

Call for Doctoral mobility projects 2026

The **AMUtech Institute**, established on 1 January 2021, aims to stimulate and coordinate expertise in materials science and nanotechnologies at Aix-Marseille University. To this end, it fosters collaboration between research units, strengthens the link between education and research, develops shared platforms, and contributes to the site's attractiveness and socio-economic impact.

The Institute relies on the synergy of skills and resources from research units in physics and chemistry at Aix-Marseille, focused on materials science and nanotechnologies. The objective is to develop new materials at mesoscopic and macroscopic scales, with a particular emphasis on smart materials and optronics.

The purpose of this call for projects, which forms part of the actions of the **AMUtech PhD Programme**, is to fund **international mobility internships for doctoral candidates** from research units **within the Institute's scope**.

Eligibility criteria

Applicants must meet the following criteria:

- Conduct research aligned with AMUtech's objectives in **advanced materials and nanotechnologies**. These research areas are presented as keywords (see table below) for guidance only and are not exhaustive.

Reference table			
Advanced materials		Nanotechnologies	
Quantum matter	2D materials, Topological materials, 2D Phases, VAN stacking, Nanoparticles...	Quantum technologies	Heterogeneous integration, Spintronics, Hybrid semiconductors, Conversion devices...
Molecular electronics	Organic semiconductors, SAMs, Conducting polymers, Flexible electronics	Optoelectronics	Rectenna, Photonics, Detection, ICT, Nanophotonic materials, Photovoltaics...
Surfaces/Interfaces	Adsorption, Desorption, Surface functionalization, Surface structuring, Metasurfaces, Buried interfaces...	Catalysis	Photocatalysis, Supported catalysis, Heterogeneous catalysis, Nanocatalysis...
Sensors	Pollutant detection, Environmental sensors, Depolluting agents...	Energy capture and storage	Micro and nano batteries, Supercapacitors...
Durability	Material degradability, Recyclable materials, Materials designed for recyclability...	Frugal technologies	Biomaterials, Green technologies, Memory devices et technologies, Circuits, Recovery...
AI for materials	Prediction, Design, Optimization...	AI for quantum technologies	Algorithms, Quantum computing...



- Be enrolled in a doctoral school associated with AMUtech (ED 250, ED 352 or ED 353).
- Be supervised by a PhD advisor affiliated with AMUtech.
- Priority will be given to projects initiating new international collaborations and to doctoral candidates in their first or second year of doctoral studies.

Funding terms

The outgoing mobility grant is awarded for a period of **one to three months**.

The grant amounts to **€600 per month for mobility within Europe and €1,000 per month for mobility outside Europe**. It is paid in a single instalment by bank transfer at the time of departure abroad.

This grant **may be combined with other mobility or study grants** (notably Erasmus+, TIGER, AMI-MESRI, and PRAME mobility grants from the PACA Regional Council), with higher education need-based grants, or with an internship allowance, **provided that the total monthly funding received does not exceed €2,000**.

Beneficiaries must sign a declaration certifying compliance with this ceiling.

A certificate of attendance, issued by the host institution, will be required for the entire mobility period.

Finally, awardees will be asked to submit a short report in the year following the mobility in order to assess its outcomes and impact.

Application file

To apply, candidates must submit a complete application file including:

- A CV
- A cover letter and a detailed programme specifying the proposed mobility dates
- A letter of support from the PhD supervisor
- A letter of acceptance or commitment from the host laboratory

Evaluation

Applications will be assessed by an internal evaluation committee, partly composed of members of AMUtech's Training Committee.

Deadline

Applications are reviewed on a rolling basis and must be sent to: amutech-direction@univ-amu.fr