Postdoctoral Fellowship in Applied Analysis

Job Offer	
Topic:	Analytical study of partial differential equations.
PI in charge:	Arghir Zarnescu
Salary and conditions:	**The gross annual salary of the Fellowship will be 28.000€ - 34.000€ according to experience.** 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 2.000€. Should the researcher have a family at the time of recruitment: 1. 2.000€ 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). 2. 1.200€ 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.
Contract and offer:	2 year + 1 (extension if the evaluation is positive)
Deadline:	**January 16th, 2023 14:00 CET**

How to apply:	Applications must be submitted on-line at: http://www.bcamath.org/en/research/job

Scientific Profile Requested

Requirements	· Promising young researchers. · Applicants must have their PhD completed before the contract starts. · The post holder will not be required to do any teaching but if desired he/she can deliver short courses, of his/her choice, at Ph.D. level. Also, if desired, the post holder can be involved in supervision of graduate students.
Skills and track-record:	· Good interpersonal skills. · A proven track record in quality research, as evidenced by research publications in top scientific journals and conferences. · 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. · Fluency in spoken and written English.

Scientific Profile:	The preferred candidate will have: · Solid background in the analysis of partial differential equations · Interest and disposition to work in interdisciplinary groups. Any of the following are an advantage, but not required: · Expertise in the analytical study of liquid crystals · Expertise in mathematical fluid mechanics, especially incompressible flows · Expertise in numerical simulations · Interest in mathematical machine learning applied in the study of partial differential equations.

Application and Selection Process	
Formal Requirements:	The selected candidate must have applied before the application deadline online at the webpage http://www.bcamath.org/en/research/job The candidates that do not fulfill the mandatory requirements will not be evaluated with respect to their scientific profile. Additional documents could be requested during the evaluation process so as to check this fulfillment.
Application:	Required documents: ● CV ● Letter of interest ● 2 recommendation letters ● Statement of past and proposed future research (2-3 pages)

Evaluation:	Based on the provided application documents of each candidate, the evaluation committee will evaluate qualitatively: the adaption of the previous training and career to the profile offered, the recommendation letters, the main results achieved (papers, proceedings, etc.), the statement of past and proposed future research and other merits; taking in account the alignment of these items to the topic offered.

Incorporation:	*September, 2023*