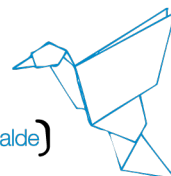


Research Technician on quantum computing for optimal control in the energy sector

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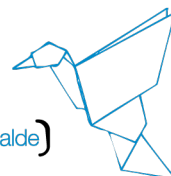
Job Offer	
Topics:	<p>The Basque Center for Applied Mathematics is hiring a Research Technician for a joint position on Quantum Computing for optimal control in the energy sector. The initial duration is of six months. This project has been funded by the Provincial Council of Bizkaia as part of a joint position between BCAM and Quantum Mads.</p> <p>The project will explore how quantum annealing can help solve some optimal control problems in the energy sector. To this end, we plan to examine some illustrative cases such as green hydrogen production, building air conditioning (HVAC) and battery charge/discharge control among others. In doing so, we will explore whether annealing methods could offer significant advantages compared to more traditional approaches.</p> <p>The starting date is as soon as possible and the initial duration of the contract will be for six months. The fellow will enter BCAM under the supervision of: Dr. Mikel Sanz.</p> <p>If you are a young graduate passionate about Quantum Mechanics, and eager to embark on a research career at BCAM, this opportunity is for you. Apply now and become part of our dedicated team at BCAM.</p>
PI in charge:	Dr. Mikel Sanz
Salary and conditions:	<p>The gross annual salary of the Fellowship will be 20.258€- 28.505€</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 1.000€.</p> <p>Should the researcher have a family at the time of recruitment:</p>



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	<ul style="list-style-type: none"> 1.000€ 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). 600€ 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:	6 months
Deadline:	13/07/2025 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"> Promising young researchers Applicants must have their Bachelor's or Master degree preferable in Mathematics, or related fields.
Skills and track-record:	<ul style="list-style-type: none"> Good interpersonal skills. 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:	<p>A successful candidate should be willing to:</p> <ul style="list-style-type: none"> Learn new skills and theoretical concepts. Communicate with researchers on technical subjects. Interest and disposition to work in interdisciplinary groups.



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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 (see Topics section above for instructions):</p> <ul style="list-style-type: none"> • CV • Letter of interest • 2 recommendation letters (desirable) • Statement of past and proposed future research
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>As soon as possible.</i>

