

## **Session Program**

**19-24 Nov 2023**



# **Quantum Techniques in Machine Learning (QTMML conference 2023)**

## ***Gradients and Landscape Theory***

CERN, 500/1-001 - Main Auditorium

# Friday 24 November

09:30

## Gradients and Landscape Theory

**Session** | **Location:** CERN, 500/1-001 - Main Auditorium | **Convener:** Amira Abbas

09:30–09:45

### Analyzing variational quantum landscapes with information content

**Speaker**

Adrian Perez Salinas

09:45–10:00

### The landscape of QAOA Max-Cut Lie algebras

**Speaker**

Martin Larocca

10:00–10:30

### Training robust quantum classifiers based on Lipschitz bounds

**Speaker**

Julian Berberich

10:30–10:45

### Splitting and Parallelizing of Quantum Convolutional Neural Networks for Learning Translationally Symmetric Data

**Speaker**

Koki Chinzei

10:45