Quantum CARLA 2025: A dive into the Quantum Science and Technology landscape

ICFO organizes its fourth edition of Quantum CARLA: the Quantum Careers Symposium 2025, held at La Pedrera, one of the landmark buildings of Barcelona.

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On March 28th, ICFO organized its fourth edition of Quantum CARLA: the Quantum Careers Symposium 2025 which was held at one of the landmark buildings of Barcelona, La Pedrera,. Organized in a hybrid format, this edition focused on the International Year of Quantum Science and Technology, mainly aimed at increasing awareness about quantum technologies and seeking to build a society that is informed and ready to engage with emerging quantum applications.

The symposium gathered 17 renowned speakers and a vibrant audience of more than 300 students and early-career researchers both in person and online. Attendees had the chance to explore exciting career development opportunities, attend talks about the quantum

science and technology field, and network with peers and speakers, opening new doors for their career development aspects.?

ICFO Director Prof. Dr. Oriol Romero-Isart kicked-off the symposium by reminding th participants that professional careers are not always a straight line and that it is important t embrace randomness and explore the opportunities that life offers. Prof. Dr. Antonio Aci provided an insightful introduction to the emerging?quantum science and technolog landscape. Following, two engaging panels, from academia to industry showed attendees th many career paths that the field of quantum science and technology offers

The "Academia panel", moderated by Prof. Dr. Robert Sewell, featured insights from Dr. Alb Cervera Lierta, Dr. Aleksandra Sierant, Dr. Javier Argüello Luengo, and Prof. Dr. Philip e Grangier, who shared their career paths and their main research topics. Later on, Dr. Silv a Carrasco led the "Industry panel", where Dr. Gianvito Lucivero, Jaume Figueras Solanilla, D . Marta P. Estarellas, and Vanesa Diaz shared perspectives on career opportunities a d discussed how quantum innovation is being shaped in the industrial landscape. After tha , Ariadna Gomez del Pulgar Martinez, Dr. Christian Holzl, Ignacio Perez Ramos and Dr. Sand a de Vega shared their personal experiences and professional career paths, in the pan l "Quantum testimonials", a session moderated by Dr. Zoi Melissari

The event was well received both by speakers and participants with a high number of feedback responses and an overall rating of the event 4.5 out of 5. 96% of the participa ts would recommend Quantum CARLA to a friend, and over 90% stated that they benefited by attending the event

Finally, this edition featured a new technical element additional to the inspiring pan ls. Alberto Garcia Fernandez, Dr. Miquel Rude Moreno and Sandra Mingot, prese ted cutting-edge topics to the audience within the session of "Trends in Quantum Science and Technology" which was moderated by Prof. Dr. Veronica Ahufinger Breto. The sympo ium concluded with Dr. Lydia Sanmarti-Vila closing words after which those participants that had attended the event in person had the opportunity to meet and chat during a l nch networking session, allowing them to connect with each other, with the speakers, the sponsoring organizations, and HR expert

. The symposium was organised within the Quantum Flagship initiative and the #360 ARLA project, in the framework of the Master in Quantum Science and Technology Barcelon and in collaboration with the European project Digitally Enhanced Quantum Technology M ster (DigiQ), and the Catalonia Quantum Academy (CQA). The symposium was also sponsor d by LuxQuanta, QSENSATO SRL, Quside, Secpho and Thorlabs.