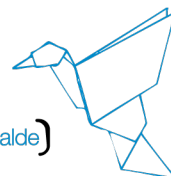


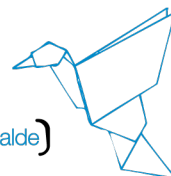
Research Technician Alternative Numerical Techniques for Computational Fluid Dynamics

Job Offer	
Topics:	<p>The Basque Center for Applied Mathematics - BCAM, is looking for a Research Technician position in Alternative Numerical Techniques for Computational Fluid Dynamics in the Mathematical Design, Modelling and Simulations (MATHDES) group.</p> <p>The candidate will work under the supervision of researcher Vincenzo Nava on Computational Fluid Dynamics, Reduced Order Methods, Surrogate Models, Finite Elements and Finite Volumes.</p> <p>We are searching for a promising pre-doctoral researcher who is eager to kickstart their career as a researcher.</p> <p>The initial duration of the contract will be 1 year with ample possibilities of renewal for another year, if the evaluation is positive. We hope to incorporate the research technician into the BCAM PhD programme at a later stage, subject to satisfactory performance.</p>
PIs in charge:	Vincenzo Nava
Salary and conditions:	<p>The gross annual salary of the Fellowship will be 19.764€-29.994€</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> <ul style="list-style-type: none"> a) 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).



	<p>b) 2. 600€ gross per year/per child (up to 2 children) will be offered (the certificate to prove it must be sent).</p> <p><i>Free access to the Public Health System in Spain is provided to all employees.</i></p>
N° Positions offered:	1
Contract and offer:	1 + 1 years
Deadline:	May 9th, 2024, 14:00 CET (UTC+1)
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 Physics, Mathematics, Civil/Mechanical/Industrial Engineering, or related fields • Possess of PhD in the fields will be positively considered in the evaluation.
Skills and track-record:	<p>Although the requirements can be adapted to the different candidate profiles, a strong candidate needs to possess the following skills:</p> <ul style="list-style-type: none"> • Good interpersonal skills. • A proven track record in quality research, as evidenced by research publications in top scientific journals and conferences. • 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. • Fluency in spoken and written Spanish.
Scientific Profile:	<p>The preferred candidate will have:</p> <ul style="list-style-type: none"> • Background in Computational Fluid Dynamics



	<ul style="list-style-type: none"> • Background in Finite Element and Finite Volume methods. • Background in Reduced Order Models (ROMs) and surrogated models. • Good programming skills (bash, C++, Python ...) • Knowledge of Linux OS. • Interest and disposition to work in interdisciplinary groups. <p>The candidate would preferably be in possess of:</p> <ul style="list-style-type: none"> • Experience of using OpenFOAM.
--	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

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.</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 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:	As soon as possible
-----------------------	----------------------------

