

qplaylearn

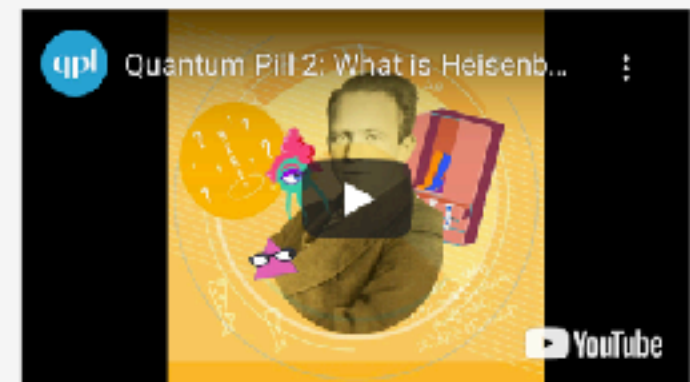
Quantum Hiking 2022 - Parco Nazionale del Gran Paradiso

Q from A to Z

We are a team of scientists and communicators
on a mission to teach the beauty of quantum
science and inform about the impact of quantum
technologies to anyone.

Take our pills

Quantum Pills





For educators, students and the curious

We offer education and training material for teachers who want to introduce the concepts of quantum mechanics to their students in a clear and simple manner.

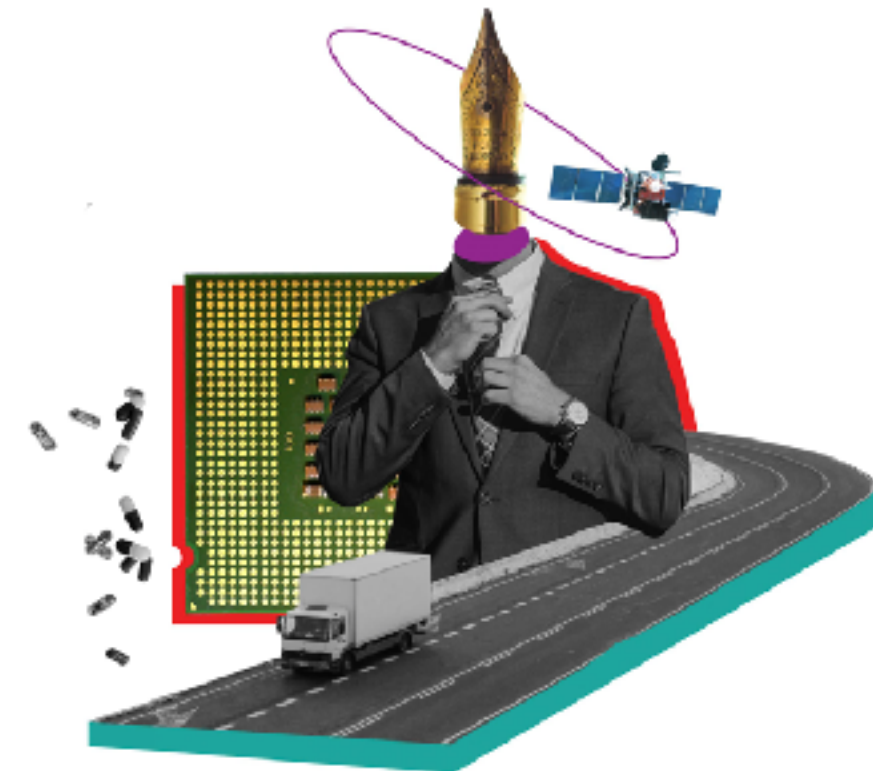
[Learn more](#)

For executives, policy makers and the media

We offer courses and support material for companies, policy makers, and the media, so that they can have a proper understanding of how these technologies work and can be used in a responsible and sustainable way.

[Learn more](#)

BUSINESS & SOCIETY



For artists, curators and cultural managers

We support artists and cultural agents in the production and exhibition of artworks related to quantum physics and technologies, through scientific training, curation, co-production and exhibition space.

[Learn more](#)

ART & CULTURE



Intuition

Build intuition and engagement through games and videos.

playfulness
enjoyability
interactivity

Understanding

Understand physical concepts through easy-to-follow and scientifically accurate descriptions.

quantum pills
videos of the friends
experiments

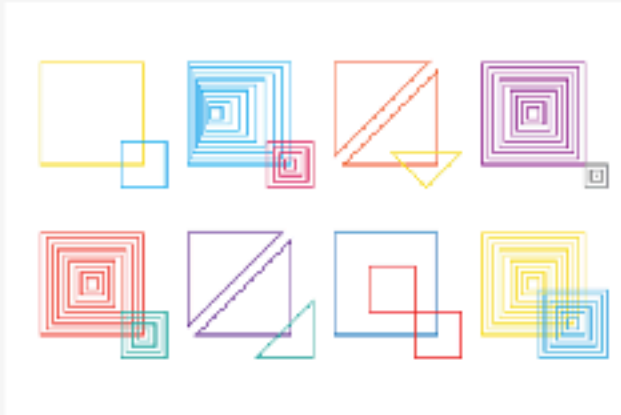
Formalisation

Acquire formal understanding through the mathematics.

formalism
expert audience

EDUCATION

Resources



QUEST-Quantum Dictionary
Education



Photonic Trail
Education



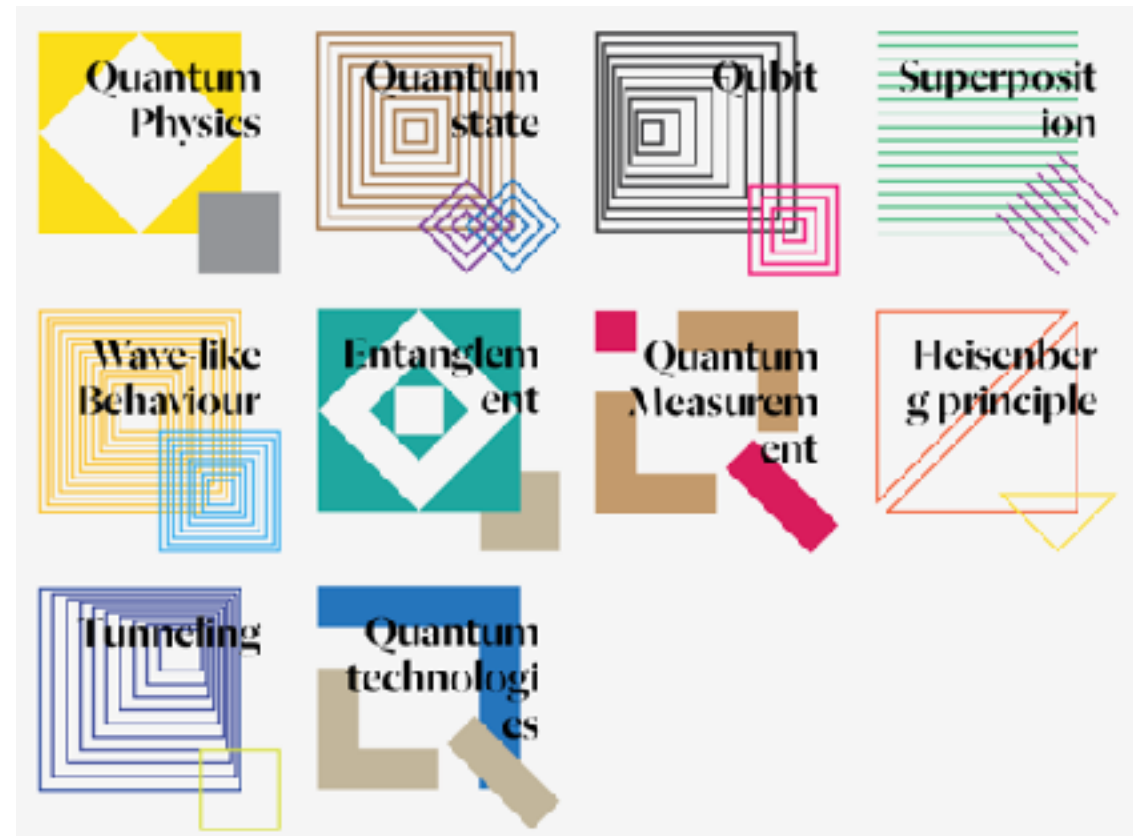
QCards
Training

QUEST

Choose a concept and start qplaylearning.

Quest is a quantum dictionary, a free resource where you can find key concepts of Quantum Physics.

Each entry of the Quantum Dictionary is tackled by our unique methodology relying on three different approaches to learning: we use games, videos, and graphics to form intuition, simple yet accurate explanations to understand physics, and mathematics to formalise your knowledge.

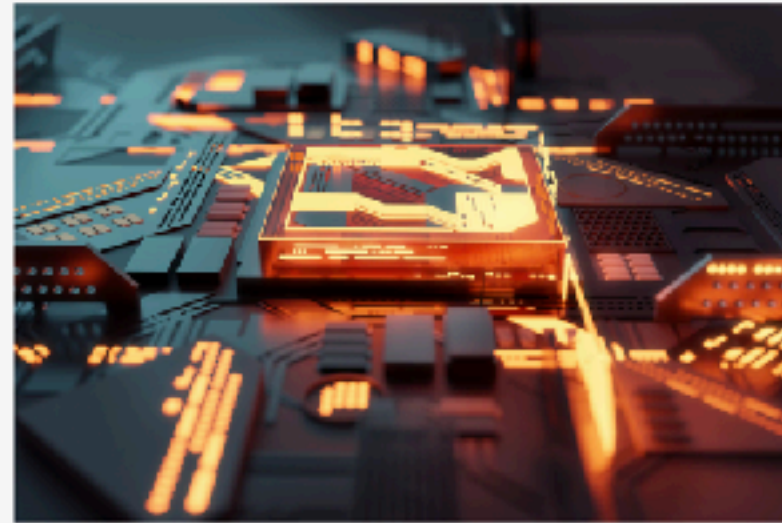


BUSINESS & SOCIETY

Training



Inspiration quantum
Training



Quantum computing - The soft way
Training

General introductory course to the field of quantum technologies with a focus on the use cases of Quantum Computing and the aim of making the learner able to critically read the media on the subject.

Target audience: business' leaders, or managers; policymakers.

Introduction to Quantum Computing: main algorithms, hands-on exercises, platforms overview.

Target audience: employees, students interested in moving towards a career in quantum technology.

ART & CULTURE

Selected projects



Quantum jungle
Art installation

interactive art
installation

Visualisation of a quantum walk; real quantum simulations connected to the springs and the LEDs.



We are bits
VR experience

immersive VR
experience

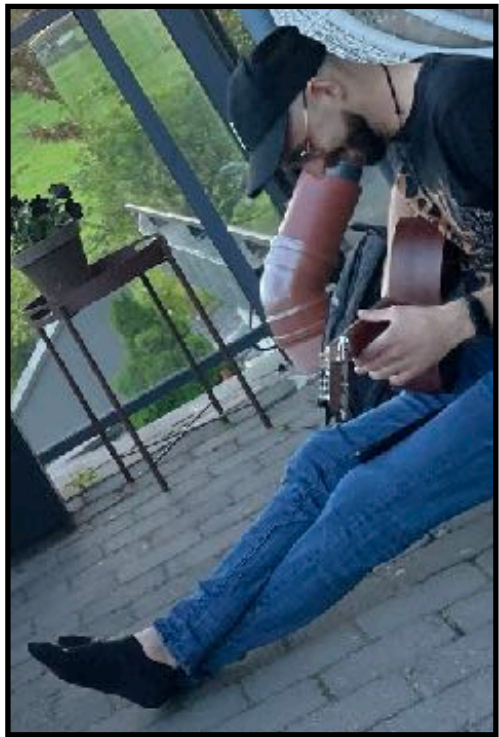
Multidisciplinary project involving virtual reality [VR], contemporary dance, and physics.



Photonic Trail Exhibition
Exhibition

exhibition based
on the online game

Combination of narratives, artistic illustrations and elements of quantum optics explored through an immersive single-player game



Let's COLLAB!





ROLL
I

SCENE
the Quantum
Hikers

TAKE
I

Director

QPLAYLEARN

Date

5-9 July 2022