

## **PhD position in Non Destructive Testing : Active Infrared Thermography**

At the Photothermal Techniques group, department of Applied Physics I, Faculty of Engineering at Bilbao, University of the Basque Country (Spain), with web page <http://www.ehu.eus/photothermal/welcome.html>, we have funds for a contract to develop a PhD Thesis on « Development of an automatic infrared thermography technique with flying spot to quickly characterize cracks in aeronautic materials » with the aim of developing a new Non-Destructive Technique to detect and quantify certain defects in materials of high technological interest, for which we collaborate with several companies.

And we are looking for a candidate. The profile we look for is someone with a bachelor in Physics or Engineering and a Master in Physics/Engineering/Materials or equivalent. With a medium to high level of english (there is no need to speak spanish). The chosen candidate will have to register in the doctoral programme « Physics » at Bilbao.

The PhD programmes in Spain last 3 years and the salary will be about 1000 euros per month (the typical salary for PhD students in Spain), starting before the end of this year 2018. Our research group is highly competitive, as it can be seen from our web page.

Anyone interested must send his/her CV and scanned copies of the certificates with the marks obtained at bachelor and master level, as well as languages certificates to [alberto.oleaga@ehu.es](mailto:alberto.oleaga@ehu.es) before October 17. After a pre-selection, interviews by skype (or equivalent systems) will be held with the candidates where detailed information about the conditions and the subject will be offered.

We are looking forward to receiving your applications,