

# SUMMER SCHOOL SCHEDULE

	MON Sept 02	TUE Sept 03	WED Sept 04	THU Sept 05	FRI Sept 06	
08:45						
09:00	registration					09:00
09:30	Daive Pastorello	Marco Cerezo	Vladislav Golyanik	Christa Zoufal	Michele Grossi Quantum Technique for high energy physics	
10:30	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break	10:30
11:00	An introduction to Quantum Computing	A primer on the theoretical aspects of quantum neural networks	Advances in Quantum-enhanced Computer Vision	Benchmarking quantum machine learning and optimization algorithms	Andrea Gentile Scientific Machine Learning with (neutral atom) quantum circuits	11:00
12:30	Lunch Break	Lunch Break	Lunch Break	Lunch Break	Lunch Break	12:30
14:00	Cristina Cirstoiu How does noise affect the performance of quantum machine learning?	Matthias C Caro	Daniel K Park	Simone Montangero	David Wierichs Gradient-based training of QML models with PennyLane	14:00
15:30	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break	15:30
15:45	poster session				closing remarks	15:45
16:00						16:00
16:15						16:15
		Hamiltonian Learning and Testing	Classical-quantum hybrid machine learning	Introduction to Tensor Network Methods	final exam	17:00
						17:15
18:00						

