



International Experts Summit on Quantum Computing and Applications Rome, Italy | June 18-20, 2026

Day 1: June 18, 2026 – Registration & Opening Ceremony

08:00 – 09:00 | Registration & Welcome Coffee

09:00 – 09:30 | Opening Remarks & Keynote Speech

- Welcome Address by Conference Chair
- Keynote Speech: *The Future of Quantum Technologies*

09:30 – 11:00 | Plenary Session 1: Quantum Technologies

- Introduction to quantum computation
Quantum gates and circuits
- Quantum entanglement and superposition

11:00 – 11:15 | Coffee Break

11:15 – 13:00 | Technical Session 1: Quantum parallelism and speedup

- Quantum radar systems
- Quantum AI in natural language processing
- Quantum machine learning for big data

13:00 – 14:00 | Lunch Break

14:00 – 15:30 | Panel Discussion: Quantum Software & Programming

- Software for hybrid quantum-classical workflows

15:30 – 15:45 | Coffee Break

15:45 – 17:30 | Technical Session 2: Applications in Industry & Research

- Quantum robotics and automation
- Quantum finance: risk, pricing, and optimization
- Drug discovery with quantum simulation

18:00 – 19:30 | Welcome Reception & Networking Event

Day 2: June 19, 2026 – Keynotes & Technical Sessions

09:00 – 10:30 | Plenary Session 2: Quantum Hardware & Architectures

- Quantum computing with photonics
- Neutral atom quantum processors
- Scalable quantum processor architectures

10:30 – 10:45 | Coffee Break

10:45 – 12:30 | Technical Session 3: Quantum Communication & Networking

- Quantum key distribution (QKD) protocols
- Quantum repeaters and long-distance entanglement
- Quantum Internet architecture

12:30 – 13:30 | Lunch Break

13:30 – 15:00 | Panel Discussion: Quantum Software, Tools & Platforms

- Quantum cloud platforms and access
- Quantum debugging and visualization tools
- Noise-aware quantum software development

15:00 – 15:15 | Coffee Break

15:15 – 17:00 | Technical Session 4: Applications & Industry Use-Cases

- Quantum applications in financial modeling
- Quantum sensing in defense and aerospace
- Risk analysis and portfolio optimization with quantum tools

19:00 – 21:00 | Conference Gala Dinner & Awards Ceremony

Day 3: June 20, 2026 – Workshops & Industry Presentations

09:00 – 10:30 | Workshop 1: Hybrid quantum-classical algorithms

09:00 – 10:30 | Workshop 2: Trapped ion quantum processors

10:30 – 10:45 | Coffee Break

10:45 – 12:30 | Quantum Communication & Cryptography

- Trusted-node vs. entanglement-based networks
- Entanglement-based secure messaging

12:30 – 13:30 | Lunch Break

13:30 – 15:00 | Closing Remarks & Future Directions

- Best Paper & Presentation Awards
- Conference Summary & Next Edition Announcement

15:00 – 18:00 | Rome, Italy.

Note: The schedule is tentative and subject to change. Participants are encouraged to check for updates closer to the event date.