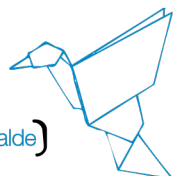


Postdoctoral Fellow in Algebraic Geometry and/or Commutative Algebra

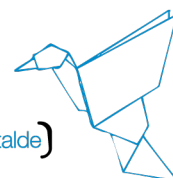
Job Offer	
Topics:	<p>The Basque Center for Applied Mathematics- BCAM, is launching one Postdoctoral position of two years, in The Singularity theory and Algebraic geometry group (STAG) at BCAM jointly with the Algebra, Geometry, Topology and Number Theory group (AGTZ) at JGU, Mainz, under the supervision of Dr. Javier de Bobadilla, Dr. Ilya Smirnov and Manuel Blickle and Duco van Straten.</p> <p>The Singularity theory and Algebraic geometry group (STAG) at BCAM jointly with the Algebra, Geometry, Topology and Number Theory group (AGTZ) at JGU, Mainz, is offering a postdoctoral position for 2 years, one year year at AGTZ and one year at STAG, to pursue research on singularities in the broadest sense, using a multitude of techniques of algebra, geometry, and topology. This position is funded by AEI-DFG (BL 1072/3-1 “Classical singularity theory meets positive characteristic methods”).</p> <p>The applicant is expected to actively engage in one or more of the projects outlined in the above mentioned DFG/AEI proposal. In addition, our postdocs are encouraged to maintain their own research program and actively contribute to the research environment, for example by participating in research seminars or to collaborate with our PhD students.</p> <p>A potential fellow is expected to have a background in algebraic geometry, preferably singularity theory and/or positive characteristic methods. Our main selection criterion will be research excellence, but we will take into consideration if the applicant’s background or interests overlap with directions pursued in STAG or AGTZ. This position has no teaching duties and some travel funds will be provided.</p>
PI in charge:	<p>STAG: Javier de Bobadilla and Ilya Smirnov AGTZ: Manuel Blickle and Duco van Straten.</p>



Salary and conditions:	<p>During the contract year at JGU Mainz, the gross annual salary of the Fellowship it is established by the scale TV-L EG13, and the annual salary will be 55.556,88€.</p> <p>During the contract year at BCAM, the gross annual salary of the Fellowship will be 29.994 - 36.420€ according to experience.</p> <p>It will then be on your own responsibility to make your yearly income declaration at the Bizkaia Treasury Agency.</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"> 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). <p><i>Free access to the Public Health System in Spain is provided to all employees.</i></p>
Contract and offer:	2 years: 1 year at JGU Mainz, and 1 year at BCAM
Deadline:	13/01/2025 14:00 CET
How to apply:	Applications must be submitted on-line at: https://joboffers.bcamath.org/

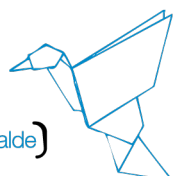
Scientific Profile Requested

Requirements:	<ul style="list-style-type: none"> • Applicants must hold a PhD in Mathematics completed before the contract starts. • Expertise in algebraic geometry and/or commutative algebra.
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Skills and track-record:	<ul style="list-style-type: none"> • Good interpersonal skills. • Fluency in spoken and written English. • Ability to work independently and as part of a collaborative research team. • A proven track record in Mathematics.
Scientific Profile:	<p>The preferred candidate will have :</p> <ul style="list-style-type: none"> • Interest in the study of singularities or the interplay of singularities with algebra, geometry, or topology. • Connections or interest in the topics pursued in STAG and AGTZ. • Willingness to contribute to the research life of our research groups: participate in and organize study groups, research seminars, invited lectures, and other activities.

Application and Selection Process	
Formal Requirements:	<p>The selected candidate must have applied before the application deadline online at the webpage: https://joboffers.bcamath.org/</p> <p>The candidates that do not fulfil 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 fulfilment.</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 (4 pages)
Evaluation:	<p>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</p>



Incorporation:	<i>Flexible, by October 1, 2025</i>
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Ayuda PCI2024-155055-2 por MCIN/AEI /10.13039/501100011033 y por la Unión Europea NextGenerationEU/ PRTR

