Deep Learning

Spring 2025

Prof. Gilles Louppe
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Us

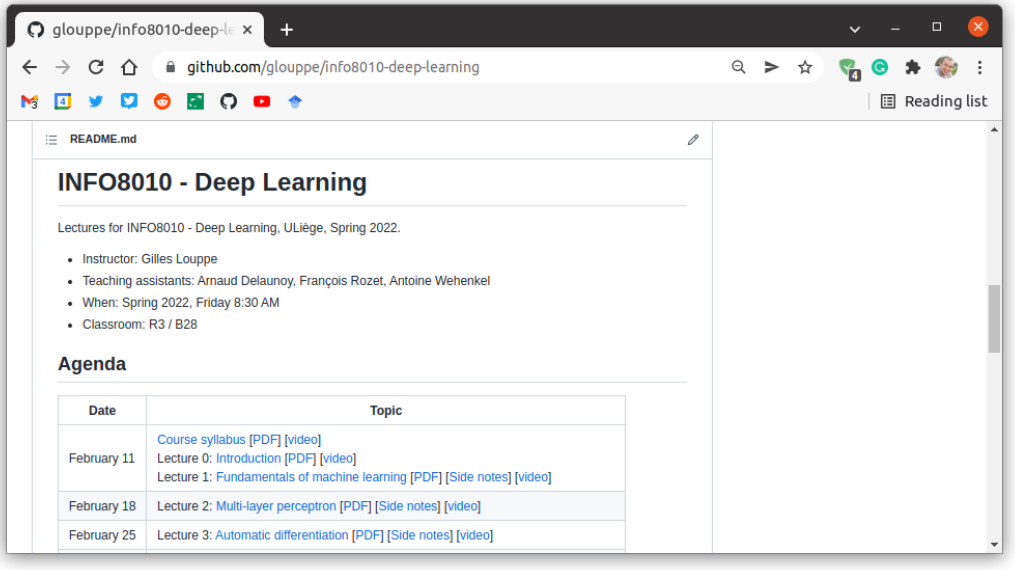
- Instructor: Gilles Louppe (g.louppe@uliege.be)
- Projects and guidance:
  - François Rozet
  - Yann Claes
  - Victor Dachet




Course hub

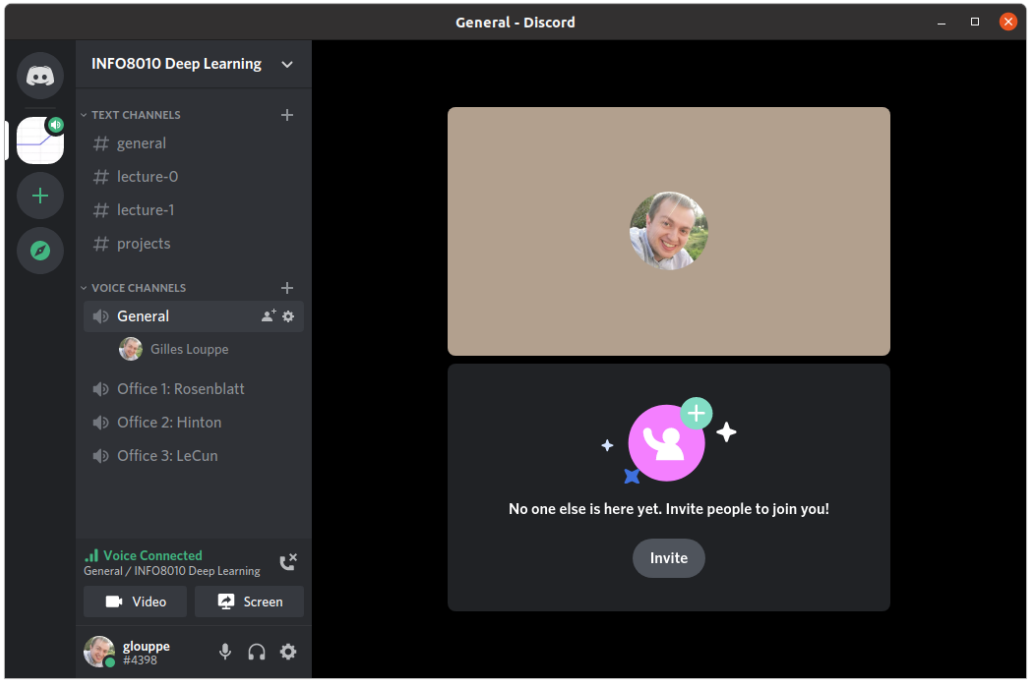
All important information about the course is maintained on the course hub at github.com/glouppe/info8010-deep-learning:

- Schedule
- Slides and materials
- Homeworks and project



Discord

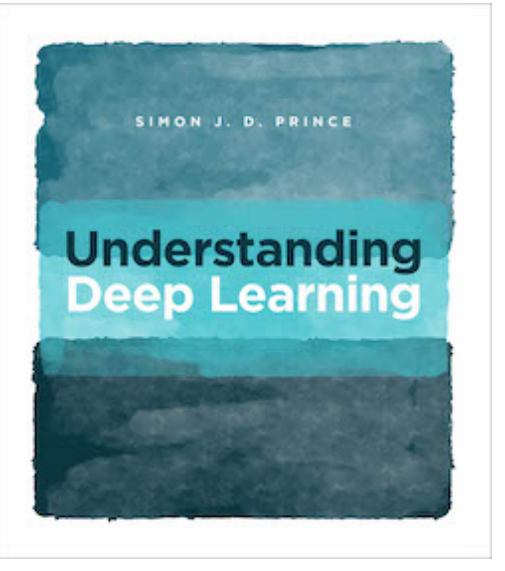
We have a Discord server for the course at https://discord.gg/5yZqTZhXFW. Ask questions, share resources, and chat with your peers and the teaching team.



Textbook

We recommend *Understanding Deep Learning*, by Simon J.D. Prince, for a comprehensive introduction to the field.

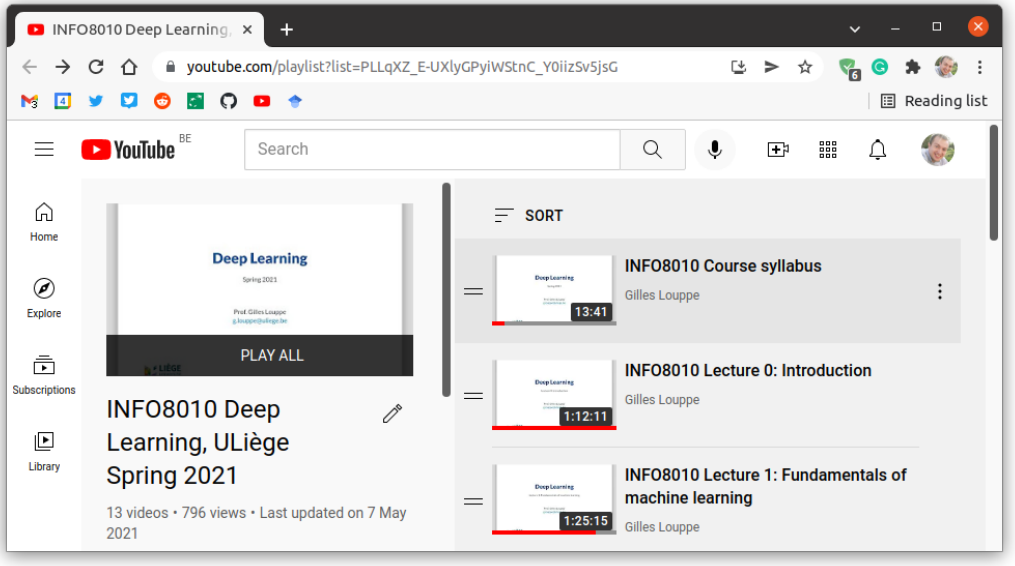
The book is freely available at https://udlbook.github.io/udlbook/.



Videos

Videos from Spring 2021 are available at https://bit.ly/3roQmea, but they are not up-to-date with the current materials.

New videos will be recorded this year throughout the course.



Projects

Homeworks

Short exercises to get you started with the practicals of deep learning.

Project

Programming project of your choosing to apply deep learning to a problem of your interest.

Evaluation

- Oral exam (50%)
- Projects (50%)
  - Homeworks (10%) (optional)
  - Programming project (40% or 50%)

The programming project is mandatory for presenting the exam.

Let's start!