

readings for the Physics PhD

# Introduction to Deep Learning

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The course will be held in English, and will consist of frontal lectures and practical sessions, covering the following subjects:

- Fundamentals of Deep Learning
- Convolutional networks, Generative models
- Deep Learning for Physical Sciences

	9.30 - 11.30	14.30 - 16.30
20/05	U4-05	U4-05
21/05	U1-13	U1-12
22/05	U4-07	U4-07

### Timetable:

### Additional information:

Lectures will be based on materials from:  
<https://github.com/glouppe/info8010-deep-learning>

For the practical sessions, students should:

1. install a Python distribution. (Anaconda is recommended)
2. in a dedicated environment, install jupyter, matplotlib, numpy, scipy and scikit-learn
3. in the same dedicated environment, install Pytorch (see the
4. instructions at <https://pytorch.org/get-started/locally/#anaconda-1>, in the Anaconda section)