



8th International Conference for Young Quantum Information Scientists (YQIS25)

October 06, 2025 to October 10, 2025

LIV Student (Barcelona)

ABOUT THE CONFERENCE

YQIS is a conference series created by young researchers for young researchers.

Hosted this year by the **Institute of Photonic Sciences (ICFO) in Barcelona**, it invites PhD students and early-career researchers to present their latest work and forge new collaborations.

Covering the **full spectrum of quantum information**-from foundations, correlations, and thermodynamics to cryptography, communications, algorithms, machine learning,

computing, and cutting-edge quantum technologies-YQIS provides a forum to foster scientific exchange among young researchers.

Launched in 2013 through the vision of Alain Aspect and Sebastien Tanzilli, the conference remains dedicated to giving the next generation of scientists a prominent stage. **Join us in Barcelona in 2025, the year of Quantum**, to exchange ideas, expand your network, and help shape the future of quantum information science.

Previous editions feature [YQIS6](#) hosted by the FRIB/NSCL at Michigan State University in 2021, and [YQIS24](#) - the 7th edition of the conference series - hosted by INRIA in Paris.

REGISTRATION

We thank all the participants that have applied to participate in YQIS25, we are looking forward to seeing you in Barcelona soon!

Attendance fee is **150?**.

A limited number of fellowships will be offered for master's students eligible for financial aid. The deadline for presenting the request is the **1st of August**. In case you wish to apply for it, you will be requested to provide a brief justification and upload of a short version of your curriculum (1-page max, PDF only).

INFORMATION FOR CONTRIBUTORS

A link to download the timetable of the event can be found [here](#) and at the bottom of this page

Accepted speakers should aim for 15 minute talks + 5 minutes of questions, and prepare a digital presentation in a standard format.

Poster stands have a useful area that is 185 cm tall and 95 cm wide. **Recommended poster sizes are A0 format**, or any other format that fits within the measurements provided.

CONTACT

For any query regarding the conference, feel free to write us an email at YQIS25@icfo.eu.

IMPORTANT DATES

Submission opening: June 11th

Submission deadline (extended): July 27th

Acceptance Notification: August 8th (Talks) & August 12th (Posters)

Deadline for fellowship application: August 1st

Registration deadline: August 15th

Conference fee payment deadline: September 19th - EXTENDED!

Conference days: October 6th to October 10th

Conference dinner: October 8th

VENUE

Events will be carried on at [LIV Student](#), located in the neighborhood of Sarria, Barcelona

It is located on Passatge de Ricard Zamora, 4, 8, 08017 Barcelona ([see on Google Maps](#))

CONFERENCE DINNER

The conference dinner will take place on Wednesday, **October 8**, at **8:00 PM** at [L'Estacio Espai Gastronomic](#), located in **Estacio de Franca**.

The dinner will include the main meal and an open bar with some drink options available. After open bar hours finish, participants will be able to purchase drinks directly in the venue during the DJ set

Below is the timetable for the evening event

08:00 PM - Opening

08:30 PM - Dinner start with open bar (water, soda, beer, wine)

09:45 PM - DJ set start

10:00 PM - Dinner with open bar finishes

11:45 PM - DJ set finishes

12:00 AM - Closing

PROGRAM AND INVITED SPEAKERS

A link to the detailed schedule can be found [here](#) and the bottom of this page.

? A book of abstracts for the talks is available in the following [link](#), and a book of abstracts for the posters is available in this [link](#). Both can also be obtained from the corresponding download buttons at the bottom of the page.?

Invited speakers:

[Peter Brown \(Telecom Paris\)](#)

[Anna Dawid \(Universiteit Leiden\)](#)

[Patrick Emonts \(Ulm University\)](#)

[Zoe Holmes \(EPFL, Switzerland\)](#)

[Ludovico Lami \(Scuola Normale Superiore\)](#)

[Armin Tavakoli \(Lund University\)](#)

PEOPLE

Local organizing committee:

Raffaele D'Avino (ICFO)

Tomas Fernandez (ICFO)

Roberto Gonzalez (ICFO)

Younes Naceur (ICFO)

Mariana Navarro (ICFO)

Ranieri Nery (ICFO)

Martin Renner (ICFO)

Anna Steffinlongo (ICFO)

Steering committee:

[Jessica Bavaresco \(LIP6, Sorbonne University\)](#)

[Paul Erker \(TU Wien & IQOQI Vienna\)](#)

[Mate Farkas \(University of York\)](#)

[Ryan LaRose \(Michigan State University\)](#)

[Nikolai Miklin \(Hamburg University of Technology\)](#)

[Giulia Rubino \(University of Bristol\)](#)

[Alexia Salavrakos \(Quandela\)](#)

Scientific Committee:

Elizabeth Agudelo (TU Wien)

Veronica Ahufinger (Universitat Autònoma de Barcelona)

Fabio Anza (University of Maryland)

Stefan Bauml (Freie Universität Berlin)

Federico Belliardo (University of Chicago)

Giuseppe Carleo (EPFL)

Gonzalo Carvacho (Sapienza Università di Roma)

Vasco Cavina (Scuola Normale di Pisa)

Ulysses Chabaud (Ecole Normale Supérieure)

Pierre-Emmanuel Emeriau (Quandela)

Rihan Hai (TU Delft)

Christoph Hirche (Leibniz Universität Hannover)

Felix Huber (University of Gdansk)

Tamas Krivachy (ICFO)

Jonas Landman (University of Edinburgh)

Domink Leichtle (University of Edinburgh)

Thais de Lima Silva (Technology Innovation Institute)

Alex May (Perimeter Institute)

Gorka Muñoz-Gil (Universität Innsbruck)

Daniel Oi (University of Strathclyde)

Alice Pagano (Google Quantum AI)

Luciano Pereira (ICFO)

Martin Plavala (Leibniz Universität Hannover)

Marcin Plodzien (Qilimanjaro)

Javier Rivera-Dean (ICFO)

Carles Roch I Carceller (Lund University)

Marco Tulio Quintino (Sorbonne Université)

Ilaria Siloi (University of Padova)

Pietro Silvi (University of Padova)

Isaac Smith (University of Innsbruck)

Alexander Stottmeister (Leibniz Universität Hannover)

Philip Taranto (University of Manchester)

Armin Tavakoli (Lund University)

Marco Tomamichel (National University of Singapore)

Lai Zhou (Beijing Academy of Quantum Information Sciences)

ACKNOWLEDGMENTS

This event acknowledges funding from [Catalonia Quantum Academy \(CQA\)](#), [AXA foundation](#), and [Riverlane](#), as well as organizational support from the Institute of Photonic Sciences (ICFO).

About CQA

"The Catalonia Quantum Academy (CQA) is a collaborative platform under Quanta Mediterranean Valley of Quantum Science and Technologies, established to coordinate efforts to leverage the region's internationally recognized expertise to strengthen education training and professional development in Quantum Science and Technology (QST

About AXA

"The AXA Research Fund is AXA Group's global scientific philanthropy initiative, launched in 2008 to address the most important issues facing our planet. It supports human progress by funding research in key areas related to risk and helping inform public and private decision-making based on science."

About Riverlane

"Riverlane is the world leader in quantum error correction (QEC). Our mission is to master QEC and unlock a new era of human progress, where we can solve critical problems that no existing technology can address. We build the QEC technology and tools that enable quantum computers to reach utility-scale."

About ICFO?

"The Institute of Photonics Sciences is a young research institution that aims to advance the very limits of the science and technology of light, tackling important challenges faced by society at large in all areas of life, including health, energy, information, safety, security and caring for the environment. ICFO is a member of [BIST](#), the Barcelona Institute of Science and Technology, and is situated in Castelldefels, a small town located by the sea just outside of Barcelona, Spain. More information about ICFO can be found [here](#)."



ICFO does not tolerate any type of conduct or behavior considered harassment or bullying and has clearly defined [policies](#) against it.