



CALL FOR DOCTORAL APPLICATIONS 2026

The Idex structuring program on
Innovative Materials opens a call for the
recruitment of 2 *PhDs*

Deadlines

- Call Announcement: March 27th 2026
- Project application: May 15th 2026
- Project preselection: May 30th 2026
- Oral presentation for Principal Investigator: between June 05 and June 15th
- Result Announcement: June 24th

Eligibility

To be eligible, the projects must:

- Fall within the scientific scope of Innovative Materials Idex structuring program (see description below)
- Involve research teams belonging to the laboratories affiliated to the Innovative Material Idex program: CRHEA, INPHYNI, Centre INRIA UniCA, LAGRANGE, LJAD, LEAT, CAL, ICN, I3S, ARTEMIS, GEOAZUR, IPMC

Collaborations between different laboratories are welcome.

Innovative Materials IDEX structuring program

The aim is to develop a structured program focused on innovative materials and their use in the creation of new devices. The materials concerned include both epitaxial semiconductors, such as element III nitrides, and materials processed using micro- and nanofabrication platforms available at the university's technological platforms.

The applications targeted by these innovative materials fall within the fields of microelectronics and photonics.

Projects supported by this innovative materials program must demonstrate the added value of materials developed or micro-nanostructured in the IDEX laboratories. This will strengthen activities where innovative materials play a key role and consolidate expertise in the areas of development and micro-nanofabrication. Supported projects must be consistent with existing or planned investments at the IDEX site.

The design and modeling of innovative material properties using advanced numerical methods such as machine learning and artificial intelligence are integrated to this structuring program. Developments in this area will foster collaboration with the 3IA Côte d'Azur Institute (AI Cluster).

Several themes have been identified. These are complemented by an Emerging Research Axis focused on innovative materials, which will enable the implementation of projects on new topics whose scientific significance may become apparent during the program's duration.

- Electronics for communications and the energy transition
- Photonics
- Devices for Health applications
- Quantum technologies
- Numerical modeling of innovative materials and new computational paradigms
- Emergence around innovative materials

SELECTION PROCESS

The selection of the Innovative Materials fellowships will take place in three stages:

May 15th, 2026: deadline for submission of the project description to the program manager (Anna.BLIZNYUK@univ-cotedazur.fr)

The Innovative Materials template form should be used.
A candidate name is not required at this stage.

Applications will be evaluated by a panel of experts (Innovative materials experts + external reviewer). Projects will be ranked by the Board of Innovative materials program.

A limited number of applications will be selected based on the relevance to the IDEX program, scientific quality and supervision quality.

The selected applications will be presented orally by the principal investigator.

Once the project is selected, the principal investigator should submit the CV and the academic results of the candidate to Anna.BLIZNYUK@univ-cotedazur.fr before the end of 2026. The Innovative materials board will check the quality of the CV. The candidates might be rejected if their profile is not in adequation with the IDEX standard of excellence.

SALARY

- The salary for a PhD is 2863 € Gross /2301 € net salary per month. (Total employer cost of 144,340 k€ for 3 years)

FULL APPLICATION FILE

All documents must be submitted in English.

The application should be submitted following the template provided with the call.

1. Research Project (max 4 pages)

- Project Title
- Project summary (max ½ page)
- Project description (max 3 pages), including:
 - Scientific objectives
 - Context and state of the art
 - Methodology - Feasibility within 3 years
 - Originality, key features, innovative aspects
 - Adequacy with Innovative materials program
- Relevance and complementarity of the consortium (max ½ page)

2. Supervision

- Short CV of the supervisor (co-supervisor if applicable) with up to five relevant publications

Each application must be approved by the direction of the host laboratory.

A maximum of 5 applications can be submitted by members of a laboratory. If the potential number is larger, a preselection should be operated by the laboratory's direction

The application including the research project and supervision parts should be submitted in one single pdf file. Nameoftheapplicant_projectacronym_2026.pdf

To download the call description and the template, follow this link:

<https://univ-cotedazur.fr/universite/idex/innovative-materials-idex-structuring-program>