TIQIT26 - Selection Criteria

Distribution of Spots The selection process aims to form a group of 40 participants, distributed as follows:

- **16 spots** reserved for students from **Trento University (8)** and **Innsbruck University (8)**, funded by **Euregio**.
- **24 spots** open to participants from other universities.

Eligibility: Only students in their last year of bachelor or in their master's studies are eligible. **PhD students are not eligible for selection.**

The 24 external spots will be distributed approximately as follows:

- **42%** reserved for 3rd-year bachelor students;
- **25%** reserved for 1st-year master students;
- **33%** reserved for last-year master students.

Students following a program structured differently than the standard 3+2 system will be considered **based on their corresponding year of study.**

Prerequisites: A basic knowledge of **Quantum Mechanics** acquired at a university lecture course is a strict requirement for participation. Preference will be given to students enrolled in Physics or Quantum Engineering programs, or those whose master's degree is specifically focused on the topics of the school.

Application Process Registration will be open from **Wednesday the 10th of December 2025 (10:00 CET)** to **Wednesday the 24th of December 2025 (23:59 CET)**.

Candidates will be asked to provide:

1. **A Motivational Letter:** Priority will be given to candidates who demonstrate a genuine specific interest in the event.
2. **Academic Background:** In a dedicated section of the form, candidates are encouraged to provide details on their academic background, relevant courses they

attended, thesis topic internships or anything university related that they think is relevant to the selection process.

Selection Procedure Applications will be evaluated based on academic background, relevant coursework, and the motivational letter.

- **Tie-breakers:** In case of equal merit, priority will be given to ensuring **gender balance**. Furthermore, we aim to favor **international representation** and include students from a **wide variety of universities** to enhance networking opportunities.

Other courses that can help the understanding of the lectures, but not strictly required are:

- Elements of Quantum Mechanics
- Structure of the Matter
- Statistical Quantum Mechanics
- Atomic Physics
- Ultracold Atoms
- Quantum Optics and Photonics
- Quantum computing and quantum information

TIQIT26 Organizing Committee