

## **Session Program**

**19-24 Nov 2023**



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

## ***Quantum Kernels***

CERN, 500/1-001 - Main Auditorium

# Thursday 23 November

12:00

## Quantum Kernels

**Session** | **Location:** CERN, 500/1-001 - Main Auditorium | **Convener:** Dr Christa Zoufal

12:00-12:15

### A Topological Features Based Quantum Kernel

**Speaker**

Mr Massimiliano Incudini

12:15-12:45

### Expressivity and Generalization Ability of Trace-induced Quantum Kernels

**Speaker**

Beng Yee Gan

12:45-13:00

### A Multi-Class Quantum Kernel-Based Classifier

**Speaker**

Shivani Pillay

13:00-13:15

### Neural Quantum Embedding: Pushing the Limits of Quantum Supervised Learning

**Speaker**

Tak Hur

13:15