basque center for applied mathematics

EXCELENCIA SEVERO OCHOA

IC2025_10_04 BCAM International Call

Research Technician in Mathematical Applications

Job Offer	
Topics:	**The Basque Center for Applied Mathematics is hiring a Research Technician for a position in mathematical Applications The initial duration is of two years. This project has been funded by the Basque Government grants (Ikerlan Program) for hiring unemployed young people to carry out research projects in Basque companies.** The mission of this profile is to collaborate with the centre's Knowledge Transfer Unit (KTU) to develop mathematical solutions for scientific challenges based on real-life applications in the field of renewable energy, with the possibility of extending its scope to other areas. The task to be carried out will be: • Research and feasibility study on the applicability of the models developed • Identification of transferable results in the field of renewable energy. • Data analytics • Control and protection of software developed at BCAM. • Management of industrial property in industrial projects and exploitation of results. The starting date is as soon as possible, before November 30, 2025, and the initial duration of the contract will be for two years.The fellow will enter BCAM under the supervision of General Manager Lorea Gómez. If you are a young graduate passionate about Mathematical solutions in the energy sector and eager to embark on a research career at BCAM, this opportunity is for you. Apply now and become part of our dedicated team at BCAM.
PI in charge:	General Manager Lorea Gómez
Salary and conditions:	**The gross annual salary of the Fellowship will be 20.258€- 28.505€**

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Contract and offer:	**2 years**
Deadline:	**10/11/2025 14:00 CET**
How to apply:	Applications must be submitted on-line at: https://www.lanbide.euskadi.eus/inicio/

Scientific Profile Requested	
Requirements:	• Promising young researchers • University degree (Bachelor's, Master's or Graduate degree) required. • Candidates may have any of the following backgrounds: Mathematics, Statistics, Physics, Engineering and Computer Science (or similar). • Good command of the English language. • Knowledge of data analysis statistics (regression methods, time series analysis, multivariate analysis, clustering methods), machine learning techniques (neural networks, random forests, decision trees, SVMs, etc.) and optimisation (linear programming, metaheuristics, multi-objective optimisation, large-scale optimisation, etc.). • Knowledge of database management and data visualisation. • Ability to analyse data, perform statistical analyses, prepare scientific reports and interpret results. • Solid programming skills in R, Python and/or MATLAB. • Knowledge of code repositories: GitHub or similar • Experience in research in statistics and/or machine learning applied to interdisciplinary applications.
Skills and track-record:	• Good interpersonal skills. • Knowledge of database languages (e.g. SQL) and Big Data technologies (e.g. Hadoop, etc.) will be valued. • Proven ability to work independently and as part of a collaborative research team. • Ability to present and publish research results orally (talks) and in writing (articles). • Ability to effectively communicate and present research ideas to researchers and stakeholders from different backgrounds.

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Application and Selection Process	
Formal Requirements:	The selected candidate must have applied before the application deadline online at the Lanbide webpage with code"162025012042": : https://web.lanbide.eus/apps/OF_DETALLE_OFERTA_TRABAJO?LG=C&ML=OFEMEN1&MS=Eaaa&IDRG=162025012042&CTRG=1
Application:	Registration with Lanbide as a job seeker is required: https://www.lanbide.euskadi.eus/inicio/ •
Evaluation:	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.

Incorporation:	***As soon as possible, by 30 November 2025 at the latest***

Lanbide EUSKAL ENPLEGU ZERBITZU PUBLIKOA SERVICIO PÚBLICO VASCO DE EMPLEO

EUSKO JAURLARITZA GOBIERNO VASCO
HEZKUNTZA, UNIBERTSITATE ETA IKERKETA SAILA
DEPARTAMENTO DE EDUCACIÓN, UNIVERSIDADES E INVESTIGACIÓN