

Research Fellowship

1. Admission Requirements: Master degree in:

Industrial Engineering
Operations Management
Management, Organization and Business Economics
or related areas.

Preferably with previous hands-on experience on sustainability topics. Proficiency in English language is a prerequisite.

2. Work Plan:

FIBR3D project is centred on the emergent technology of Additive Manufacturing (AM). The main goal of FIBR3D consists on developing a hybrid and integrated process that combines into a single-step platform additive and subtractive operations using long or continuous fiber reinforcement thermoplastics. In this general context it is necessary to develop innovative life cycle assessment (LCA) methodologies to capture the sustainability impacts of this new manufacturing process. The working plan will include:

- Identification of social impacts of AM technologies.
- Identification of occupational health and safety (H&S) impacts of AM technologies.
- Developing case studies.

3. Rules and Regulations: Law Nr. 40/2004, of 18th August, altered and republish by Decree-Law nº 202/2012 of August 27th (Scientific Research Fellow Statute) and altered by the Decree-Law nº233/2012 of October 29th and by the Law nº12/2013 of January 29th. Regulations for Advanced Training and Qualification of Human Resources, I.P in force (<http://www.fct.pt/apoios/bolsas/docs/RegulamentoBolsasFCT2015.pdf>).

4. Working location and supervisor: The work will be carried out at UNIDEMI - Research and Development Unit for Mechanical and Industrial Engineering, at Faculdade de Ciências e Tecnologia, Universidade NOVA de Lisboa (FCT-NOVA).

5. Fellowship duration: the fellowship is for 6 months, eventually renewable for another period of 6 months.

6. Salary and benefits: According to the regulations of the FCT Scientific

Fellowships in Portugal (<http://alfa.fct.mctes.pt/apoios/bolsas/valores>) the net salary will be 980€/month, which will be paid monthly by bank transfer. The fellow will be covered by a personal accident's insurance and can contribute voluntarily to the national social security system, according to Decree-Law nº 40/89, of 1 February.

7. Application Procedure: Candidates should send by email, written in English, the following materials in one PDF file:

- (a) Motivation letter
- (b) Curriculum vitae
- (c) Master Degree Certificate (with final classification)
- (d) List of publications
- (e) Identity document (ID card)

Applications should be sent to hmlc@fct.unl.pt and mclj@fct.unl.pt with the subject "Application to PhD fellowship".