

**INSTITUTE FOR MODELING IN NEUROSCIENCE AND COGNITION
OF UNIVERSITÉ CÔTE D'AZUR**

CALL FOR DOCTORAL APPLICATIONS

2021

In collaboration with



OBJECT OF THE CALL

The NeuroMod Institute for Modeling in Neuroscience and Cognition, first interdisciplinary institute created by Université Côte d'Azur, promotes modeling as an approach for integrating brain mechanisms and cognitive functions. It is the third year that the Institute opens a call for PhD positions to foster interdisciplinary research and training. This call is done in partnership with other components of Université Côte d'Azur (see the special 2021 supervision conditions below). Three PhD fundings are proposed.

RULES OF THE CALL

ARTICLE 1 – ELIGIBILITY REQUIREMENTS

- The hosting team must belong to Université Côte d'Azur.
- The main supervisor must be member of a doctoral school of UCA.

ARTICLE 2 – EVALUATION CRITERIA

- The subject of research must clearly be interdisciplinary, and relevant with respect to the institute disciplines: modeling in a broad sense (mathematics, physics, informatics, data science), neuroscience and cognition.
- Special supervision conditions:
 - For the PhD funding in collaboration with EUR DS4H: The supervisor or co-supervisor needs to belong to a laboratory primarily or secondarily attached to EUR DS4H (see the particular calendar of DS4H: <https://ds4h.univ-cotedazur.eu/education/phd/annual-phd-funding-campaign>)
 - For the PhD funding in collaboration with EUR HEALTHY: The supervisor or co-supervisor eventually must belong to one of the 7 laboratories attached to

HEALTHY and the theme must be relevant to the themes of EUR HEALTHY (sport sciences, health sciences, social and human sciences, particularly psychology)

- The two previous positions are funded with the total amount of 132 000 Euros, which is the classical IDEX UCA^{Jedi} grant. In addition, NeuroMod is proposing 1/3 of a third PhD grant with its IDEX UCA^{Jedi} funds. It is up to the supervisor to be able to prove that this amount can be completed into a full grant of 132 000 euros. If the theme is relevant to the 3IA Institute, the 3IA Institute might fund another 1/2 grant if the supervisor is not already a 3IA chair. In this case, there remains 1/6 of the grant to fund. The UCA^{Jedi} IDEX structure will not allow a funding for a grant which does fulfill the full amount.
- Scientific quality of the project (challenges involved, originality, feasibility within the timeframe of the project).
- Quality of the supervision (CV of supervisor(s) including publications and project management in relation with the project, scientific and technical environment, availability of the supervisor(s) with respect to their supervision load).
- Excellence of the applicant (CV, academic records, motivation letter...)

ARTICLE 3 – DOCUMENTS TO BE PROVIDED

The application and the oral presentation can be either in French or in English, with a preference for English for the application.

Research Project

- Scientific presentation (max. 6 pages), including references and a work plan summary (Gantt chart).
- Argumentation (max. 1 page) concerning the project challenges and its positioning with respect to the NeuroMod institute and the collaborative entity (DS4H, 3IA or HEALTHY).
- Project summary (1/2 page), detailing: primary discipline, secondary discipline, and primary Doctoral School (and secondary if applicable).
- A feasibility engagement signed by both the student and the supervisors.
- *Optionally*: any document likely to support the quality of the student subject.

Supervision

- CV of supervisor and co-supervisor, if applicable, with a list of main publications of the past 3 years (max. 3 pages per advisor).
- Letter of support from the head of the laboratory or team hosting the candidate.
- *Optionally*: any document likely to support the quality of the student supervision.

Concerning the candidate

- CV of the candidate, 2 recommendation letters of previous supervisors or tutors, the transcripts with detailed marks of Master 1. If the Master is not finished yet, a transcript of the grades obtained so far and a letter of the professor in charge of the Master stating at the very least that he/she is confident in the fact that the student will obtain his/her degree. Otherwise, the Master diploma, a complete transcript of the Master 2 or equivalent, and the dissertation with at least a summary in French or English. If available, the rankings among the master students.



- Motivation letter
- *Optionally*: recommendation letters and any document likely to support the quality of the student.

INCOMPLETE APPLICATIONS WILL NOT BE CONSIDERED

ARTICLE 4 – SELECTION COMMITTEE

Applications will be examined by a subset of the Scientific Committee of the NeuroMod Institute and collaborative entity (DS4H, 3IA or HEALTHY), assisted by additional expertise whenever necessary. For instance, the principal doctoral school will be consulted for diploma verification or other expert advices.

The ranking of applications will be sent for validation to the IDEX UCA^{Jedi} bureau, to the collaborative entity (DS4H, 3IA or HEALTHY) and simultaneously to the “Maison des études doctorales”.

ARTICLE 5 – IMPORTANT DATES

N.B.: For the joint grant with DS4H, see the particular calendar: <https://ds4h.univ-cotedazur.eu/education/phd/annual-phd-funding-campaign>

- April 08, 2021: all calls open
- May 18, 2021: deadline for applications for the couple Candidate and PhD supervisor
- June 3, 2021: notification of preselected candidates
- June 7–11, 2021: audition (by videoconference if necessary) of preselected candidates
- June 18, 2021: Decision by the NeuroMod PhD Committee. For joint grant with the 3IA Côte d’Azur, the decision is then submitted to their scientific board.
- July 02, 2021: deadline for accepting the position

ARTICLE 6 – APPLICATION PROCEDURE

The application must be uploaded online by the supervisor of Université Côte d’Azur on the following website:

- For PhD funding in collaboration with 3IA and HEALTHY: Assembled into a single pdf file named as follows: NAME of candidate_First name_neuromod_doc_2021.pdf and uploaded on https://nuxeo.univ-cotedazur.fr/nuxeo/nxdoc/default/8c3dffe8-d4ff-4716-835d-e3a9972d63db/view_documents
- For PhD funding in collaboration with DS4H, please refer to the DS4H/ED STIC common rules.

ARTICLE 7 – FUNDING AND RECRUITMENT

- Limited term contract to begin at latest on January 2022.
- The employer will be Université Côte d’Azur and the PhD student will have to follow the rules of the corresponding primary Doctoral School.
- The recruited candidates are expected to be working 5 days a week on the project in their host laboratory, except special agreement with the supervisors.



- Monthly salary is comparable to Marie Skłodowska-Curie grants (2 000 Euros net per month depending of the university pay scale at the time of employment).

ARTICLE 8 – CUMULATION OF OTHER ACTIVITIES

These positions may not be combined with other activities, except for teaching vacations within Université Côte d'Azur. Indeed the recruited candidates will be expected to work full-time on the research project, with the exception of potential teaching duties (in priority within the NeuroMod Institute training program or one of the collaborative funding entity (HEALTHY, DS4H or 3IA)), up to 64 hours/year of teaching and this in accordance with the corresponding department head.

ARTICLE 9 – NOTIFICATION IN CASE OF CHANGES

If applicable, the recruited candidate must notify Human Resources about any administrative changes which may occur during the contract period.

Contact: neuromod.admin@univ-cotedazur.fr