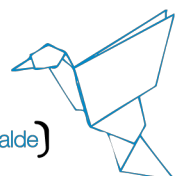


Postdoctoral Fellowship in Computational Mathematics

Job Offer	
Topics:	Geometric Modeling, IsoGeometric Analysis Possible research topics include, but are not limited to: numerical integration of splines over triangular meshes, efficient integration methods for refined isogeometric analysis, and non-tensor product isogeometric analysis.
PI in charge:	Dr. Michael Barton
Salary and conditions:	The gross annual salary of the Fellowship will be 28.000 - 32.000€. It will then be on your own responsibility to make your yearly income declaration at the Bizkaia Treasury Agency. 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. <i>Free access to the Public Health System in Spain is provided to all employees.</i>
No Positions offered:	#1
Contract and offer:	2 years
Deadline:	February 28th 2019, 15:00 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. • 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.



	<ul style="list-style-type: none"> • High level of spoken and written English. • Good communication and interpersonal skills.
Scientific Profile:	<p>Candidates with a strong background in at least one of the fields of Geometric Modeling and Numerical Analysis are encouraged to apply. Expertise in Finite Element methods or <u>Isogeometric</u> Analysis is particularly welcome.</p> <p>Possible research topics include, but are not limited to: numerical integration of splines over triangular meshes, efficient integration methods for refined isogeometric analysis, and non-tensor product isogeometric analysis.</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 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:	<p>Spring 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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