






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: 2020-11-30
 Category: Business
 Province: Bizkaia

 Country: Basque Country
 City: BILBAO

Company

BCAM



Main functions, requisites & benefits

Main functions

Mathematical Models for COVID-19 Epidemiology: To asses risks and control measures.

Requisites

An Experienced Researcher, highly motivated and skilled person, able to work effectively as part of a team. Applicants must have long professional experience, with a relevant curriculum in the scientific area of biomathematics applied to infectious diseases. PhD degree in applied mathematics, mathematical biology, physics or related disciplines. Good communication and interpersonal skills. Fluent in English (verbal and written). Ability to communicate and present research ideas to researchers with different background and general public. Ability to clearly present and publish research outcomes in spoken (talks) and written (papers) form. Programming in LaTeX. Programming in C, MatLab or R. Experience in organizing scientific events (workshops, seminars, etc...). Research experience and interest in mathematical modeling of infectious diseases and population biology, dynamical systems theory, non-linear dynamics, stochastic processes, complex systems and computer programming. Experience in modeling COVID-19 and other respiratory disease dynamics are advantageous. Experience in interdisciplinary research, formulation and analysis of mathematical/computational models. Knowledge of bio-statistics and experience in advanced programming are essential.

