IC2020_06_POSTDOCTORAL FELLOWSHIP_AS

Bizkaia talent

Company Description

BCAM is the research center on applied mathematics created with the support of the Basque Government and the University of the Basque Country, which aims to strengthen the Basque science and technology system, by performing interdisciplinary research in the frontiers of mathematics, talented scientists' training and attraction, so the excellence of our results are recognized by the Society.

Information

📅 Deadline: 2020-07-13
📋 Category: Business
🚩 Province: Bizkaia

💲 Country: Basque Country
🏛 City: Bilbao

Company

BCAM

(bcam)
basque center for applied mathematics

Main functions, requisites & benefits

Main functions

In the framework of the BCAM "Maths & Artificial Intelligence" strategy, a series of projects in this field will be launched in different areas of Applied Mathematics. This project is titled "Fair Learning in Health" and deals with the development of mathematical models aimed at detecting and ensuring non-discriminatory and fair decisions based on artificial intelligence (AI) algorithms. Special focus will be placed on Health Applications.

Requisites

Requirements: Promising young researchers. Applicants must have their PhD completed before the contract starts. PhD degree preferable in Mathematics, Statistics or related fields. Skills and Track-Record: Good interpersonal skills. A proven track record in quality research, as evidenced by research publications in top scientific journals and conferences. 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. Scientific Profile: The preferred candidate will have: Strong background in mathematics/probability/statistics. Knowledge in algorithmic fairness is desired. Good programming skills in R, Python and/or C/C++. Interest and disposition to work in interdisciplinary groups.