Seminarium Astrofizyczne

wtorek 02.03.2021 godz. 12:15 (we start 15 minutes earlier!!!)

https://www.gotomeet.me/NCBJmeetings/seminarium-astrofizyczne
ID 349-387-373
Password: AstroSemi

Piotr Gawron

(CAMK)

Quantum neural networks - a practical approach

With recent success of artificial neural networks and emergence of Near Intermediate Scale Quantum computers a new field of quantum machine learning was established. There is hope that quantum computers will be able to build better and faster machine learning models. While many approaches are being studied, during this lecture we will focus on the class of machine learning models derived from variational quantum algorithms. These models are called quantum neural networks. This approach is interesting because it allows embedding quantum computers into classical neural network processing graphs.

Serdecznie zapraszam,
Agnieszka Majczyna