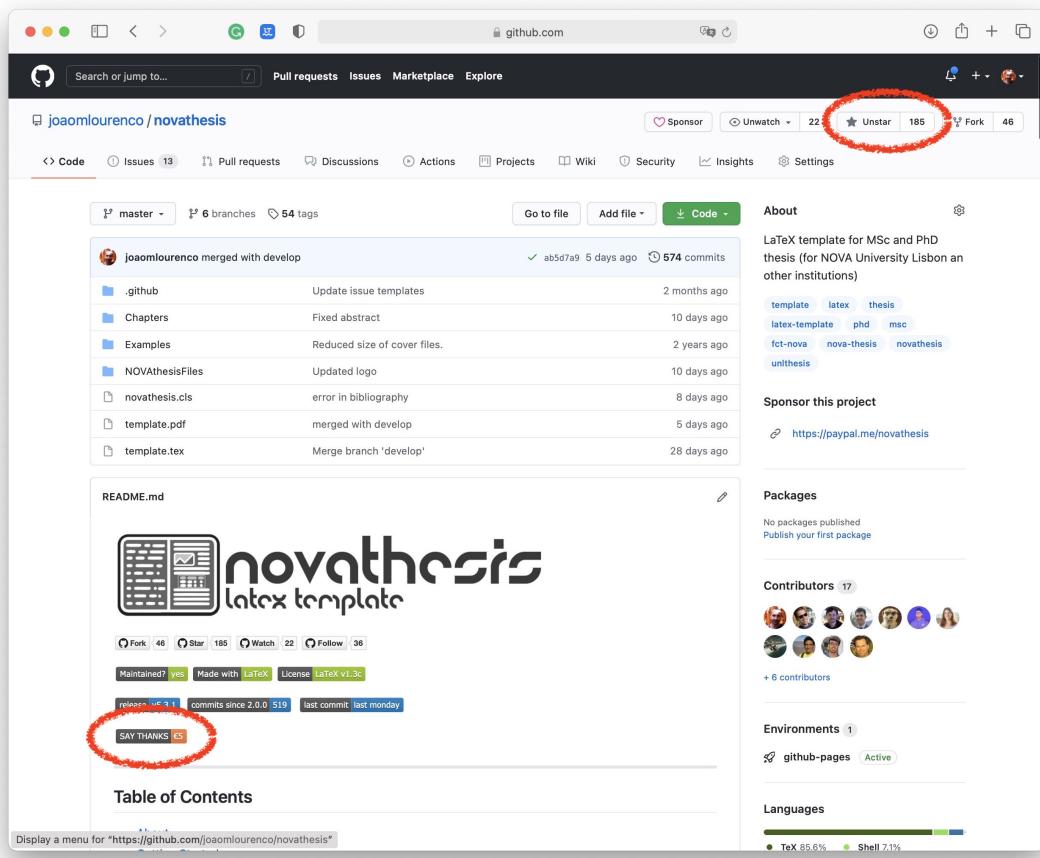


Figure 1.1: The NOVAthesis project web page in GitHub.



CHAPTER 1. INTRODUCTION



Escola de Economia e Gestão ([EEG-UM](#))



Escola de Engenharia ([EE-UM](#))



Escola de Medicina ([EM-UM](#))



Escola de Psicologia ([EP-UM](#))



Escola Superior de Enfermagem ([ESE-UM](#))



Instituto de Ciências Sociais ([ICS-UM](#))



Instituto de Educação ([IE-UM](#))



Instituto de Letras e Ciências Humanas ([ILCH-UM](#))



Instituto de Investigação em Biomateriais, Biodegradáveis e Biomiméticos ([I3B-UM](#))



Escola de Tecnologias e Arquitectura ([ETA-ISCTE-IUL](#))

Instituto Politécnico de Lisboa



Instituto Superior de Engenharia de Lisboa ([ISEL-IPL](#))

Instituto Politécnico de Setúbal



Escola Superior de Tecnologia de Setúbal ([ISEL-IPL](#))

Other Universities/Schools/Degrees



Escola Superior de Enfermagem do Porto ([ESEP](#))



Masters Program in Geospatial Technologies ([GT](#))

1.3 Getting Started

The template provides an *easy to use* setting for you to write your thesis/dissertation in \LaTeX :

- Select your school;
- Fill your thesis metadata (title, research field, etc) in the file “`template.tex`”;

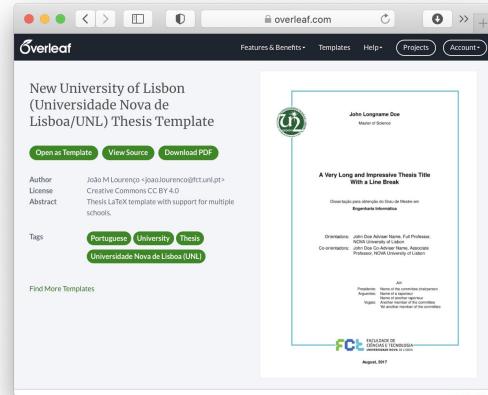
- Create your thesis/dissertation contents using the files in folder “Chapters”; and
- Process using you favorite L^AT_EX processor.

1.3.1 Using Overleaf

If you do not have an account in Overleaf, you must [create one first](#).

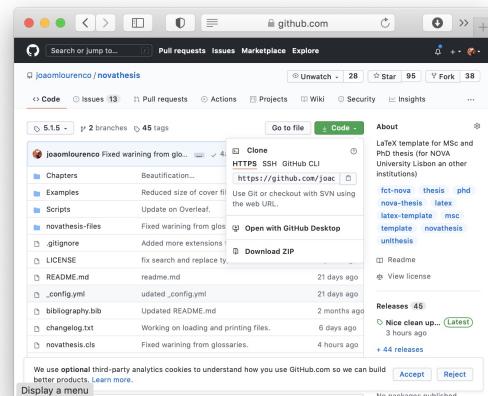
Once you have an account, please access the NOVAthesis L^AT_EX template in Overleaf and select the green button *Open as Template*.

Please note that the version currently available in Overleaf (v4.1.3) is outdated. A new version will be submitted to Overleaf soon.



1.3.2 Using a Local L^AT_EX Installation

Just access the NOVAthesis L^AT_EX template in GitHub, select the green button *Code* and then *download* (or *clone*) the template. You will always get the latest version of the template (currently v5.1.8).



1.4 Getting Help

Please do not send me emails! I will not answer them!

1.4.1 Google

Remember, when looking for hints or help, *Google is your best friend!* And if you prefix your Google query with “*L^AT_EX*”, your fist link will most probably direct you to tex.stackexchange.com.

1.4.2 Group Support

To get directed help on the NOVAthesis L^AT_EX template please join:

- the NOVAthesis Facebook group, or
- the NOVAthesis Google group.

There were huge changes from version 4.x.y to version 5.a.b so, please, **always** state the version number you are using when asking for help.

1.4.3 Reporting Problems

If you just need some help, see above [Subsection 1.4.1](#) and [Subsection 1.4.2](#).

If you believe *you found a bug* or if *you need some improvement* in the template, please fill an issue in [github](https://github.com/joaomlourenco/novathesis/issues) at <https://github.com/joaomlourenco/novathesis/issues>.

1.5 Donations

This template is the result of hundreds (yes! *may hundreds!*) of hours of work from the [main developer](#). If you think this template really made your life easier while writing your thesis, please consider [making a donation](#). We will keep a list thanking to all the identified donors that identify themselves in the “*Add special instructions to the seller*” box.

Donors 2020

João Carvalho, David Romão, DisplayersereStream, and António Estêvão.

Donors 2019

Jorge Barreto and Raissa Almeida.

1.6 Disclaimer

Although this template is endorsed by the FCT-NOVA and even [linked from its web site](#), this is still not an official template. This template exists to make your life easier and we do our best to make the [NOVAtesis](#) template compliant to the supported Schools’ regulations, but in the end of the line you and only you are accountable for both the look and the contents of the document you submit as your thesis/dissertation.

BIBLIOGRAPHY

- [1] J. M. Lourenço. *The NOVAthesis L^AT_EX Template User's Manual*. NOVA University Lisbon. 2021. URL: <https://github.com/joaomlourenco/novathesis/raw/master/template.pdf> (cit. on p. 1).

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(year)