

QUARMEN

QUAntum Research Master-level Education Network Erasmus Mundus Joint Master

A Master on Quantum Science and Technology among 4 universities

Preparing a new generation of experts for the second Quantum revolution with a two-year international Master program in Physics based on:

- training on concepts and technology for quantum devices and information
- international mobility among up to four different countries and research institutions
- possibility of preparing a Master Thesis in top level research centers
- offering and encouraging internships in quantum technology companies and start-ups
- promoting and training in entrepreneurial and project management skills

Paris-Saclay University

France

Sapienza University of Rome

Italy

University of Porto

Portugal

University of Toronto

Canada

Get in touch

master.quarmen@universite-paris-saclay.fr •







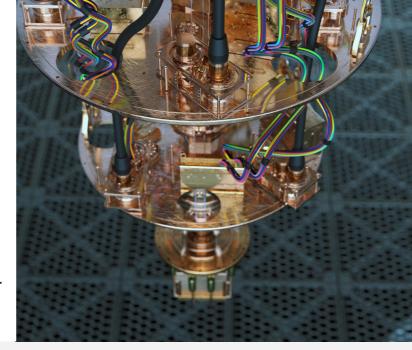


COURSES AND MOBILITY

Students will be able to take advantage of the excellent educational and technological infrastructures of the partner Universities, and will be able to give specific orientations to their training on the basis of the Master mobility scheme and get up to three diplomas in two years:

l academic semester = 1 diploma!

QUARMEN will provide an advanced and internationally competitive training, putting the students in the best conditions either to pursue a Ph.D. in quantum science and technology, or to enter the lively job marked of high-tech companies in the field.



Semester 1

Rome

Fundamentals

Winter school
Science and Technology

Semester 2

Porto

Theory computing Internship

Paris-Saclay

Experimental Internship

Entrepreneurship and project management

Summer school

Paris-Saclay

Semester 3

Quantum light Qu. materials Nanoscience

Toronto

Cryptography Qu. control Cold atoms Semester 4

Master thesis internship

Academia Industry Start-ups <u>Qua</u>ntum centers

SCHOLARSHIPS

Quarmen offers scholarships to outstanding students from all over the world.

- Erasmus+: Erasmus Mundus (about 20 scholarships per year): 1,400€/month + fee waiving
- Fee waiving scholarships (about 10 scholarships per year)
- Paris-Saclay scholarships (about 5 scholarships per year): 20,000 € for 2 years

ADMISSIONS

Applicants should have or should be in process to get a **Bachelor degree** (180 ECTS or equivalent) in **physics or related topics** (engineering, computer science, etc.) + **English skills** (TOEFL, IELTS or other proof).

 Applications: www.master-quarmen.eu

Deadlines (check the website for precise dates):

Scholarship applications: each year in February

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