UNIVERSIDADE DE LISBOA

INSTITUTO SUPERIOR TÉCNICO

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

John Longname Doe

Dissertação para obtenção do Grau de Doutor em

Engenharia Informática e de Computadores

Orientadora:	Mary Doe Adviser Name, Full Professor, NOVA University Lisbon
Coorientadoras:	John Doe Co-Adviser Name, Associate Professor, NOVA University Lisbon
	John Doe other Co-Adviser Name, Full Professor, NOVA University Lisbon

Júri:

Presidente:	Name of the committee chairperson, Full Professor, FCT-NOVA
Arguentes:	Name of a rapporteur, Associate Professor, Another University
	Name of another rapporteur, Assistant Professor, Another University
Orientador:	name of the adviser present in defense, Associate Professor, University
Vogal:	Yet another member of the committee, Full Professor, Another University

⟨**month**⟩, ⟨**year**⟩

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

Copyright © John Longname Doe, Instituto Superior Técnico, Universidade de Lisboa.
O Instituto Superior Técnico e a Universidade de Lisboa têm o direito, perpétuo e sem limites geográficos, de arquivar e publicar esta dissertação através de exemplares impressos reproduzidos em papel ou de forma digital, ou por qualquer outro meio conhecido ou que venha a ser inventado, e de a divulgar através de repositórios científicos e de admitir a sua cópia e distribuição com objetivos educacionais ou de investigação, não comerciais, desde que seja dado crédito ao autor e editor.

Dedicatory lorem ipsum.

Agradecimentos

The acknowledgements. You are free to write this section at your own will. However, usually it starts with the institutional acknowledgements (adviser, institution, grants, workmates, ...) and then comes the personal acknowledgements (friends, family, ...).

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

Resumo

Independentemente da língua em que está escrita a dissertação, é necessário um resumo na língua do texto principal e um resumo noutra língua. Assume-se que as duas línguas em questão serão sempre o Português e o Inglês.

O *template* colocará automaticamente em primeiro lugar o resumo na língua do texto principal e depois o resumo na outra língua. Por exemplo, se a dissertação está escrita em Português, primeiro aparecerá o resumo em Português, depois em Inglês, seguido do texto principal em Português. Se a dissertação está escrita em Inglês, primeiro aparecerá o resumo em Inglês, depois em Português, seguido do texto principal em Inglês.

O resumo não deve exceder uma página e deve responder às seguintes questões:

- Qual é o problema?
- Porque é que ele é interessante?
- Qual é a solução?
- O que resulta (implicações) da solução?

E agora vamos fazer um teste com uma quebra de linha no hífen a ver se a LaTeX duplica o hífen na linha seguinte...

zzzz zzz zzzz zzz zzzz zzz zzzz zzz zzzz zzz zzzz zzz zzzz zzz zzzz zzz zzzz comentar--lhe zzz zzzz zzz zzzz

Sim! Funciona! :)

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

Abstract

The dissertation must contain two versions of the abstract, one in the same language as the main text, another in a different language. The package assumes that the two languages under consideration are always the main language and English. And if the main language is English, it assumes English and Portuguese. You may change this behaviour by adding

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

e.g.,

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

The package will sort the abstracts in the appropriate order. This means that the first abstract will be in the same language as the main text, followed by the abstract in the other language, and then followed by the main text. For example, if the dissertation is written in Portuguese, first will come the summary in Portuguese and then in English, followed by the main text in Portuguese. If the dissertation is written in English, first will come the summary in English and then in Portuguese, followed by the main text in English.

The abstract should not exceed one page and should answer the following questions:

- What's the problem?
- Why is it interesting?
- What's the solution?
- What follows from the solution?

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

Índice

Lista de Figuras xvii

Lista de Tabelas xix

Listagens xxi

Glossário xxiii

Siglas xxv

Símbolos xxvii

1 Introduction 1

1.1 The *NOVAthesis* template . . . 1
1.2 Getting Started . . . 2
1.2.1 Using Overleaf . . . 3
1.2.2 Using a Local LaTeX Installation . . . 3
1.3 Getting Help . . . 3
1.3.1 Google . . . 3
1.3.2 Group Support . . . 3
1.3.3 Reporting Problems . . . 4
1.4 Donations . . . 4
1.5 Disclaimer . . . 4

Apêndices

Anexos

Lista de Figuras

Lista de Tabelas

Listagens

Glossário

Siglas

DI	Department of Computer Science and Informatics 1
FCT	NOVA School of Science and Technology 1
NOVA	NOVA University Lisbon 1
NOVAthesis	NOVAthesis LaTeX template 1, 2, 3, 4

Símbolos

Capítulo 1

Introduction

This work is licensed under the LaTeX Project Public License v1.3c. To view a copy of this license, visit LaTeXprojectpublicliense.

1.1 The *NOVAthesis* template

The NOVAthesis LaTeX 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 (v5.2.1) it supports other degrees and Schools, namely:

- NOVA University Lisbon

NOVA School of Science and Technology (FCT-NOVA)

NOVA School of Social Sciences and Humanities (FCSH-NOVA)

NOVA Information Management School (NOVA-IMS)

National School of Public Heath (ENSP-NOVA)

- University of Lisbon

Instituto Superior Técnico (IST-UL)

Faculdade de Ciências (FC-UL)

- Instituto Politécnico de Lisboa

Instituto Superior de Engenharia de Lisboa (ISEL-IPL)

- Instituto Politécnico de Setúbal

Escola Superior de Tecnologia de Setúbal (ESTS-IPS)

- Escola Superior de Enfermagem do Porto (ESEP)

Escola Superior de Enfermagem do Porto (ESEP)

The NOVAthesis LaTeX template also supports the following degrees from Universities' Consortia:

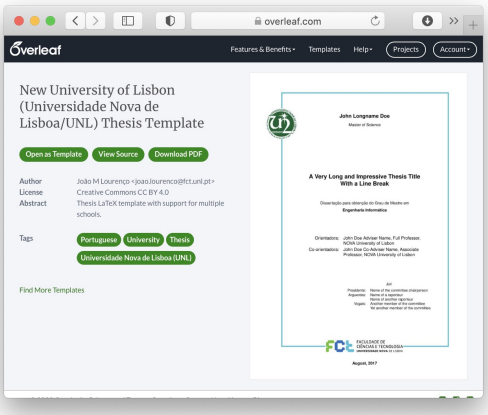
Erasmus Mundus Masters Program in Geospatial Technologies

1.2 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 LaTeX processor (pdfLaTeX, XeLaTeX or LuaLaTeX).

1.2.1 Using Overleaf

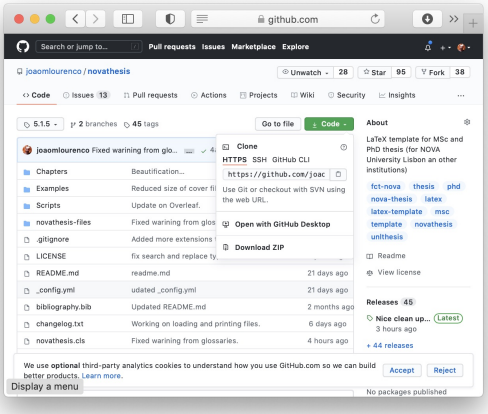


If you do not have an account in Overleaf, you must create one first.

Once you have an account, please access the NOVAthesis LaTeX 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.

1.2.2 Using a Local LaTeX Installation



Just access the NOVAthesis LaTeX 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).

1.3 Getting Help

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

1.3.1 Google

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

1.3.2 Group Support

To get directed help on the NOVAthesis LaTeX template please join:

- the NOVAtheis 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.

1.3.3 Reporting Problems

If you just need some help, see above Subsection 1.3.1 and Subsection 1.3.2.

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

1.4 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 you 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.

1.5 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 NOVAthesis 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.

UNIVERSIDADE DE LISBOA
INSTITUTO SUPERIOR TÉCNICO

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

John Longname Doe

Dissertação para obtenção do Grau de Doutor em
Engenharia Informática e de Computadores

Orientadora:	Mary Doe Adviser Name, Full Professor, NOVA University Lisbon
Coorientadoras:	John Doe Co-Adviser Name, Associate Professor, NOVA University Lisbon
	John Doe other Co-Adviser Name, Full Professor, NOVA University Lisbon

Júri:

Presidente:	Name of the committee chairperson, Full Professor, FCT-NOVA
Arguentes:	Name of a rapporteur, Associate Professor, Another University
	Name of another rapporteur, Assistant Professor, Another University
Orientador:	name of the adviser present in defense, Associate Professor, University
Vogal:	Yet another member of the committee, Full Professor, Another University

⟨month⟩, ⟨year⟩