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: 2022-03-15
🏷 Category: Business
🚩 Province: Bizkaia
💲 Country: Basque Country
📊 City: Bilbao

Company

BCAM

(bcam)
basque center for applied mathematics

Main functions, requisites & benefits

Main functions

The researcher will work on a research project in the framework of ADAM^2: Analysis, Design and Manufacturing, using Microstructures, funded by FET Open Project #862025. Possible research topics include, but are not limited to: simulations of 5-axis hybrid manufacturing, in particular 3D printing and 5- axis computer numerically controlled (CNC) machining, free-form surface rationalization, and tool-shape design and optimization. Previous experience in geometric modeling projects is particularly welcome.

Requisites

Applicants should have their PhD completed before 1st February 2022 PhD degree in mathematics, computer science, or related area. Skills: Ability to effectively communicate and present research ideas to researchers with different background. Ability to clearly present and publish research outcomes in spoken (talks) and written (papers) form. High level of spoken and written English. Good communication and interpersonal skills.

Benefits

Contract and offer: 2 years (the second-year contract is conditioned by a positive performance evaluation of the first year) PI in charge: Dr. Michael Barton