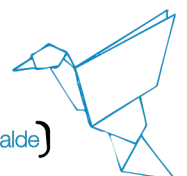


Research Technician in Machine Learning

Job Offer	
Topics:	Optimization for electric energy management Identifying the topology of the electric grid using heuristic optimization over the consumption and production profiles with applications to fraud detection
PI in charge:	Aritz Pérez
Salary and conditions:	The gross annual salary will be 18,000 € – 26,000€. 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 500 to EUR 1,000 gross. <i>Free access to the Public Health System in Spain is provided to all employees.</i>
No Positions offered:	#1
Duration:	1-year contract (with possible extension)
Deadline:	20th August 2019, 14:00 CET (UTC+1)
How to apply:	Applications must be submitted on-line at: http://www.bcamath.org/en/research/job

Profile Requested	
Requirements:	<ul style="list-style-type: none"> • Master's degree in Mathematics, Physics or Computer Science. In particular, Master with heuristic optimization subjects will be highly appreciated. • Fluency in spoken and written Spanish and English.
Skills:	<ul style="list-style-type: none"> • Strong programming skills in Python (numpy, scikit-learn...). • Ability to read scientific publications and implement mathematical algorithms. • Good interpersonal skills. • Ability to effectively communicate and present research ideas to researchers and stakeholders with different backgrounds. • Demonstrated high level written and oral communication skills. • Demonstrated ability to work independently and as part of a collaborative research team.



Scientific Profile:	<p>The preferred candidate will have background in:</p> <ul style="list-style-type: none"> • Heuristic optimization: population based metaheuristics, local search, etc. • Time series pre-processing. • Machine learning with time series. • Early supervised classification of time series.
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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 (desirable)
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 letter of interest, and other merits; taking in account the alignment of these items to the job offered.</p>

Incorporation:	Autumn 2019 or as soon as possible thereafter.
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