



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:



Q-UAB Days - Quantum Days at the UAB

As a contribution to the UN International Year of Quantum Science and Technologies, a series of talks/colloquia will be organized, focus to UAB students and open to all the UAB community and beyond. They will be 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	Veronica Ahufinger (UAB) Quantum Simulation	Francesc Perez-Murano (IMB-CNM) Quantum manufacturing
12:20	Morgan Mitchell (ICFO) Quantum Sensing and Metrology	Leticia Tarruell (ICFO) Quantum simulation with ultracold atoms	Pol Forn (IFAE) Quantum technologies with superconducting quantum circuits
13:05	Gabriele De Chiara (UAB) How to solve complex problems with quantum computers	Elena Bartolomé (ICMAB) Molecular Materials for Quantum Technologies	Aron Cummings (ICN2) Simulating the properties of disordered materials
13:20	Fernando Gonzalez Zalba (Nanogune) Quantum computing with spin qubits	Lourdes Fàbrega/Anna Palau (ICMAB) Superconducting Materials for Quantum Technologies	Jorge Barreto (Bristol University) Scalable Quantum Photonics
		Roshan Krishna Kumar (ICN2) Light Matter THz	
14:05	End	End	End

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

In collaboration with: ICN2 and IFAE