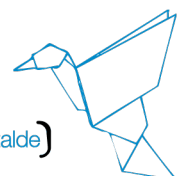


## Postdoctoral Fellowship in Machine Learning

Job Offer	
Topics:	Statistics, inference, graphical models, machine learning, time series, optimization, linear algebra
PI in charge:	Santiago Mazuelas Franco
Salary and conditions:	<p><b>The gross annual salary of the Postdoctoral Fellowship will be 28,000 – 32,000€.</b></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:	<b>#1</b>
Contract and offer:	1-year contract (with possible extension)
Deadline:	<b>20<sup>th</sup> August 2019, 14:00 CET (UTC+1)</b>
How to apply:	Applications must be submitted on-line at: <a href="http://www.bcamath.org/en/research/job">http://www.bcamath.org/en/research/job</a>

Scientific Profile Requested	
Requirements:	<ul style="list-style-type: none"> <li>Promising young researchers.</li> <li>Applicants must have their PhD completed before the starting date. PhD degree preferable in Mathematics, Computer Science or Electrical Engineering (Telecommunications).</li> </ul>
Skills and track-record:	<ul style="list-style-type: none"> <li>Good interpersonal skills.</li> <li>Experience on statistical inference.</li> <li>A proven track record in quality research, as evidenced by research publications in top scientific journals and conferences.</li> <li>Demonstrated ability to work independently and as part of a collaborative research team.</li> <li>Ability to present and publish research outcomes in spoken (talks) and written (papers) form.</li> <li>Ability to effectively communicate and present</li> </ul>



	<p>research ideas to researchers and stakeholders with different backgrounds.</p> <ul style="list-style-type: none"> <li>• Fluency in spoken and written English.</li> </ul>
Scientific Profile:	<p>The selected candidate will develop algorithms for sequential inference. In particular, the candidate will design and implement efficient algorithms that use time series data to infer a sequence of states. The main technical problems addressed will be high-dimensionality of states, lack of accurate models, and intractable Bayesian updates.</p>

### Application and Selection Process

Formal Requirements:	<p>The selected candidate must have applied before the application deadline online at the webpage <a href="http://www.bcamath.org/en/research/job">http://www.bcamath.org/en/research/job</a></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"> <li>▪ CV</li> <li>▪ Letter of interest</li> <li>▪ 2 recommendation letters</li> <li>▪ Statement of past and proposed future research (2-3 pages)</li> </ul>
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>

<b>Incorporation:</b>	<p><b>Autumn 2019 or as soon as possible thereafter.</b></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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