



# Quantum Techniques in Machine Learning (QTML conference 2023)

## Monday 20 November 2023

### Quantum Learning and Quantum Advantage - 500/1-001 - Main Auditorium (11:15 - 13:15)

-Conveners: Minh Ha Quang

time	[id] title	presenter
11:15	[20] On quantum backpropagation, information reuse, and cheating measurement collapse	ABBAS, Amira
12:00	[78] Classical Verification of Quantum Learning	HINSCHKE, Marcel
12:30	[79] Learning bounds and guarantees for testing (quantum) hypotheses	PETERS, Evan
12:45	[80] Exponential separations between classical and quantum learners	GYURIK, Casper
13:00	[81] Classical simulations of noisy variational quantum circuits	FONTANA, Enrico