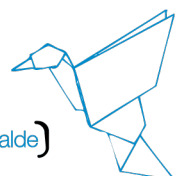


Postdoctoral Fellowship in Singularity Theory, Algebraic Geometry and Nearby Topics

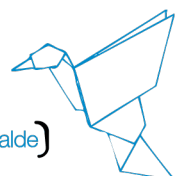
Job Offer	
Topics:	<p>Singularity Theory, Algebraic Geometry and Nearby Topics</p> <p>We look for a new postdoc member for our research group. A general description of our interests can be found in: http://www.bcamath.org/es/research/lines/STAG/general</p> <p>At the moment we are paying special attention to Maximal Cohen Macaulay modules and Matrix Factorizations, Characteristic Classes for singular spaces, Lipschitz Geometry on Singularities and a new connection of Algebraic Geometry and Singularity Theory with Floer Homology Theories (mainly via cohomology of contact loci in arc spaces and jet schemes). For some information about our recent contributions in these topics see:</p> <p>https://arxiv.org/abs/1911.08213</p> <p>https://arxiv.org/abs/1910.12552</p> <p>https://arxiv.org/abs/1812.06543</p>
PI in charge:	Prof. Javier Fernandez de Bobadilla (Ikerbasque Research Professor)
Salary and conditions:	<p>The gross annual salary of the Fellowship will be 28.000 - 32.000€.</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 2000 gross.</p> <p><i>Free access to the Public Health System in Spain is provided to all employees.</i></p>



No Positions offered:	#1
Contract and offer:	2-year contract
Deadline:	13th April 2020, 14:00 CET (UTC+1)
How to apply:	Applications must be submitted on-line at: http://www.bcamath.org/en/research/job/

Scientific Profile Requested	
Requirements:	<ul style="list-style-type: none"> • Promising research track. • Applicants must have their PhD completed before the contract starts. PhD degree in Mathematics or Applied Mathematics.
Skills and track-record:	<ul style="list-style-type: none"> • Strong background in Algebraic Geometry and/or Singularity Theory and its applications. • Ability to effectively communicate and present research ideas. • Ability to clearly present and publish research outcomes in spoken (talks) and written (papers) form. • Good command of spoken and written English. • Good communication skills.
Scientific Profile:	<p>In order to have an idea of the interests of the mathematician in charge, and the group working in BCAM, please visit the web page</p> <p>http://www.bcamath.org/en/research/lines/STAG</p>

Application and Selection Process	
Formal Requirements:	<p>The selected candidate must have applied before the application deadline online at the webpage http://www.bcamath.org/en/research/job</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"> ▪ CV ▪ Letter of interest ▪ 2 recommendation letters ▪ statement of past and proposed future research (2-3 pages)
Evaluation:	<p>Based on the provided application documents of each candidate, the evaluation committee will evaluate</p>



	<p>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.</p> <p>The quality of the researcher will be the most determining factor in the process.</p>
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Incorporation:	<p>Summer 2020 or as soon as possible thereafter.</p> <p><i>The BCAM postdoctoral contract will start when the selected candidate has finished the PhD, i.e. after dissertation defence.</i></p>
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