Invited talks

Tensor Networks and their use in machine learning

David Pérez-García
Universidad Complutense de Madrid

Tensor Networks are a powerful Ansazt to approximate low energy states of quantum many body Hamiltonians. Recently, they have started to permeate to other fields, like machine learning. In this lecture, I will introduce Tensor Networks and show how their structural properties provide alternative quantum inspired algorithms in machine learning with important privacy advantages.