



International Quantum Business Conference

9 - 10 October 2024
Santiago de Compostela



International Quantum Business Conference



Location: Santiago de Compostela.
Cidade da Cultura (Edificio Fontán)



In person event



Languages: English – Spanish. Spanish – English



Expected number of attendees: 200-300 people



Confirmed date: 09-10 October 2024.
Duration: 2 days



Objectives:

1. Position Fujitsu and sponsors as key companies in quantum in Spain and Europe
2. Discuss about last quantum research results
3. Increase the visibility of the Galicia research, innovation and industrial ecosystem, in particular Cesga and the regional government
4. Attract relevant entities in QC
5. Show relevant use cases in Quantum inspired to show the feasibility of Q tech to the industry
6. Facilitate the networking
7. ...



Agenda - Wednesday, 9 October 2024

Flavors of Quantum Technologies

Parador de Santiago de Compostela (Hostal Os Reis Católicos) | Santiago de Compostela

19:30: Registration and arrival of participants

20:15: Institutional welcome

Almudena Justo Martínez

Director, International Quantum Centre | Fujitsu

Gonzalo Romeo Martínez

General Director, Platform Business Spain | Fujitsu

Lois Orosa Nogueira

Director, Galicia Supercomputing Centre | CESGA

Román Rodríguez González

Minister of Education, Science, Universities and Vocational Training | Xunta de Galicia

20:45: Gala Dinner

El hotel más antiguo de España

Parador de Santiago
de Compostela





Agenda - Thursday, 10 October 2024

Int. Quantum Business Conference

Cidade da Cultura convention center | Edificio Fontán | Santiago de Compostela

09:00 - 09:25: Registration and welcome coffee - Hall of the Edificio Fontán

09:30 - 09:55: Opening Ceremony & Introduction

Almudena Justo Martínez

Director, International Quantum Centre | Fujitsu

Lois Orosa Nogueira

Director, Galicia Supercomputing Centre | CESGA

M^a del Carmen Cotelo Queijo

Director, GAIN (Galicia Innovation Agency) | Xunta de Galicia

10:00 - 10:20: Keynote | Hardware & software efforts for realizing practical quantum computing

Shintaro Sato

SVP & Head of Quantum Laboratory | Fujitsu Research

10:25 - 11:10: Roundtable discussion | Public initiatives to boost the quantum ecosystem in Spain & Europe.

Panelists:

M^a del Carmen Cotelo Queijo (moderator)

Director, GAIN (Galicia Innovation Agency) - Xunta de Galicia

Lois Orosa Nogueira

Director, Galicia Supercomputing Centre - CESGA

Juan Antonio Rico

General Director - Computaex

Salvatore Cinà

Program Director Quantum Technologies | French Alternative Energies and Atomic Energy Commission - CEA

11:15 - 11:40: COFFEE BREAK & NETWORKING - Hall of the Edificio Fontán



11:45 - 12:25: Roundtable discussion | Closing the quantum workforce & entrepreneurship gap.

Panelists:

Natalia Olson Urtrecho (*moderator*)

Global Ambassador, Spain & Portugal | Silicon Valley Forum

Natalie Cernecka

EIT Deep Tech Talent Initiative Manager, EIT Manufacturing

Javier Mas Solé

Full Professor, University of Santiago de Compostela | Galician Institute of High Energy Physics

Bruno Julia

Full Professor, University of Barcelona | Coordinator of the MSc. in Quantum Science and Technology at Catalonia Quantum Academy

12:30 - 12:55: Bridging the gap between quantum research and business | Fujitsu International Quantum Centre

Panelists:

Gonzalo Romeo Martínez

General Director, Platform Business Spain | Fujitsu

Almudena Justo Martínez

Director, International Quantum Centre | Fujitsu

13:00 - 13:55: NETWORKING LUNCH - Hall of the Edificio Fontán

14:00 - 14:40: Roundtable discussion | R&D Funding opportunities for Quantum Technologies

Panelists:

Sabela Pardo Rodríguez (*moderator*)

Director, Strategy & Programmes GAIN (Galicia Innovation Agency) | Xunta de Galicia

Fernando Martín Galende

HE National Contact Point, Cluster 4 – Digital | Directorate of European Programmes and Regional Cooperation

Nuria Rodríguez Aubó

Director, EU Programmes & Innovation FEUGA | Galician Enterprise-University Foundation

Luís Álvarez Cuevas

Partner, Global Incentives and Innovation | Ernst & Young



15:00 Parallel Sessions: Scientific & Business Tracks

Scientific track

**15:00 - 15:40: Session I: Roundtable discussion
Future of quantum algorithms**

Moderator & panelist: Andrés Gómez Tato
Head of Quantum | CESGA

- **Shinji Kikuchi**
*Senior Project Director of Quantum Applications,
Fujitsu Research*
- **Diego Andrade**
*Full Professor, Computing Engineering | University
of A Coruña*
- **Mauro Martin Letras Luna**
*Researcher - Quantum Computing Technologies |
Leibniz Supercomputing Centre (LRZ)*

**15:45 - 16:30: Session II: Roundtable discussion
Hardware development challenges**

Moderator & panelist: Miguel Ferreira Cao
Head of Quantum | Gradient

- **Ryoichi Ishihara**
Associate Professor | TU Delft
- **Marta Estarellas**
CEO | Qilimanjaro
- **Marcos Curty**
*Full Professor of Theory of Signal &
Communications at Vigo University*
- **Álvaro Caride Tabares**
*Quantum-HPC platform Engineer | International
Quantum center*

16:45 - 17:00: Institutional closing

Gonzalo Romeo Martínez
General Director, Platform Business Spain | Fujitsu

Lois Orosa Nogueira
Director, Galicia Supercomputing Centre - CESGA

Román Rodríguez González
Minister of Education, Science, Universities and Vocational Training | Xunta de Galicia

17:00 - 17:55: Cocktail & Networking - Hall of the Edificio Fontán

18:00 - 19:00: Visit to CESGA & Quantum Computer facilities (Qmio)

Restricted to registered and confirmed attendees

Transportation by bus. Meeting point at the main entrance of the Edificio Fontán

Business track

**15:00 - 15:40: Session I: Roundtable discussion
Business Challenges**

Moderator: Helena de Fuentes
Master of ceremonies

- **Antonio Peris**
CoFounder & CIO | QCentroid
- **Alejandro Borralló Rentero**
*Head of Quantum Applications | Fujitsu
International Quantum Center*
- **Ricardo Enríquez**
Head of Quantum Advisory Team | Repsol
- **José Manuel López Vilariño**
R&D Manager | Hijos de Rivera – Estrella Galicia

**15:45 - 16:30: Session II: Roundtable discussion
Success cases**

Moderator: Helena de Fuentes
Master of ceremonies

- **Ricardo García**
*Quantum Computing Applied Research Lead |
Moody's*
- **Rocío Martínez Núñez**
*Reader in RNA Biology and Immunity | King's
College London*
- **Antón Rodríguez Otero**
*Quantum Applications Scientist | Fujitsu
International Quantum Center*
- **Aitor Moreno Fernández de Leceta**
Director, Quantum Technologies | Ayesa