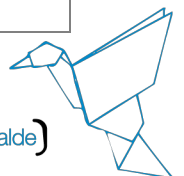


Postdoctoral Fellowship in Inverse Problems

Job Offer	
Topics:	<p>The candidate will work on theoretical aspects of inverse problems arising in partial differential equations. More particularly, in one or more of the following topics:</p> <ul style="list-style-type: none"> • Inverse scattering theory. • Non-regular theory of inverse boundary value problems and inverse initial-final value problems. • Inverse problems with corrupted data or in media with random uncertainty.
PI in charge:	Pedro Caro
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 and offer:	2 years
Deadline:	February 28th 2019, 15:00 CET (UTC+1)
How to apply:	<p>Applications must be submitted on-line at: http://www.bcamath.org/en/research/job</p>

Scientific Profile Requested	
Requirements:	<ul style="list-style-type: none"> • Promising young researchers. • Applicants must have their PhD completed after 01/01/2014. PhD degree in Mathematics.
Skills and track-record:	<ul style="list-style-type: none"> • Independent thinking. • Critical thinking. • Slow thinking. • Communication skills.



Scientific Profile:	The preferred candidate will have a solid background in real analysis, Fourier analysis and analysis of partial differential equations. It will be very valuable experience with inverse problems. Knowledge on harmonic or microlocal analysis, or on probability theory will be considered a plus.
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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>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>

