

NTU - CNRS "Excellence Science" Joint Research Program

Scientific Areas

CNRS and NTU are launching a joint call for proposals in order to develop cooperation in promising themes. This call is **open to all research areas with some focus on Nanoscience; Energy; Quantum physics and technologies; Mathematical sciences; Materials.**

This joint call intends to fund joint research projects for 3 years, including a PhD fellowship on CNRS side, and a PhD fellowship or a postdoctoral fellowship on NTU side.

Eligibility

- Faculty or Research Senior Scientists (NTU); Researchers working in a CNRS unit holding an accreditation to supervise PhD students (HDR)
- A PI cannot submit more than one application in the framework of this call.

Collaborative research

There must be at least one PI from NTU and one PI from CNRS. Those who do not already have a collaborator may consult [CNRS website](#) to find information on the research groups and projects being carried out in each institution.

Amount

The total funding will include:

- the PhD fellowship for the CNRS side for 3 years
- the PhD fellowship or the postdoctoral fellowship for NTU for 3 years
- travel and living expenses for the PhD student or the postdoc fellow in the partner country
- seed funding for travel expenses for the PI on each side

Support period

3 years

Number of awards

Five projects will be jointly selected and funded by CNRS and NTU through this call.

Notification date

End of May 2019

Submission dates:

10 April 2019

Evaluation

Proposals will be evaluated and ranked by a NTU-CNRS committee according to the following criteria:

- Scientific quality & originality of the project
- Scientific merit of the teams
- Synergism between the teams

The proposals must also include an outlined plan for raising external competitive funding (eg EU collaborative grants, national research agency grants, etc.)

Mode of application

NTU applicants should submit in electronic format (Microsoft Word or Adobe PDF) RSO (Attn: Dr Gan Pei Pei) through the School Research Administration office **latest by 10 April 2019**;

CNRS applicants should submit the same file via the dedicated Website:

<https://www.cooperation.cnrs.fr/coopinteer/interne/camList.do?waction=view&codCam=293706>

The proposal should follow the following template:

PART A: Title Page

Title of the proposal, names of the principal investigators and their laboratories, their addresses, telephone, and e-mail. The names of the PhD students can be given if they are already known. Please specify on the Title Page of the application "This application is submitted for consideration within the NTU - CNRS Collaboration Program".

PART B: Description of the scientific project

State of the art of the research area, description of the scientific project and its interest, historical context of application (if applicable), quality and originality of the project, objectives, scientific methodology, expected results and their meaning, future perspectives. Explain the added value of the PhD/Postdoc fellowships in the project. Explain the relation between the project and the research themes of the laboratory.

PART C: Added value of the international cooperation

Describe the added value of the international cooperation to fulfill the aims of the project (explain why the project cannot be carried out at a national level only). Describe the expected benefits for the French and foreign teams. Describe the balance between the contributions of the French and foreign teams.

PART D: Planned activities

Describe the planned activities in the framework of the project and provide a timetable. Explain how these activities will help achieve the aims of the project.

PART E: Budget

Proposed budget including a breakdown of the division of funds, separated into distinct budgets for NTU and CNRS. The budget section regarding travel should contain explicit line items for travel of the PhD student/Postdoc Fellow

PART F: Perspectives & external funding

Outline the proposed plan for raising external competitive funding (eg EU collaborative grants, national research agency grants, etc.)

PART G: Scientific quality of the teams

Scientific quality of the teams. Please attach in annex a list of complete citations (no more than 10 publications) related to the project for each team. This list is not taken into account for the page limit. Authors from the respective laboratories must be clearly indicated on the author lists with superscript or parenthesized letters corresponding to the respective countries, for example Dupont JP (FR)...

PART H: Short curriculum vitae

PART I: Ethics / Integrity

Does the project raise ethical questions? If yes, please describe them and how they are dealt with.