



FORMAL, PHYSICAL AND
ENGINEERING SCIENCES
GRADUATE SCHOOL AND RESEARCH



UNIVERSITÉ
CÔTE D'AZUR

CALL FOR PROJECTS FOR DOCTORAL POSITIONS 2022

[Launch of the call : 5 April, 2022](#)

[Deadline of the call : 6 May, 2022 \(12:00 noon\)](#)

[Results : 27 June, 2022](#)





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PURPOSE OF THE CALL

The Formal, Physical and Engineering Sciences Graduate School and Research, also called SPECTRUM, offers 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, disciplinary excellence is required.

SPECTRUM graduate school and research invites applications for 3-year PhD positions as it offers until five thesis half-grants each (€66k for a half-grant).

TERMS AND CONDITIONS

ARTICLE 1 - ELIGIBILITY CRITERIA

- The host research team must be a member of SPECTRUM.

ARTICLE 2 – SELECTION CRITERIA

- The thesis project must satisfy at least one of the following criteria :
 - ◆ The project must be within the scope of the SPECTRUM graduate school and/or the themes of the Complex Systems Academy (in both cases, 50% co-funding is required, 66 k€).

or

- ◆ The project is interdisciplinary within the scope of both SPECTRUM graduate school and the Interdisciplinary Institute for Artificial Intelligence, 3IA (in which case the topic must fall within one of the four axes of the Institute : Fundamental AI, Health, Biology or Smart Territories). All funding is provided by 3IA and SPECTRUM EUR.

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

- The scientific merit of the proposed project (challenges, originality, and technical feasibility, considering the duration of the contract, 3 years) and potential innovative industrial developments.

and

- The caliber of the supervision (the CV of the supervisor(s) including publications and projects in relevant fields, the scientific and technical environment of the project, and the availability of the supervisor(s) in relation to any other current supervisory responsibilities).



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and

- The excellence of the candidate (CV, including a transcript of grades, cover letter, recommendation letter; a letter from the thesis director explaining the link with the IA and the 3IA axes is required to apply to a project co-funded by 3IA).

ARTICLE 3 – WHAT TO INCLUDE IN YOUR APPLICATION

- The application must be written in English.
- **For the research project :**
 - ◆ Project summary (half a page).
 - ◆ Project description (4 pages maximum), including a bibliography and specifying the feasibility and key stages of the project.
 - ◆ A letter of commitment from the partner (€66k for a half-grant).
- **For the supervisor :**
 - ◆ The CV of the supervisor and any co-supervisor (maximum 2 pages).
 - ◆ A list of the major publications over the past 3 years.
 - ◆ A letter of recommendation from the director of the laboratory or the research team who will be hosting the successful candidate.
- **For the candidate (deadline : 20 May, 2022) :**
 - ◆ The CV of the candidate, including the names and recommendation letters of 2 referees as well as academic transcripts and grades (if applicable) of the candidate's undergraduate and master's degree(s).
 - ◆ Cover letter (1 page).
 - ◆ A letter of recommendation
 - ◆ A letter from the supervisor explaining the link with the AI and 3IA axes in the case of a project co-funded by the 3IA.

Applications not complete by 6 May, 2022 will not be considered (except for documents relating to the candidate). Applications must be complete by 20 May, 2022 (including documents relating to the candidate) and applications not complete by this date will not be considered.



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ARTICLE 4 – SELECTION PROCESS

The assessment steps are as follows :

- A subcommittee of the SPECTRUM scientific and pedagogic advisory board in collaboration with members of the 3IA institute and the Academy of excellence of Complex Systems selects a short-list of applications.
- Prospective thesis supervisors of the selected applications attend an interview with members of the SPECTRUM graduate school committee of the scientific and pedagogic advisory board, the 3IA institute and the Academy of excellence of Complex Systems for grants concerned by a cofunding.
- Students of selected supervisors attend an interview with the head of the relevant discipline from the Doctoral School of Fundamental and Applied Sciences.
- Final evaluation by the Scientific Council of the 3IA for applications within the scope of the IA (anticipated date : mid-June 2022).

ARTICLE 5 - TIMETABLE OF THE CALL FOR PROJECTS

- 5 April, 2022 : Launch of the call ;
- **6 May, 2022** (12 p.m) : deadline for the submission of applications ;
- 20 May, 2022 : Announcement of the selection of supervisors for interview ;
- **23 - 27 May, 2022** : Thesis supervisor interviews ;
- 1 June, 2022 : Supervisors will be notified of the ranked list ;
- **7 - 17 June, 2022** : Interviews (possibly by videoconference) of the selected students with the head of the relevant discipline from the Doctoral School of Fundamental and Applied Sciences ;
- 21 - 24 June, 2022 : Applicants are informed of the award of the scholarship ;
- 27 June, 2022 : Posting of results ;
- **30 June, 2022** : 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 gathered and concatenated in a single PDF file named in the following format: LAST NAME of the candidate_Last Name of the supervisor_2022.pdf



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ARTICLE 7 - RECRUITMENT AND FINANCING TERMS AND CONDITIONS

- The positions offered are fixed-term contracts of three years, commencing on December, 1, 2022 at the latest ;
- The employer is Université Côte d'Azur ;
- The student must reside near the host laboratory for the duration of the contract ;
Thus the place of residence must enable daily access to the laboratory.
- The monthly salary offered is €2,500 gross.

ARTICLE 8 - OTHER FUNDING

These individual PhD scholarships cannot be combined with other funding.

Successful candidates will therefore have to work 100% of their time on the selected research project, with the exception of possible assistant teaching in EUR with obligation to teach 64 hours (TD equivalent) per year.

ARTICLE 9 - CHANGE OF SITUATION

It is the responsibility of the recruit 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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