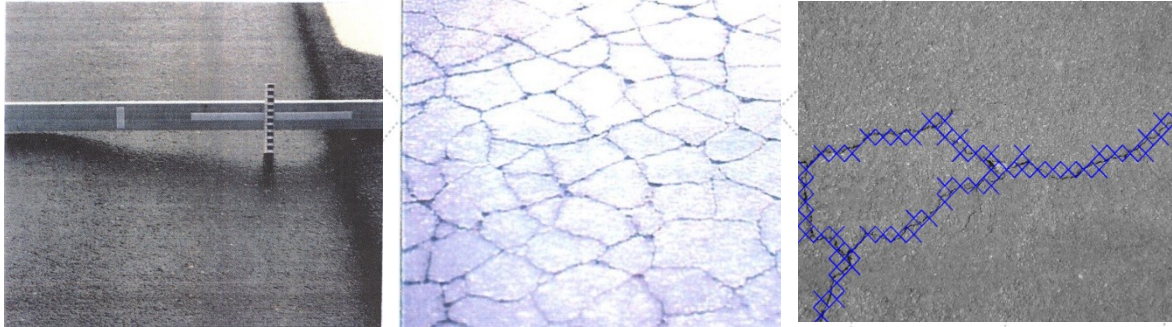


## *CrackIT Project*

### **Detection of Road Surface Defects**



#### **Research Position:**

Two research positions are being offered, one to work on light field image analysis and processing (“**research positon CrackIT-LF**”), and another to work on 3D point clouds captured by a mobile LiDAR system (“**research positon CrackIT-LiDAR**”), both envisaging the detection and characterization of road pavement surface defects.

We are seeking for motivated researchers that hold an MSc engineering degree. There is the possibility to join a PhD program in Electrical and Computer Engineering. The candidates should have a strong programming background and preferably be familiar with computer vision, image processing and pattern recognition. Having a good publication record is valued.

The work will be developed at Instituto de Telecomunicações, in Lisbon, Portugal, under the supervision of Professors Paulo Lobato Correia and Henrique Oliveira.

The offered scholarship is according to the Portuguese FCT regulations for PhD students, with a monthly value of 980€ and the contract will cover 21 months (subject to a performance assessment after the initial 6 months); if the candidate joins the PhD program, the scholarship can be extended to cover the complete PhD period.

The target start date is the June 1, 2016, or soon thereafter.

The application should include a motivation letter, a detailed Curriculum Vitae, a copy of your degree(s) certificate(s). You may decide to also include recommendation letter(s).

Please **submit your application before May 30**, by e-mail to Prof. Henrique Oliveira: (henrique.oliveira@lx.it.pt) or Prof. Paulo Correia (paulo.correia@lx.it.pt), clearly stating in the subject of the e-mail, if you are applying to “**research positon CrackIT-LF**” or to “**research positon CrackIT-LiDAR**”.

For further details, please check:

**<https://www.it.pt/Positions/OtherResearchPosition/5082>**