Title: Deep Learning

Instructor: Prof. Matteo Borrotti, University of Milano-Bicocca

The goal of this reading group is to provide an overview on Deep Learning, covering both classical and modern models.

We will start from the basics of Neural Networks and then gradually move towards the more complex and modern Deep Neural Networks architectures.

Neural Networks trainign algorimths and practical issues will be presented for both shallow and deep networks.

Finally, advanced topics in Deep Learning will be introduced, such as adversarial learning.