Contribution ID : **26**   Type : **Invited Talk**

Invited talk: The Potential of Quantum Information in Machine Learning applied to Quantum Physics and Medicine

Tuesday, 13 September 2022 14:00 (40)

Firstly, I will enlighten how different quantum information is compared to classical information and how this can affect machine learning algorithms. Then I discuss different attempts to obtain quantum neural networks and their performances. In the last part I will focus on applications of machine learning to problems in quantum physics and medicine.

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Session Classification : Quantum simulations, computing and machine learning

Track Classification : Quantum algorithms and methods