Deep Learning

Spring 2026

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LIÈGE université

Us

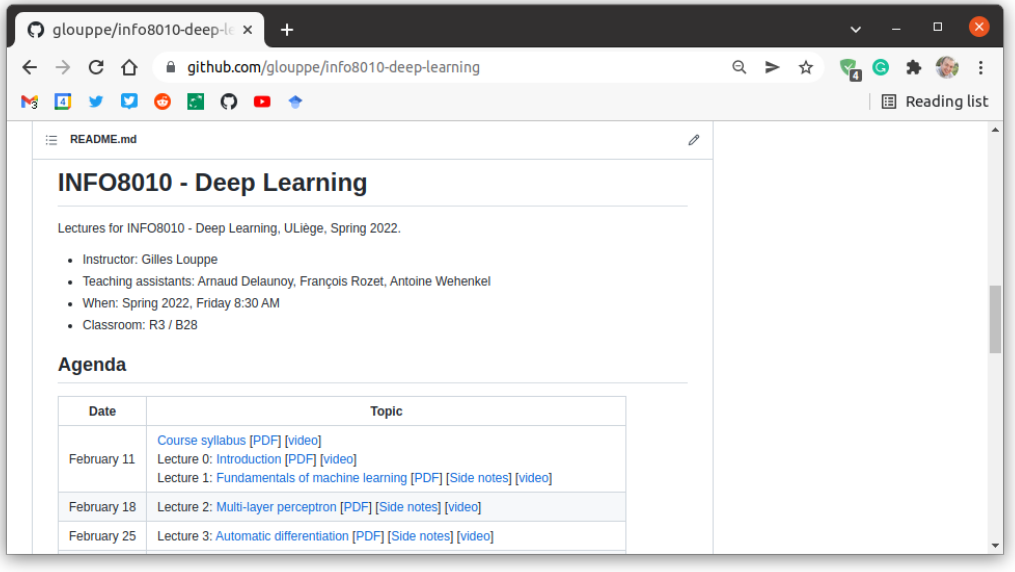
- Instructor: Gilles Louppe (g.louppe@uliege.be)
- Projects and guidance:
  - Fanny Bodart
  - Elise Faulx
  - Julien Brandoit
  - Sacha Peters




Course hub

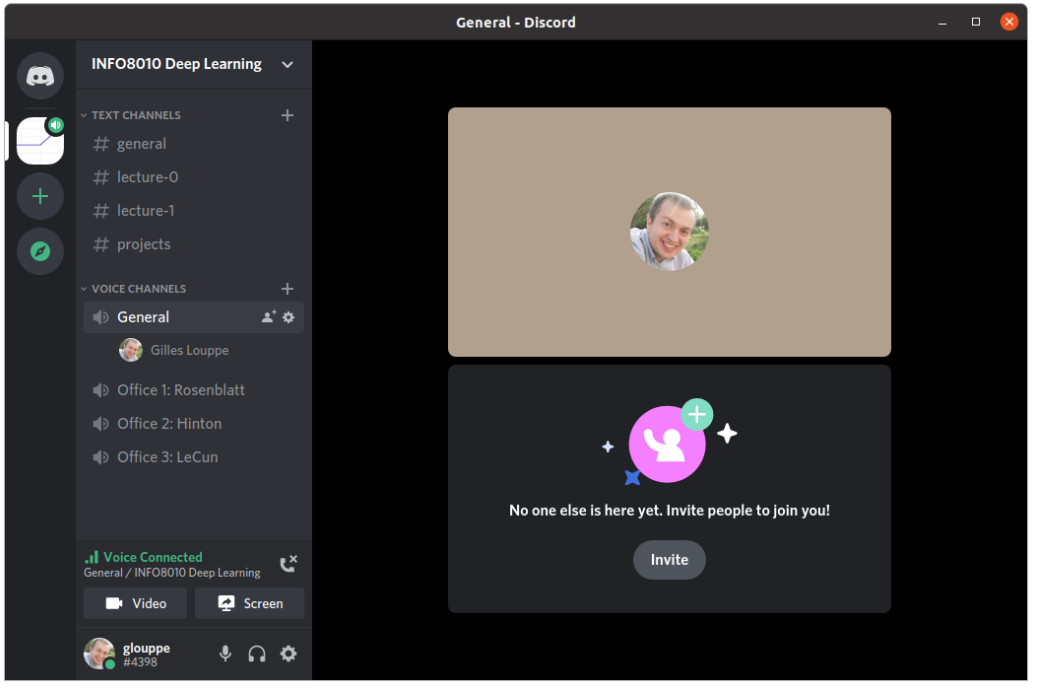
All important information about the course is maintained on the course hub at github.com/glouppe/info8010-deep-learning:

- Schedule
- Slides and materials
- Homeworks and project



Discord

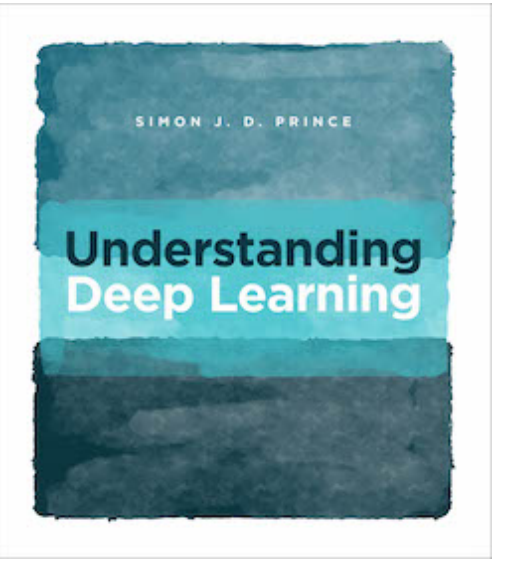
We have a Discord server for the course at https://discord.gg/5yZqTZhXFW. Ask questions, share resources, and chat with your peers and the teaching team.



Textbook

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

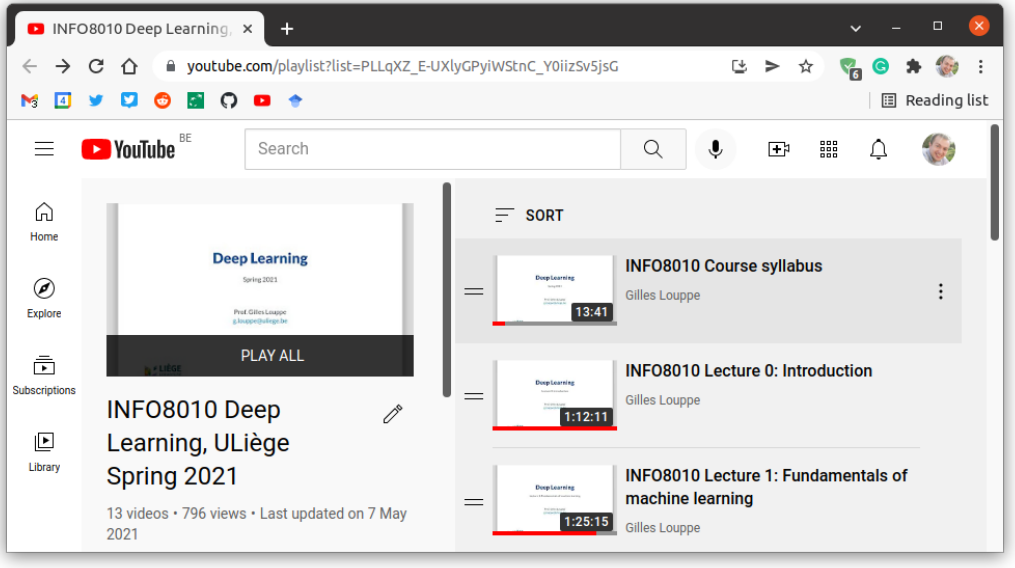
The book is freely available at https://udlbook.github.io/udlbook/.



Videos

Videos from Spring 2025 are available myUnicast.

Videos from Spring 2021 are available at Youtube, but they are not up-to-date with the current materials.



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!