



THESIS WRITING USING LATEX DIGITAL ENVIRONMENT • WORKSHOP

Code: A-LaTeXAdv

Duration: 1 half-day (3hr30), 3 sessions/year, 20 places/session

Public: 2nd or 3rd doctoral year

Lecturer: Jean Hare <jean.hare@lkb.ens.fr>

Requisite: Minimal knowledge of LaTeX (class article, sections, cross-references), float See e.g. the program of A-LaTeXBeg and pass the test (<https://www.edpif.org/misc/latex/TestLaTeX.zip>)

Objectives

Intermediate level techniques for the thesis writing using LaTeX

This course/workshop intends to provide intermediate level LaTeX technics for the thesis writing. It aims to speed up the writing process and to produce a good typographic quality PDF complying with the "electronic thesis" rules.

Several packages, bibliographic styles and customization technics are provided, with a ready- use template.

This training is designed for 2nd or 3rd year PhD candidates who already know the basics of LaTeX and intend to use it for their thesis. A placement test (<https://www.edpif.org/misc/latex/TestLaTeX.zip>) must be passed before registration. You have to send the result to jean.hare@lkb.ens.fr.

The course/workshop will be held in English in case of non-French speaking attendees

Main topics

- Prerequisite: Distribution, motor, dialect and class
- Compilation toolchain, .aux and .fmt files
- Minimal preamble for fonts and French
- Customization of layout, sectioning commands and table of contents
- Traps and tricks for graphics and bibliography
- Files spitting and personalized format
- Custom package for producing front and back cover pages, and metadata inclusion
- Custom package for handling archival and diffusion versions in the same file
- Custom BibTeX styles
- Validation and remediation
- On demand: others...

Method

Presentation and some practical exercises

Doctoral candidates must have their SU login/password or, failing that, bring a laptop with LaTeX already installed or a flash drive in the FAT32 format