



Call for projects

LAPHIA – IdEx Bordeaux

Year 2020



université
de **BORDEAUX**



INSTITUT
d'OPTIQUE 
GRADUATE SCHOOL

LAPHIA RESEARCH PROGRAM

The general principle of LAPHIA's call for projects is to support innovative research initiatives in laser, photonics materials and imaging. The applications are evaluated by external referees and by members of the Scientific Council. The research projects are then approved by the Board of Directors, according to the global strategy of the cluster and to the following criteria:

- Foster cooperation between the LAPHIA teams (Cluster added value)
- Support the highest quality projects (scientific excellence)
- Support projects consistent with the LAPHIA local structure

While the funding will be mostly devoted to LAPHIA partners, collaborations with other IdEx partners will be welcomed, as well as collaborations with non-funded external partners. The key objective is to ensure that LAPHIA has a dynamic effect on its environment, either in the core disciplines or in neighboring disciplines.

LAPHIA support intends to provide a leverage financial effect. While no prefunding is required, it is expected from the project leaders to seek for and point out (a posteriori) any extra-funding that could consolidate the first LAPHIA support. Besides, the LAPHIA support can be used as a refill to an already existing project involving one or several teams of the Cluster (provided the project leader can demonstrate a major scientific added value and an organizational synergetic effect of the LAPHIA support).

As French and European agencies already provide dedicated funding's to mid-term projects (2 to 4 years), LAPHIA support intent to be complementary – in particular for short-term high-risk projects or help structuring long-term projects.

For this annual call for projects, we propose to support:

- **Risky Project (RP)**
- **Passport Project (PP)**
- **Research Mobility Project (RM)** for teams.

The involved resources will be distributed across the 10 LAPHIA laboratory partners.

1. What are Risky Projects ?

Risky projects (RP) are small projects with a reduced staff and lasting 1 year. The main idea is *to promote potential new breakthrough ideas*, with high risk scientific challenges but also with high possible pay-off.

These projects will be considered as start-up seeds for more ambitious research projects that could possibly be submitted either to the LAPHIA Call for large collaborative research projects and/or national or international funding calls.

RP budgets can be devoted to human potential (12 months postdoc or engineer¹) or/and to environment fees (*consumables, small equipment*²) and/or equipment³ according to the specific requirements of the project proposed. For more details regarding the eligibility of the expenses, please refer to the part “4.5. Expenditures”.

A risky project should last one year. However, the project can be extended; a letter has to be sent to the Direction of LAPHIA (dir.laphia@u-bordeaux.fr) by the coordinator of the project. The reasons of the extension have to be clearly presented.

¹ Post doc or engineer salary: 50 000 euros maximum per year (The amount of the salary will depend on the “Charte de Gestion” of the Bordeaux University)

² Small equipment: < 4000 euros excl. tax. (ANR-IA rules)

³ Equipment: > 4000 euros excl. tax. (ANR-IA rules)

2. What are Passport Projects?

Passport project (PP) are dedicated to *the validation of an original idea before launching a patent or a large industrial project*. This kind of 1 year project can reduce the overall cost for PI and guarantee a large success for the transfer of knowledge. We recommend at least having one company that vouch for market existence of the targeted product technology developed within the passport project.

PP budgets can be devoted to human potential (12 months postdoc or engineer⁴) or/and to environment fees (*consumables, small equipment*⁵) and equipment⁶ according to the specific requirements of the project proposed. For more details regarding the eligibility of the expenses, please refer to the part “4.5. Expenditures”.

A passport project should last one year. However, the project can be extended; a letter has to be sent to the Direction of LAPHIA (dir.laphia@u-bordeaux.fr) by the coordinator of the project. The reasons of the extension have to be clearly presented.

⁴ Post doc or engineer salary: 50 000 euros maximum per year (The amount of the salary will depend on the “Charte de Gestion” of the Bordeaux University)

⁵ Small equipment: < 4000 euros excl. tax. (ANR-IA rules)

⁶ Equipment : > 4000 euros excl. tax. (ANR-IA rules)

3. What are research Mobility Projects?

One of the LAPHIA long-term objectives is to implement an ambitious international policy, with mobility actions directed both to students, faculties and the researchers. In this research call, **mobility for researchers** can be funded. These grants are meant to facilitate international exchanges between researchers from LAPHIA and international researchers in foreign universities. This tool should enhance the international visibility of LAPHIA and the Université de Bordeaux as a whole.

Researchers, post-doc fellows as well as PhD students will be welcome to apply.

The budget is mainly devoted to mobility support for a LAPHIA researcher in a first-class host laboratory and for workshop organization. Environment fees (consumables) are also eligible. Equipment for experimental setup can also be exceptionally funded if this is mandatory for the project realization.

A research mobility project could last 2 years. However, the project can be extended; a letter has to be sent to the Direction of LAPHIA (dir.laphia@u-bordeaux.fr) by the coordinator of the project. The reasons of the extension have to be clearly presented.

4. Research call - Procedure

4.1 Schedule and practical terms

All applications should to be uploaded online: <http://idex.u-bordeaux.fr/LAPHIA-Research-Calls>

The application main document (*LAPHIA-AAP2020-Project_proposal.doc*) is available for download online: <http://idex.u-bordeaux.fr/LAPHIA-Research-Calls>

The final document must not exceed 10 pages (included appendices); police: Arial/Times - 11.

- Launch of the call of proposals – Year 2020: **August 1st, 2019**
- Deadline for submitting application files: **September 15th, 2019 (midday Paris Time)**.
- Evaluation of the proposals: **September-October 2019**
- Publication of the results: **end october 2019**
- Funding availability: **November 2019**
- Deadline for recruitment: **end of 2019**

This AAP2020 will be the last call for projects organized by the LAPHIA. The IdEx's financial rules impose us to recruit postdocs and engineers before the end of 2019. Thus, the contracts will last to the end of 2020.

We strongly recommend you to seek for a candidate while your projects is evaluated by the LAPHIA (do not wait for the AAP2020 results to be sure you will be able to recruit someone before the end of 2019). If two projects are ranked equally, the one with one potential candidate will have the priority.

4.2 Project partner definition

We consider as a **partner**: a company, a laboratory or/and a national or international university which involves staff from its institution in the project (person/months) and/or provides access to specific equipment mandatory for the project realization.

For a national partner, the director must sign the application. For an international partner, at least, the signature of the PI is mandatory.

A recommendation letter can be added to the application.

All partners of the project must sign the application before the call deadline. Any application without all required signatures will be considered as ineligible.

4.3 Language

The proposals can be written in French or in English (strongly recommended as the project could be sent to an international reviewer and the Board of directors could ask the coordinator to translate the project in English).

4.4 Project evaluation

Members of the LAPHIA Scientific council and/or external referees will review the projects. For more information, the evaluation form is available online:

<http://idex.u-bordeaux.fr/LAPHIA-Research-Calls>

4.5 Expenditures

Eligible expenditures

→ All expenditures must be directly related to the LAPHIA research project.

Operating expenditure: consumables, documentation, digital resources, small equipment (of a unit value equal to or less than €4,000 excluding tax); internships, travel expenses of permanent or temporary personnel allocated to the project; intellectual property costs of patents or licences induced by the operation...

Personnel expenditure directly related to the project (Post doc positions or research engineer positions).

Equipment according to the specific requirements of the project proposed (of a unit value superior as €4,000 excluding tax).

Non-eligible expenditures

Salary for invited professors; temporary personnel contracts of a duration exceeding 3 months; visa fees...

Please consult the ANR - IdEx rules for expenditures:

<http://www.agence-nationale-recherche.fr/fileadmin/documents/ia-rf-idex.pdf>

→ For any question regarding the eligibility, please contact: raphaël.collas@u-bordeaux.fr or manager.laphia@u-bordeaux.fr.

4.5 Involvement and report

The coordinators who receive funds from LAPHIA have to respect the rules established by LAPHIA – IdEx Bordeaux regarding the publication of the results and the communication.

The sentence for the publication is the following:

This study has been carried out with financial support from the French State, managed by the French National Research Agency (ANR) in the frame of “the Investments for the future” Programme IdEx Bordeaux – Cluster of excellence LAPHIA (ANR-10-IDEX-03-02).

The logos of LAPHIA, Investissements d’Avenir and Initiative d’Excellence have to be published, please find all the communication rules here:

<http://laphia.labex.u-bordeaux.fr/Communication/Regles-de-communication/r968.html>

A general presentation of the LAPHIA projects will be organized during the international symposium of LAPHIA.

At the end of the project, an annual report has to be sent to manager.laphia@u-bordeaux.fr (the coordinator has to send the final report 1 month maximum after the end of the project). The coordinator could be invited to present the report to the members of the Scientific Council.



CONTACT

LAPHIA

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