IC2020_07_POSTDOCTORAL FELLOWSHIP IN COMPUTATIONAL MATHEMATICS

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: 2020-09-18
Category: Business
Province: Bizkaia
Country: Basque Country
City: Bilbao

Company

BCAM

basque center for applied **mathematics**

Main functions, requisites & benefits

Main functions

The researcher will work on an applied research project, that deals with manufacturing of complex curved objects. Possible research topics include, but are not limited to: path planning algorithms for 5-axis computer numerically controlled (CNC) machining and contact-based inspection, free-form surface rationalization, and tool-shape design and optimization. Previous experience in geometric modeling projects is particularly welcome.

Requisites

Requirements: Promising young researchers. Applicants must have their PhD completed before 31.08.2020. PhD degree in mathematics, computer science, or related area. Skills and Track-Record: 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. Skilled in one of the following programming languages: C, C++, C#, Python. High level of spoken and written English. Good communication and interpersonal skills.