


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: 2022-11-28
 Category: Business
 Province: Bizkaia

 Country: Basque Country
 City: Bilbao

Company

BCAM



Main functions, requisites & benefits

Main functions

Basque Center for Applied Mathematics is offering a Research Technician in Computational Fluid Dynamics in the framework of H2020 MSCA-IF-GF-2018 Marie Skłodowska-Curie project AEROSIMULAT (Ref. 842536) to work with Margarida Moragues in CFD Modelling and Simulation group at BCAM. The researcher will work in: Simulation of fluid flows for industrial problems (turbine blades, jets, etc.) Use and development of the CFD open-source Software Nektar++ Code debugging Mesh generation

Requisites

Requirements: M.S. in Computer Science or related studies Skills: Good interpersonal skills. Fluency in spoken and written English A minimum level of experience in research. 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 The preferred candidate will have: Strong programming background (C++, Python) Knowledge of Computational Fluid Dynamics or related disciplines Knowledge of mesh generation (CAD software; Gmsh, Salome or similar mesh generation softwares) Interest and disposition to work in interdisciplinary groups

Benefits

Contract: 6 months The gross annual salary of the Fellowship will be 18.450€-28.000€. 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 1.000€. Should the researcher have a family at the time of recruitment:

- 1.000€ 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).
- 600€ gross per year/per child (up to 2 children) will be offered (the certificate to prove it must be sent). Free access to the Public Health System in Spain is provided to all employees.