

I. Research Programmes

I.1 Sparking programme for MSc students

The Center for Integrated Quantum Science and Technology IQST supports talented Master's students from the universities involved in IQST with a scholarship during their Master's thesis. All students who will be writing a Master's thesis in the working group of an IQST Fellow on a topic related to IQST can apply.

Content, objective and scope

The IQST sparking programme brings excellent Master students in touch with quantum research in IQST and funds scholarships for MSc projects in one of the IQST groups.

The mission of the IQST sparking programme is also to support diversity, equality, and internationalisation at IQST. We especially encourage Master students from groups underrepresented in quantum science and technology to apply.

Funding requirements

IQST offers a scholarship for students with a bachelor's degree who would like to pursue a master's degree at an IQST institution. The students are required to carry out their master's thesis in the group of an IQST fellow on a topic that supports IQST's mission. The final award of the fellowship will be conditioned on the acceptance and enrollment in the MSc programmes in an IQST institution.

Funding

The scholarship is granted during the completion of the Master's thesis, the funding period is up to 12 months. The amount of the scholarship is based on the maximum BAföG rate applicable at the time of approval.

In addition, participation and travel costs for the summer schools, meetings, conferences, exchange programs or training courses offered as part of the IQST scholarship program may be granted.

Review Criteria

- the achievements to date in the degree program, the module grades and the final grade of the Bachelor's degree program or existing module grades of the Master's degree program
- strong motivation for quantum science and technology

- special achievements, awards and prizes, previous professional activities or internships
- special personal a/o family circumstances may be considered.

Application

Applicants are invited to submit their application to the IQST office office@iqst.org by **15.05.2025**.

Please send your application (CV, ½-page letter of motivation, Abitur certificate, Bachelor's certificate and transcript of records) as single pdf-document.

In your letter of motivation, please emphasize what fascinates you about quantum science in general and your Master's topic in particular and why you are suitable for the scholarship. Applications that are not submitted in due time and form will not be considered in the selection process.

Based on the above criteria, the IQST Board will evaluate the applications in a timely manner. The best candidates will be invited to a personal interview.

The scholarship is awarded by the University of Stuttgart. The award guidelines of the University of Stuttgart from June 21, 2024 apply.

Application Template

Applicant

Name	Affiliation	Email

IQST fellow / group for MSc thesis:

Name	Affiliation	Email

Preliminary title of MSc thesis:

Required documents:

1. Curriculum vitae
2. Letter of motivation and research interests (1/2 - page):
 - Please briefly explain why you would like to write your thesis in the quantum sciences and in particular with an IQST fellow.
 - Do you have any experiences in quantum science and technology so far?
 - What are your main interests in quantum science?
 - What makes you a qualified candidate for the scholarship?
2. High school final certificate (Abitur certificate or equivalent)
3. Certificates of BSc or equivalent and transcript of records
4. Letter of support and confirmation of planned supervision of MSc project by supervisor of MSc project.
5. If applicable, MSc courses already taken a/o exam results

Application deadline: May 15th, 2025

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