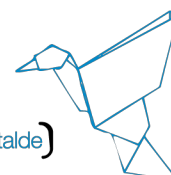# BCAM - ITP Aero PhD Position in Machine learning applied to electro welding

Job Offer	
Topics:	Machine learning with applications to advanced manufacturing for the company ITP Aero
PhD Advisors:	• **Dr. Aritz Pérez** • **Prof. Jose Antonio Lozano**
Research Line	*Machine Learning*
Salary and conditions:	**The gross annual salary of the Fellowship will be 18.000 €.** 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. *Free access to the Public Health System in Spain is provided to all employees.*
No Positions offered:	**#1**
Contract and offer:	**4 years**
Deadline:	**April 30th, 2019, 12:00 CET (UTC+1)**
How to apply:	Applications must be submitted on-line at: http://www.bcamath.org/en/research/job

Scientific Profile Requested	
Requirements:	• Promising young researchers. • Bachelor's or master's degree in Mathematics, Physics, Engineering or Computer Sciences, eager to achieve a PhD degree in Applied Mathematics.
Skills and track-record:	• Good communication and interpersonal skills. • Ability to effectively communicate and present research ideas to researchers with different background (mathematicians and medical doctors). • Ability to clearly present and publish research outcomes in spoken (talks) and written (papers) form. • Good command of spoken and written English. • General knowledge about machine learning • Good programming skill Python and/or C languages

Scientific Profile:	The preferred candidate will have: • Interest for developing methodological research in machine learning • Interest in applying machine learning techniques to advanced manufacturing problems

Application and Selection Process	
Formal Requirements:	The selected candidate must have applied before the application deadline online at the webpage http://www.bcamath.org/en/research/job The candidates that do not fulfil the mandatory requirements will not be evaluated with respect to their scientific profile. The candidate will take part in a collaborative project between BCAM and ITP.
Application:	Required documents: ▪ CV ▪ Letter of interest ▪ 2 recommendation letters
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:	**Summer 2019 or as soon as possible thereafter.**