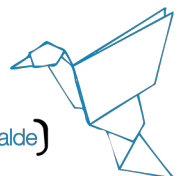


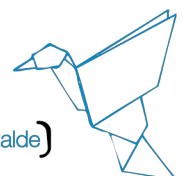
## Postdoctoral Fellowship in Harmonic Analysis and Differential Equations

Job Offer	
Topics:	<p><b>“HADE - Harmonic Analysis and Differential Equations: New Challenges”</b> is an ERC Advanced grant project that starts on December 1<sup>st</sup> 2015.</p> <p>This project seeks to propose new challenges and develop original analytical tools that, if carried out, would entail significant progress on three different aspects of some fundamental Partial Differential Equations of Mathematical Physics:</p> <ol style="list-style-type: none"> <li>1. Vortex Filament Equation (VFE)</li> <li>2. Relativistic and Non-relativistic Critical Electromagnetic Hamiltonians</li> <li>3. Uncertainty Principles and Applications</li> </ol>
PI in charge:	<b>Prof. Luis Vega González (BCAM UPV/EHU research professor)</b>
Research Line:	<b>Linear and Non-Linear Waves</b>
Salary and conditions:	<p><b>The gross annual salary of the Fellowship is EUR 28.000 - 32.000.</b></p> <p>It will then be on your own responsibility to make your yearly income declaration at the Bizkaia Treasury Agency.</p> <p>There is a moving allowance for those researchers that come from a research institution outside the Basque Country from EUR 1.000 to EUR 2.000 gross.</p> <p><i>Free access to the Public Health System in Spain is provided to all employees.</i></p> <p>Funded by <b>669689 HADE ERC AdG_2015</b></p>
No Positions offered:	<b>#1</b>
Contract and offer:	<b>2 years</b>
Deadline:	<b>April 30<sup>th</sup>, 2019, 12:00 CET (UTC+1)</b>
How to apply:	Applications must be submitted on-line at: <a href="http://www.bcamath.org/en/research/job">http://www.bcamath.org/en/research/job</a>



Scientific Profile Requested	
Requirements:	<ul style="list-style-type: none"> <li>Promising young researchers.</li> <li>Applicants must have their PhD completed before the contract starts.</li> </ul>
Skills and track-record:	<ul style="list-style-type: none"> <li>Good communication and interpersonal skills.</li> <li>Ability to effectively communicate and present research ideas to researchers with different background (e.g., mathematicians and engineers).</li> <li>Ability to clearly present and publish research outcomes in spoken (talks) and written (papers) form.</li> <li>Good command of spoken and written English.</li> </ul>
Scientific Profile:	<p>The preferred candidate will have:</p> <ul style="list-style-type: none"> <li>Research experience in Partial Differential Equations and/or Fourier Analysis,</li> </ul>

Application and Selection Process	
Formal Requirements:	<p>The selected candidate must have applied before the application deadline online at the webpage <a href="http://www.bcamath.org/en/research/job">http://www.bcamath.org/en/research/job</a></p> <p>The candidates that do not fulfil 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</li> <li>2 recommendation letters</li> <li>statement of past and proposed future research (2-3 pages)</li> </ul>
Evaluation:	<p>Based on the provided application documents of each candidate, the evaluation committee will evaluate qualitatively: the adaptation 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.</p>



**Incorporation:**

**SEPTEMBER – DECEMBER 2019, or as soon as possible thereafter.**

*The BCAM postdoctoral contract will start when the selected candidate has finished the PhD, i.e. after dissertation defence.*

