

Supplementary Information on Submitting Applications for the  
Funding Initiative

# Quantum Austria

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Discovering  
what  
matters.

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## 1 Eligible projects

Funding may be requested for projects that are clearly defined in terms of objectives and methods with specific limits in terms of duration and budget in accordance with the requirements of the FWF programs Principal Investigator Projects (previously called Stand-Alone Projects) or Erwin Schrödinger Fellowships including a return phase. Applications must focus thematically on the field of quantum research and quantum technology. Possible research questions may include, for instance, the following topics:

- Specific preparation and control of quantum states;
- New algorithms and mathematical theoretical concepts that make use of the superposition and entanglement of quantum states;
- Developments and applications in quantum communication;
- Quantum sensor technology, quantum metrology, quantum simulation, quantum computing, and quantum information;
- Development of ideas based on quantum phenomena in the neighboring fields of physics, mathematics, chemistry, and in biological systems.

## 2 How to submit an application

Applications under the Quantum Austria Initiative can be submitted according to the guidelines and using the forms of the programs [Principal Investigator Projects](#) (PAT) and [Erwin Schrödinger Fellowships including a return phase](#) (J). The FWF attaches great importance to promoting women and young researchers and therefore encourages them to submit applications under the relevant funding instruments.

Applications may only be submitted via the FWF's electronic application portal ([elane](#)). Please note that PAT is submitted via PROFI and J is submitted "ad personam" and must thus be selected under different positions when submitting an application via elane. When creating an application, applicants must first select the appropriate funding category (PAT or J) and then select **Initiative Quantum Austria** from the **drop-down menu**.

At the end of the online application process for Schrödinger fellowships, a cover sheet is generated which must be sent to the FWF with the relevant signatures and stamps by postal mail or with a qualified electronic signature (for example, Handysignatur (mobile phone signature)) by email ([office@fwf.ac.at](mailto:office@fwf.ac.at)). When submitting PAT online, the application must be approved by your research institution in elane. The application will not be accepted until this approval has been granted.

**Please note:** In addition to the application documents required for submission under the selected program, **the relevance** of the submitted proposal explaining the project's expected contribution to the field of quantum research and quantum technology **must be detailed in an additional form in elane**. On the basis of this program-specific form, the FWF will decide

whether the project submitted actually meets the thematic requirements of the Quantum Austria Initiative.

If the application does not meet the thematic requirements of the initiative, it will **not** be processed and decided upon as a regular project within the respective program category due to the specific requirements that apply for Quantum Austria (see 3. [Eligible costs](#)). The project must be resubmitted in accordance with the applicable program guidelines.

### 3 Eligible costs

When submitting a Principal Investigator Project, funding can be requested for project-specific costs (personnel and non-personnel costs), depending on the project, in line with the applicable guidelines of the respective program. In the case of Principal Investigator Projects, the maximum amount of funding that can be requested is EUR 1 million per project; in the case of applications under Schrödinger, it depends on the amount specified in the current program guidelines. Please note that when submitting a Principal Investigator Project, the number of reviews required depends on the amount of funding requested. For the approval of applications

- Up to EUR 450,000 two reviews are needed,
- Up to EUR 650,000 three reviews are needed, and
- From EUR 650,000 to EUR 1 million, four reviews are needed.

In the case of Schrödinger projects, EUR 20,000 per year is available during the return phase.

### 4 Deadline

The submission of a **Schrödinger fellowship with a shorter duration than the maximum funding period that can be applied for** is possible until **30 June 2024** (14.00 local Vienna time/Austria) via the electronic application portal [elane](#).

The submission of a **Principal Investigator Project** is possible until **30 June 2024** (14.00 local Vienna time/Austria) via the electronic application portal [elane](#).

**Limiting the duration** of the Quantum Austria Initiative **to the period from 2021 to 2026** entails a number of special features which have to be considered at the time of submitting a project (see 6. [Special features of the program](#)).

**For both programs (PAT and J), we recommend contacting the FWF in advance about the funding period that can still be applied for.**

## 5 Decision-making procedure

The decision on the awarding of funding is made within four weeks of the FWF Board's respective decision-making meeting. Under the Development and Resilience Plan (2020-2026), **a separate budget of approx. EUR 30 million** is available for basic research projects funded through the FWF as part of the Quantum Austria Initiative.

## 6 Special features of the program

A special feature of the funding available through the Development and Resilience Plan is its limited duration from 2021-2026. This leads to specific requirements in terms of submitting applications and carrying out projects. The FWF recommends submitting an application as early as possible, ideally in 2022. The projects of the Quantum Austria Initiative funded through the FWF must be finished by **31 March 2026**. The statement of accounts and the reports must be finished no later than one month after the end of the project. **Expenditures as well as cost-neutral extensions that go beyond the above-mentioned period of funding are excluded.**

The FWF's [limit on the number of funded projects](#) in other programs does not apply to applications under the Quantum Austria Initiative.