

1st AI-INFN Advanced Hackathon

Wednesday, 27 November 2024

QML and MedPhys: Quantum Machine Learning and Machine Learning in Medical Physics - Classrooms P2B and P4C (09:00 - 13:30)

time	[id] title	presenter
09:00	[10] Introduction to Quantum Machine Learning	CAPPELLI, Laura ARGENTON, Matteo GIAGU, Stefano
10:35	[20] Quantum-inspired tensor-network machine learning: finding optimal hyperparameters, libraries, and hardware	JASCHKE, Daniel
11:00	Coffee	
11:20	[12] Magnetic Resonance Imaging Seminar	BRERO, Francesca
12:20	[29] Introduction to Medical Physics exercise	LIZZI, Francesca

QML and MedPhys: Hackathon - Classrooms P2B and P4C (14:30 - 18:00)

time	[id] title	presenter
14:30	[18] Quantum Machine Learning applications: classification, anomaly detection and QUBO problems	CAPPELLI, Laura ARGENTON, Matteo GIAGU, Stefano
14:30	[19] Autism Spectrum Disorders (ASD) diagnosis using structural and functional Magnetic Resonance Imaging and Radiomics	LIZZI, Francesca POSTUMA, Ian
16:00	Coffee break	
16:20	[27] Quantum Machine Learning applications: classification, anomaly detection and QUBO problems	CAPPELLI, Laura ARGENTON, Matteo GIAGU, Stefano
16:20	[28] Autism Spectrum Disorders (ASD) diagnosis using structural and functional Magnetic Resonance Imaging and Radiomics	LIZZI, Francesca POSTUMA, Ian