

12 MARCH 2024 03:00 PM

Bocconi University <mark>Room 3-B3-SR01</mark> Via Röntgen 1, Milano (3° floor)

A personal survey of recent approaches to dense associative memory

Speaker

Abstract

Marc Jean Mezard Full Professor Bocconi University, Milan

This talk aims at summarizing some of the developments that took place in the last few years on neural networks-based associative memories. These new versions of the Hopfield network can have a large capacity and large attraction basins. Their relationship with machine learning processes and with generative diffusion will be discussed, as well as attempts at possible "neural" implementations.

