6th Basque Quantum Science and Technology Workshop, Bilbao	
09:20 Welcome	
09:30 Maria Gastiasoro	Pairing mediated by soft ferroelectric modes in polar metals
10:00 Sara Catalano	Josephson Junctions with hybrid EuS/Al interfaces: a preliminary study
10:20 Brahmin Lounis	Tailoring the degree of entanglement of two coherently coupled quantum emitters
10:50 Nathan Metraud	Quadratic Fermionic Hamiltonians
11:10 Coffee break and Posters	
11:40 Jonathan Wise	Nonclassical mechanical states in nonlinear quantum optomechanics
12:10 Aitor Alaña	Controlling a quantum phase transition manipulating the Modulation Instability
12:30 David Novoa	Mastering light quanta with synchronous molecular motion
13:00 Marc Manzano	What's quantum-resistant cryptography and why does it matter?
13:20 Lunch and Posters	
15:30 Tobias Grass	Quantum simulation of Hubbard models
16:00 Nonia Vaquero	Physically Motivated Improvements in Variational Quantum Eigensolvers
16:20 Mikel Sanz	Digital-Analog Quantum Computation
16:50 Coffee break and Posters	
17:10 Nico Lorente	Many-body localization and time crystalline phases in a NISQ experiment
17:30 Roman Orús	Simulating IBM's Eagle Kicked Ising Experiment with Quantum-Inspired Tensor Networks
17:50 Conclusion & End of Workshop	