



## JOINT POSITION ON DATA ANALYTICS AND STATISTICAL LEARNING

## **Postdoctoral Fellowship**

Job Offer	
Topics:	The candidate will be hired to develop high quality scientific results on <b>Data Analytics and Statistical Learning</b> . In collaboration with other researchers at BCAM and TECNALIA, the Postdoctoral Fellow will build up his/her scientific career in this stage.
Contract:	2-year contract
Salary:	The salary will be negotiated with each candidate, depending on the qualifications and research track.
Location:	The job position is located in both entities, approximately half time periods in each one. <u>BCAM</u> is a research center established in Bilbao (Basque Country – Spain), which provides excellent networking conditions and opportunities for advanced research, while <u>TECNALIA</u> is located in Zamudio (10km from Bilbao) at the Science and Technology Park of Biscay.
How to apply:	Applications must be submitted on-line at: http://www.bcamath.org/en/research/job/
Deadline:	30/12/2014

Scientific Profile		
Required qualification:	<ul> <li>PhD in Mathematics, Computer Science, Operations Research, Telecommunications Engineering or related fields.</li> <li>Solid research track.</li> </ul>	
Skills:	<ul> <li>Multidisciplinary team working</li> <li>Programming skills</li> <li>Ability to apply data mining and machine learning techniques to practical problems</li> </ul>	
Areas of interest:	Some of the possible <b>research lines</b> to be developed would be as follows: <ul> <li>Supervised classification</li> <li>Clustering</li> <li>Metaheuristics of optimization</li> <li>Probabilistic graphical models</li> </ul>	

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Some of the possible <b>application areas</b> would be as follows:
<ul> <li>Smart grids and ITS (Intelligent Transport Systems)</li> </ul>
<ul> <li>Sensor and ad-hoc networks</li> </ul>
<ul> <li>Self-adaptive and self-performance-improving systems</li> </ul>

Application and Selection Process	
Formal requirements:	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> . The candidates that do not fulfil the mandatory requirements will not be evaluated with respect to their scientific profile.
Application:	<ul> <li>Required documents:</li> <li>CV</li> <li>Letter of interest</li> <li>Research statement &amp; 3 best papers or technical reports relevant to the sought profile</li> <li>2 recommendation letters</li> </ul>
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.

