



QUANTUM DAYS AT UAB CAMPUS



UAB - Faculty of Science (Sala d'Actes)



5, 6, 7 May 2025



12:00-14:30 h



Organised by:



In collaboration with:



As a contribution to the UN International Year of Quantum Science and Technologies, a series of talks/colloquia are organized, focus to UAB students and open to all the UAB community and beyond. They are organized in three consecutive days, each devoted to present some aspects of Quantum Science and Technology:

	Monday, May 5	Tuesday, May 6	Wednesday, May 7
	Quantum information and sensing	Quantum light and Matter	Quantum Chips
12:00	Welcome	Welcome	Welcome
12:05	John Calsamiglia (UAB) Quantum Information Sciences (15')	Veronica Ahufinger (UAB) Quantum simulation (15')	Francesc Perez-Murano (IMB-CNM) Quantum manufacturing (15')
12:20	Morgan Mitchell (ICFO) Quantum Sensing and Metrology (45')	Leticia Tarruell (ICFO) Quantum simulation with ultracold atoms (45')	Pol Forn (IFAE) Quantum technologies with superconducting quantum circuits (45')
13:05	Gabriele De Chiara (UAB) How to solve complex problems with quantum computers (20')	Elena Bartolomé (ICMAB) Molecular Materials for Quantum Technologies (20')	Aron Cummings (ICN2) Simulating the properties of disordered materials (20')
13:25	Fernando Gonzalez Zalba (Nanogune) Quantum computing with spin qubits (40')	Lourdes Fàbrega/Anna Palau (ICMAB) Superconducting Materials for Quantum Technologies (20') Roshan Krishna Kumar (ICN2) Light Matter THz (20')	Jorge Barreto (Bristol University) Scalable Quantum Photonics (40')
14:10	Colloquium and End	Colloquium and End	Colloquium and End

Organized by: IMB-CNM-CSIC, ICMAB-CSIC, and UAB

In collaboration with: ICN2 and IFAE.