Global Quantum Mechanics Challenge

Edition of 2026

What is GQMC?

Open for All

- Middle & High School Students
- University Students

Science Competition

3 Rounds, Prizes and Certificates

Quantum Mechanics

Quantum mechanics describes matter and energy at the most fundamental level. From electrons and photons to the principles behind modern technologies!

What makes GQMC unique?

- **Accessibility**
  → International, fully online
- **Diverse Topics**
  → All fields of Quantum Mechanics
- **Research Problems**
  → Based on scientific papers
- **Digital Platform**
  → Login portal & support
- **Student Interaction**
  → Ambassador Program
- **Encouragement**
  → Certificates & recognition

Educating and Encouraging Students in Quantum Mechanics and Modern Physics

Rounds and Process

1. Qualification Round

5 Quantum Mechanics Problems: Wave Mechanics, Quantum States, Spin, …

2. Semi-Final Round

2× Calculation Problems, 1× Research Problem
60-minute exam · 12 EUR Registration Costs (Financial Aid available)

3. Final Round

Final Exam with around 30 Questions · Minutes · Digitally Monitored

Prizes and Awards

Junior Division

- 1st Prize: 250 USD
- 2nd Prize: 175 USD
- 3rd Prize: 125 USD

Youth Division

- 1st Prize: 200 USD
- 2nd Prize: 150 USD
- 3rd Prize: 100 USD

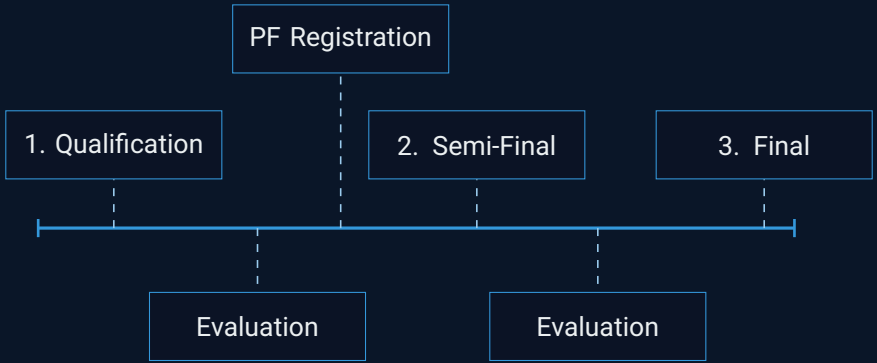
Senior Division

- 1st Prize: 175 USD
- 2nd Prize: 125 USD
- 3rd Prize: 100 USD

Additional Awards

- National Awards
- Honours for Finalists (Bronze, Silver, Gold)
- Participation Certificates for All Entrants

Timetable of 2026



How to participate?

1. Download Problems

glqmc.org/en#qualification

2. Submit Solution

glqmc.org/submission

3. Solve Problems

→ Work alone or in a group
→ Handwritten or computer-typed
→ Show all work and reasoning clearly

Further Information

Links and Resources

- Official Website
  → glqmc.org
- Participant Login
  → glqmc.org/login
- Resources to get started
  → glqmc.org/resources

Contact and Training

- FAQ
  → glqmc.org/support
- Contact Email
  info@glqmc.org
- Training Problems
  glqmc.org/training

Submission Deadline: Friday, 15 May 2026

Participate in GQMC 2026!