Quantum Information in Spain ICE-8

Monday, May 29, 2023

Session 4.3 - Aula Magna (2:20 PM - 3:50 PM)

-Conveners: Chair: Geza Giedke

time	[id] title	presenter
2:20 PM	[113] Inertial sensing using matter-wave interferometry	Prof. SCHLIPPERT, Dennis
3:10 PM	[47] Security of discrete-modulated continuous-variable quantum key distribution	Mr PASCUAL, Carlos
3:30 PM	[14] Activation of metrologically useful genuine multipartite entanglement	TRÉNYI, Róbert

Tuesday, May 30, 2023

Session 4.3 - Aula Magna (2:20 PM - 3:50 PM)

-Conveners: Chair: Enrique Rico Ortega

time	[id] title	presenter
2:20 PM	[123] Making the case for quantum machine learning	DUNJKO, Vedran
3:10 PM	[87] A Fast QKD Prototype Based on Photonic Integrated Circuits	DE MATOS AFONSO PEREIRA, Maria
3:30 PM	[9] Taking advantage of noise in quantum reservoir computing	Prof. BORONDO, Florentino

Wednesday, May 31, 2023

Session 4.3 - Aula Magna (2:20 PM - 3:50 PM)

-Conveners: Chair: Adán Cabello

time	[id] title	presenter
2:20 PM	[124] Quantum Machine Learning in High Energy Physics	Dr VALLECORSA, Sofia
3:10 PM	[34] Photon-magnon interaction in ferromagnets of different sizes	MARTÍNEZ-LOSA DEL RINCÓN, Sergio
3:30 PM	[24] Quantum machine learning algorithms and its implementation in molecular qudits	ROCA-JERAT, Sebastian

Thursday, June 1, 2023

Session 4.3 (2:20 PM - 4:20 PM)

-Conveners: Chair: Diego Andrade

time	[id] title	presenter
2:20 PM	[126] Quantum simulation with quantum computers, an introduction	FERNÁNDEZ-ROSSIER, Joaquín
3:10 PM	[29] Quantum reservoir computing in finite dimensions	MARTÍNEZ-PEÑA, Rodrigo
3:30 PM	[73] Fast Pattern Matching in Quantum Circuits	Mr MONDADA, Luca
3:50 PM	[99] Low-depth simulations of fermionic systems on realistic quantum hardware	ALGABA, Manuel