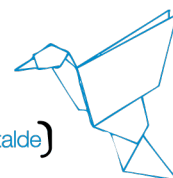


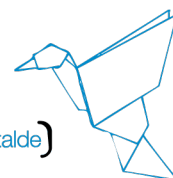
Research Technician: Modelling of degradation processes with Bayesian statistics

Job Offer	
Topics:	<p>The Basque Center for Applied Mathematics - BCAM, is looking for a Research Technician position in Modelling of degradation processes with Bayesian statistics in the Machine Learning (ML) group.</p> <p>The candidate will work under the supervision of researcher Felipe Ponce on Data Science and Artificial Intelligence area. The initial duration of the contract will be 6 months.</p> <p>In this project, the researcher will assist the team on the completion of the statistical analysis of a degradation process following a Bayesian workflow.</p> <p>This project is in collaboration with the industry, and the results will contribute to the monitoring and optimization of industrial processes.</p> <p>The researcher will assist in the implementation of Bayesian models and tests in Python, and communicate the results in reports and a scientific article. The researcher will have the autonomy to explore various models, tests, and methods within a Bayesian framework.</p>
PIs in charge:	Felipe Ponce Vanegas
Salary and conditions:	<p>The gross annual salary of the Fellowship will be 20.258€-30.744€</p> <p>It will then be on your own responsibility to make your yearly income declaration at the Bizkaia Treasury Agency.</p> <p>Additionally, we offer a moving allowance up to 1.000€.</p> <p>Should the researcher have a family at the time of recruitment:</p> <ul style="list-style-type: none"> a) 1.000€ gross in a single payment will be offered (you must be married-official register or with children and the certificate to prove it must be sent).



	<p>b) 600€ gross per year/per child (up to 2 children) will be offered (the certificate to prove it must be sent).</p> <p><i>Free access to the Public Health System in Spain is provided to all employees.</i></p>
Nº Positions offered:	1
Contract and offer:	6 months
Deadline:	June 2nd, 2025, 14:00 CET (UTC+1)
How to apply:	Applications must be submitted on-line at: https://joboffers.bcamath.org

Scientific Profile Requested	
Requirements:	<ul style="list-style-type: none"> Promising young researchers Applicants must have their Bachelor's or Master degree preferable in Mathematics, or related fields To work in-person at least two days a week at the Centro de Fabricación Avanzada Aeronáutica (CFAA) in Zamudio.
Skills and track-record:	<p>Although the requirements can be adapted to the different candidate profiles, a strong candidate needs to possess the following skills:</p> <ul style="list-style-type: none"> Good interpersonal skills. Demonstrated ability to work independently and as part of a collaborative research team. Ability to present and publish research outcomes in spoken (talks) and written (papers) form. Ability to effectively communicate and present research ideas to researchers and stakeholders with different backgrounds. Fluency in spoken and written English. Basic knowledge of statistics. Basic proficiency in Python.
Scientific Profile:	<p>A successful candidate should be willing to:</p> <ul style="list-style-type: none"> Learn new skills and theoretical concepts. Communicate with engineers on technical subjects. Interest and disposition to work in interdisciplinary groups.



Application and Selection Process	
Formal Requirements:	<p>The selected candidate must have applied before the application deadline online at the webpage: https://joboffers.bcamath.org</p> <p>The candidates that do not fulfil the mandatory requirements will not be evaluated with respect to their scientific profile.</p>
Application:	<p>Required documents:</p> <ul style="list-style-type: none"> • CV • Letter of interest • 2 recommendation letters • Statement of past and proposed future research (2-3 pages)
Evaluation:	<p>Based on the provided application documents of each candidate, the evaluation committee will evaluate qualitatively: the adaption of the previous training and career to the profile offered, the recommendation letters, the main results achieved (papers, proceedings, etc.), the statement of past and proposed future research and other merits; taking in account the alignment of these items to the topic offered.</p>
Incorporation:	As soon as possible

