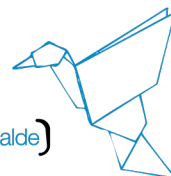


Research Technician on Computational Methods for Reliability and Structural Health Monitoring– IA4TES

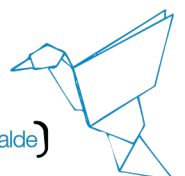
Job Offer	
Topics:	Machine Learning, Data-Driven Computing, Numerical Simulation, Degradation Models, Transfer Learning, Deep Learning, Partial Differential Equations, Inverse Problems
PI in charge:	Vincenzo Nava, David Pardo
Salary and conditions:	<p>The gross annual salary of the Fellowship will be 18.450€ - 28.000€</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 500 to EUR 1.000 gross.</p> <p><i>Free access to the Public Health System in Spain is provided to all employees.</i></p> <p><i>This contract will be funded by “IA4TES – Inteligencia Artificial para la Transición Energética Sostenible” project.</i></p>
Contract and offer:	1 year + 1 year (based on performance evaluation)
Deadline:	13th June 2022 at 14:00 CET (UTC+1)
How to apply:	Applications must be submitted on-line at: http://www.bcamath.org/en/research/job

Scientific Profile Requested	
Requirements:	<ul style="list-style-type: none"> Promising young researchers. Applicants must have their Bachelor’s or Master degree preferable in Physics, Mathematics, Civil/Mechanical/Industrial Engineering, or related fields Possess of PhD in the fields will be positively considered in the evaluation
Skills and track-record:	<ul style="list-style-type: none"> Good interpersonal skills.



	<ul style="list-style-type: none"> • A proven track record in quality research, as evidenced by research publications in top scientific journals and conferences. • Demonstrated ability to work independently and as part of a collaborative research team. • Ability to present and publish research outcomes in spoken (talks) and written (papers) form. • Ability to effectively communicate and present research ideas to researchers and stakeholders with different backgrounds. • Fluency in spoken and written English.
Scientific Profile:	<p>The preferred candidate will have:</p> <ul style="list-style-type: none"> • Background in inverse problems. • Background in reliability modelling applied to structural mechanics. • Experience in treatment and simulation of time series. • Good programming skills in Python and R. • Interest and disposition to work in interdisciplinary groups.

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. Additional documents could be requested during the evaluation process so as to check this fulfilment.</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 offered profile, the letter of interest and other merits.</p>





**IC2022_05 BCAM
International Call**

Incorporation: As soon as possible thereafter



Financiado por el Ministerio de Asuntos Económicos y Transformación Digital dentro del proyecto IA4TES MIA.2021.M04.0008

