Contribution ID : **2**   Type : **not specified**

AI and the QCD phase diagram

Tuesday, 23 July 2024 10:00 (1:00)

Abstract

Artificial Intelligence is a branch of informatics that develops machines and software with intelligence similar to humans to perform tasks that can be improved as these collect information. For scientific purposes, artifical Neural Networks (ANN) emerge as a framework with many application in science, particularly in physics. In this talk I present a brief introduction to such framework with application to the description of the QCD phase diagram with the (0+1)-dimensional NJL model.

Primary author(s) :   Prof. RAYA, Alfredo (IFM-UMSNH)

Presenter(s) :   Prof. RAYA, Alfredo (IFM-UMSNH)

Session Classification :   Morning Session I