

Postdoctoral position(s) in Advanced Manufacturing

CONTEXT

15 x 3 year – postdoctoral fellowships in the field of Advanced Manufacturing offered in the framework of the ADAGIO project.

5 positions opened at the University of Bordeaux / 10 positions opened at the University of the Basque Country.

ADAGIO (Advanced Manufacturing Research Fellowship Programme in the Basque – New Aquitaine Region) is an international fellowship programme aiming at attracting talented post-doc scientists to develop their 3 year projects in the University of Bordeaux or University of Basque Country laboratories.

The candidates will design their research project in the area of Advanced Manufacturing and specifically in the following fields:

- Advanced Materials & Processes
- Intelligent, Flexible & Efficient Production Systems
- Digital & Connected Factory
- Energy Efficiency
- Sustainable Manufacturing

ACTIVITES

1. The Fellows will **develop their own innovative scientific projects independently** within a network of internationally recognized European universities, research centres and R&D companies.
2. The Fellows will be strongly encouraged **to participate in international research networks** in order to acquaint themselves with the international research community active in their field and **explore other research and employment opportunities** both in the region and abroad.
3. The fellows will be trained in relevant scientific and research techniques in order **to improve their scientific background by broadening their specific research skills and acquiring new transversal ones.**
4. The Fellows will be strongly encouraged to carry out secondments for a minimum period of 3 months and a maximum period of 12 months in a partner organisations (collaborating industries and non-academic research centres)

ELIGIBILITY CRITERIA

- To be Experienced Researchers (ER): **to hold a doctoral degree (PhD) at the date of the call deadline.**
Research fields: **Engineering:** PhD or equivalent, **Computer science:** PhD or equivalent, **Chemistry:** PhD or equivalent or equivalent, **Technology:** PhD or equivalent, **Physics:** PhD or equivalent, **Mathematics:** PhD or equivalent
- **To comply with the MSCA mobility rule:** not have resided or carried out their main activity (work, studies, etc.) in the country of the recruiting institution (Spain and/or France) for more than 12 months in the 3 years immediately prior to the respective call deadline.
- Applicants **cannot be permanent employees of any of the hosting organisations**
- Applicants must be able **to communicate fluently in English (written and spoken).** This last aspect will be checked during the interview process.
- To **submit a complete application,** including all required documentation, before the call deadline.

Selection process :

The fellows' selection process will be organised as a single-stage evaluation implemented by distinct actions and actors, and will last approximately 6-7 months. The individual steps making up the overall selection process are described below:

- **1st Step** - Submission of applications. Once the call is launched, candidates will have 2 months to submit their application and the requested documentation.

- **2nd Step** - Eligibility check. If an application lacks some critical documentation or information, candidates will be given 10 working days to rectify the situation. Those applications that are not complete will be rejected and therefore not evaluated.

- **3rd Step** - Evaluation Phase. Once the eligibility of all applications has been checked, the evaluation package will be evaluated by international and independent experts. Each application will be evaluated by 2 international experts.

All candidates will be required to include an ethics self-assessment based on the standard EU Ethics Self-assessment procedure.

- **4th Step** – Interview and selection of the candidates. Only those candidates in the top 16 positions in call 1, and 14 positions in call 2, will be invited to interview. All interviews will be in English.

Approximately 8 candidates will be selected in the first call and approximately 7 in the second call (December 2022). 10 candidates will be contracted by the University of the Basque Country and 5 candidates by the University of Bordeaux.

1st call deadline: March, 31st, 2022

Fellowship starting between October 2022 and December 2022 (depending on administrative requirements).

For additional details:

<https://www.ehu.eus/cofund-adagio>

ADDITIONAL INFORMATION

- University of Bordeaux (5 positions) or University of Basque Country laboratories (10 positions)
- Duration: 36 months
- Salary: MSCA Cofund
- Beginning: october 2022