

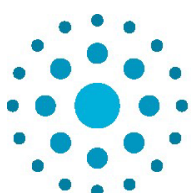


CALL FOR APPLICATIONS FOR DOCTORAL POSITIONS 2024

Launch of the call: March 20, 2024

Deadline of the call: April 22, 2024 at noon

Results: June 7, 2024





PURPOSE OF THE CALL

The Formal, Physical and Engineering Sciences Graduate School and Research, also known as SPECTRUM draws from the excellence of its research laboratories to offer a top-level multidisciplinary education at Master's and Doctoral level, rich in theoretical knowledge and practical applications in mathematics, physics, astrophysics, earth sciences, chemistry and engineering. In this context, interdisciplinary work is strongly encouraged, and disciplinary excellence is required.

SPECTRUM Graduate School invites applications for 3-year PhD positions and is offering up to four IdEx half-grants this year, for a duration of 3 years each (€72k for an IdEx half-grant), as well as one doctoral contract for a project on quantum technologies which could be fully funded by the ANR QuantEdu-France project if no other funding is obtained.

TERMS AND CONDITIONS

ARTICLE 1 - ELIGIBILITY CRITERIA

- The host research team must be a member of SPECTRUM.
- In the case of doctoral contracts co-funded by SPECTRUM, co-funding of up to 50% (72k€) is required with mandatory payment by the partner to UCA.
- In the case of a doctoral contract focusing on quantum technologies, co-funding is an important success factor, but is not compulsory.

ARTICLE 2 – SELECTION CRITERIA

The thesis project must satisfy at least one of the following criteria:

- ◆ The project has international reach, with a strong collaboration with a foreign university (including thesis co-supervision).
- ◆ The project has an industrial link and / or the potential for innovative industrial developments.
- ◆ The project is interdisciplinary within SPECTRUM (between two or more laboratories), or between SPECTRUM and another graduate school of UCA.
- ◆ The project is disruptive and can be submitted to ANR or ERC calls for proposals during or, at the latest, at the end of the doctorate.



Applications for this call will be assessed on the following elements:

- The scientific merit of the proposed project (see documents to be provided for the research project - article 3 of the call for applications).
and
- The caliber of the supervision (see documents to be provided by the supervisor - article 3 of the call for applications. The availability of one or more supervisors in relation to the other current supervisors will also be a deciding factor).
and
- The excellence of the candidate (see documents to be provided by the candidate - article 3 of the call for applications). If some of the items cannot be provided, please contact the SPECTRUM Graduate School (eur-spectrum.direction@univ-cotedazur.fr).
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ARTICLE 3 – WHAT TO INCLUDE IN YOUR APPLICATION

- The application must be written in English.
- **For the research project:**



It should be specified on the cover page of the application which type of funding is sought (full or half).

Applications not complete by April 22, 2024, will not be considered (except for documents relating to the candidate). Applications must be complete by May 20, 2024.

ARTICLE 4 – SELECTION PROCESS

The assessment steps are as follows:

- Preselection of candidates by a subcommittee of the SPECTRUM scientific and pedagogic advisory board in collaboration with members of the QuanteAzur institute for the funding concerned.
- Interview of preselected thesis supervisors with members of the sub-committee of EUR SPECTRUM, and QuanteAzur institute for the funding concerned.
- Interview of the student selected by the thesis supervisor with the head of the relevant discipline in the Doctoral School of Fundamental and Applied Sciences (EDSFA).
- Evaluation by the SPECTRUM Graduate School and QuantAzur institute steering committee of applications within the scope of quantum technology, between June 4 and 6.

ARTICLE 5 - TIMETABLE OF THE CALL FOR PROJECTS

- March 20, 2024: Launch of the call.
- **April 22, 2024 at noon**: Deadline for the submission of applications (same deadline as for the UniCA ministerial doctoral contract competition).
- May 15, 2024: Announcement of the selection of supervisors for interview.
- **May 21 – 22, 2024**: Thesis supervisor interviews.
- **May 23, 2024**: Supervisors are notified of the ranked list.
- **May 22 - 29, 2024**: Interviews (possibly by videoconference) of the selected students with the head of the relevant discipline from the Doctoral School of Fundamental and Applied Sciences.
- **June 5 – 7, 2024**: Applicants are informed of the award of the scholarship.
- June 11, 2024: Posting of results
- **June 12, 2024**: Deadline for acceptance of the scholarship.

ARTICLE 6 - HOW TO APPLY

- Submitted applications must be signed by the Director of the project leader's Research Unit.
- Applications must be submitted via the Nuxeo platform [by clicking on this link](#).
- All the requested documents must be assembled in a single PDF file named as follows: LAST NAME of the project leader_Project acronym_2024.pdf



ARTICLE 7 - RECRUITMENT AND FUNDING TERMS AND CONDITIONS

- The positions offered are fixed-term contracts of three years, beginning on December 1, 2024 at the latest. If this date is not convenient, please contact the SPECTRUM Graduate School (eur-spectrum.direction@univ-cotedazur.fr).
- The employer is Université Côte d'Azur (UCA); all co-funding must therefore be paid to UniCA. If some of the items cannot be provided, please contact the SPECTRUM Graduate School (eur-spectrum.direction@univ-cotedazur.fr).
- The student must reside near the host laboratory for the duration of the contract (with the exception of joint supervision). Thus the place of residence must allow daily access to the laboratory.
- The monthly salary offered is €2,500 gross.

ARTICLE 8 - OTHER GRANTS

These individual PhD scholarships cannot be combined with other grants.

Successful candidates will therefore have to work 100% of their time on the selected research project, with the exception of a possible assistant teaching obligation with the SPECTRUM Graduate School and QuantAzur institute of 64 hours (TD equivalent) per year.

ARTICLE 9 - CHANGE OF SITUATION

It is the responsibility of the successful candidate to notify the Doctoral School of any change in situation or status that may occur during the term of their contract (in particular in the event of recruitment to a permanent contract or official position).

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