

## Postdoctoral Fellow in Mathematical Analysis and related areas

### Job Offer

Topics:

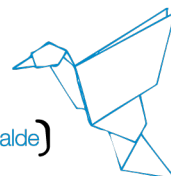
**The Basque Center for Applied Mathematics- BCAM, is launching one Postdoctoral position of two years, in Mathematical Analysis and related areas, under the supervision of Dr. Mateus Sousa, and Dr. Luz Roncal.**

The position is meant for a recent PhD (obtained a PhD degree after 1st of January of 2023) with strong research promise and a strong background in harmonic analysis.

The future researcher will join the Harmonic Analysis and Inverse Problems line at BCAM, working under the supervision of Dr. Luz Roncal and Dr. Mateus Sousa, mainly funded by the project PID2023-146646NB-I00 "Optimality in Harmonic Analysis and Related Areas".

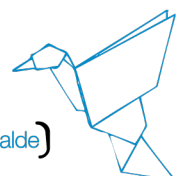
We are looking for a candidate with strong research promise and a solid background in harmonic analysis, and an interest in its connections to other areas such as PDEs, approximation theory and number theory.

The candidate will also have the opportunity to interact and work with a research group with a good balance of younger and more established researchers with a vast collective range of interests in mathematical analysis and related areas, as well as a large network of collaborators spread across different countries. The group also cultivates strong ties with professors from the University of the Basque Country (UPV/EHU), especially the ones which are part of the mathematical analysis and applications research group. Participation in the community research activities will be expected during the contract, but at the same the future postdoc will receive full support to establish an independent research program.



PIs in charge:	Dr. Mateus Sousa Dr. Luz Roncal
Salary and conditions:	<p><b>The gross annual salary of the Fellowship will be 29.994 - 32.136€ according to experience.</b></p> <p><i>It will then be on your own responsibility to make your yearly income declaration at the Bizkaia Treasury Agency.</i></p> <p>Additionally, we offer a moving allowance up to 2.000€.</p> <p>Should the researcher have a family at the time of recruitment:</p> <ol style="list-style-type: none"> <li>2.000€ gross in a single payment will be offered (you must be married to the official register or with children and the certificate to prove it must be sent).</li> <li>1.200€ gross per year/per child (up to 2 children) will be offered (the certificate to prove it must be sent).</li> </ol> <p><i>Free access to the Public Health System in Spain is provided to all employees.</i></p>
Nº Positions offered:	<b>1</b>
Contract and offer:	<b>2 years</b>
Deadline:	<b>November 29<sup>th</sup>, 2024, 14:00 CET (UTC+1)</b>
How to apply:	Applications must be submitted on-line at: <a href="https://joboffers.bcamath.org">https://joboffers.bcamath.org</a>

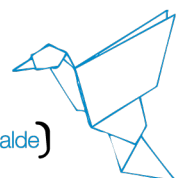
Scientific Profile Requested	
Requirements:	<ul style="list-style-type: none"> <li>Applicants must hold a PhD in mathematics or related areas by the time the contract begins.</li> </ul>



Skills and track-record:	<ul style="list-style-type: none"> <li>• Good interpersonal skills.</li> <li>• Fluency in spoken and written English.</li> <li>• Ability to work independently and as part of a collaborative research team.</li> <li>• Ability to present and publish research outcomes in spoken (talks) and written (papers) form.</li> <li>• Ability to effectively communicate and present research ideas to researchers and stakeholders with different backgrounds.</li> </ul>
Scientific Profile:	The preferred candidate will have a strong research promise and a solid background in harmonic analysis, and an interest in its connections to other areas such as PDEs, approximation theory and number theory.

Application and Selection Process	
Formal Requirements:	<p>The selected candidate must have applied before the application deadline online at the webpage: <a href="https://joboffers.bcamath.org">https://joboffers.bcamath.org</a></p> <p>The candidates that do not fulfill the mandatory requirements will not be evaluated with respect to their scientific profile.</p>
Application:	<p>Required documents:</p> <ul style="list-style-type: none"> <li>■ CV</li> <li>■ Letter of interest (2 pages maximum)</li> <li>■ Research Statement (2-3 pages)</li> <li>■ 2 recommendation letters</li> </ul>
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 interest, and other merits; taking in account the alignment of these items to the topic offered.

<b>Incorporation:</b>	<b>Flexible, but no later than 1st of September of 2025</b>
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CEX2021-001142-S/ AEI/10.13039/501100011033



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*El contrato es parte de la ayuda RYC2022-038226-I*

