## 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: 2023-04-10
- Category: Business
- Province: Bizkaia
- Country: Basque Country
- City: Bilbao

Company

BCAM

(bcam) basque center for applied mathematics

Main functions, requisites & benefits

Main functions

BCAM is offering a postdoctoral position to work in Topological and Geometrical data analysis, Artificial Intelligence, High-performance computing, Big-data science, Information theory and Neuroscience. The researcher will work at Mathematical, Computational and Experimental Neuroscience group with Serafim Rodrigues.

Requisites

Promising young researchers. Applicants must have their PhD completed before the contract starts.
  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.
   The preferred candidate will have: Strong background in mathematics or computational mathematics or Mathematical and Computational Neuroscience Strong background in Topological and Geometrical data analysis, notions of Artificial Intelligence/Machine learning and notions of high- performance computing. Desirable: Information theory, Bayesian inference, Information geometry Desirable: Experience with high-dimensional multi-modal data, Neuroscience, multidisciplinary research. Good programming skills in R, Python and/or C/C++. Interest and disposition to work in interdisciplinary groups

Benefits

Contract: 2 years The gross annual salary of the Fellowship will be 28.000€ - 34.000€ according to experience.
It will then be on your own responsibility to make your yearly income declaration at the Bizkaia Treasury Agency.
Additionally, we offer a moving allowance up to 2.000€.
Should the researcher have a family at the time of recruitment: 2.000€ 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). 1.200€ gross per year/per child (up to 2 children) will be offered (the certificate to prove it must be sent).