

**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: 2022-01-17  
 Category: Business  
 Province: Bizkaia

 Country: Basque Country  
 City: Bilbao

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**Main functions, requisites & benefits****Main functions**

The position is the framework of the creation of a new research line in (post-quantum) cryptography, which falls within the Basque strategy on Quantum computing, Quantum Cryptography and Quantum safe Cryptography. Topics: Post quantum cryptography, number theory, computational algebra and algebraic geometry PI in charge: Javier Fernandez de Bobadilla

**Requisites**

Applicants must have their PhD completed before the contract starts. Good interpersonal skills. A proven track record in quality research. 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. Fluency in spoken and written English Strong background in mathematics. Cryptography and Cryptanalysis Knowledge in post quantum cryptography and its mathematical techniques Programming skills in Python and/or C/C ++ Interest and disposition to work in interdisciplinary groups.

**Benefits**

The gross annual salary of the Fellowship will be 28.000 - 32.000€. Contract and offer: 12 months contract, with a possibility of renewal for 12 additional months based on performance and available funds

