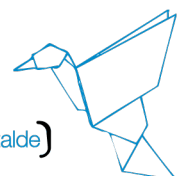


BCAM – KAUST Postdoctoral Fellowship in Computational Mathematics

Job Offer	
Topics:	Geometric Modelling, Kinematic Geometry
PI in charge:	Dr. Michael Barton
Research Area:	<i>Computational Mathematics</i>
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 2.000 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 duration:	1+1 years
Deadline:	April 30th, 2019, 12:00 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 young researchers. • Applicants must have their PhD completed before May 2019. PhD degree in mathematics, computer science, or related area.
Skills and track-record:	<ul style="list-style-type: none"> • Ability to effectively communicate and present research ideas to researchers with different background. • Ability to clearly present and publish research outcomes in spoken (talks) and written (papers) form. • High level of spoken and written English. • Good communication and interpersonal skills.



Scientific Profile:	The researcher will work on a research project externally funded by KAUST (external co-PI: Prof. Helmut Pottmann). Possible research topics include, but are not limited to: simulations of 5-axis flank computer numerically controlled (CNC) machining, free-form surface rationalization, and tool-shape design and optimization. Previous experience in geometric modeling projects is particularly welcome.
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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 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:	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.

Incorporation:	<p>May 2019 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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