

GRANT ANNOUNCEMENT

A Post-Doctoral research grant is available for scientists who currently hold a Doctoral degree in Science or Engineering disciplines within the framework of project UniRCell - Unitised regenerative fuel cell for efficient renewable energy supply: from materials to device, CICECO – Aveiro Institute of materials, POCI-01-0145-FEDER-016422 (SAICTPAC/0032/2015), financed by Programa Operacional Competitividade e Internacionalização (FEDER) e co-financed by FCT/MCTES (PIDDAC).

Research field: Materials Science and Engineering

Admission requirements:

The call is open for young researchers with a PhD degree in materials science and engineering, physics, chemistry or related areas, for less than 3 years.

Activity Outline:

Throughout the project the applicant will develop activities of synthesis, processing and evaluation of electrolytes and electrodes for polymer electrolyte fuel cells. These activities imply the use of a vast array of methods of characterization of materials, including their composition, structure, microstructure, viscoelastic properties, electrical and electrochemical properties. The assembly of the various components for fuel cell tests in single cell configuration is also envisaged.

Legislation and regulations: The fellowship is in accordance with Law N.º 40/2004, 18th August (Research Fellow Statute) and regulations for Advanced Training of Human Resources of Fundação para a Ciência e a Tecnologia (FCT) I.P. — no. 234/2012, no. 326/2013 and no. 339/2015 (<http://www.fct.pt/apoios/bolsas/regulamento.phtml.pt>) and the Regulation of Scientific Research Grants from the University of Aveiro – Regulation n.º 341/2011, published in Diário da República, 2nd series, n.º 98, 20th Maio.

Workplace: The work will be carried out at CICECO – Aveiro Institute of Materials, University of Aveiro, under the scientific supervision of Filipe Figueiredo.

Duration and scope of activity: The fellowship will have a duration of 12 months on an exclusivity basis, potentially extendable until a maximum of 36 months, and is expected to begin on the 1st of April 2017.

Value of monthly maintenance allowance: 1495€ according to the official table for Research Grants from FCT - <http://www.fct.pt/apoios/bolsas/valores>, to be paid monthly via bank transfer.

Evaluation Criteria and Process: The evaluation criteria are: number and merit of the publications in areas relevant for the proposed activities (50%); academic curriculum (20%); research curriculum relevant for the project activities (30%).

Jury: The Jury responsible for the evaluation process is composed by Doctor Filipe Miguel Henriques Lebre Ramos Figueiredo as President, Professor Fernando Manuel Bico Marques and Professor Jorge Ribeiro Frade.

Announcement of the result: The final results are presented in the form of a list ordered by final mark, which is on display at the Complexo dos Laboratórios Tecnológicos da Universidade de Aveiro, and sent by email to the selected applicant.

Documents Required: i) Application letter; ii) Curriculum Vitae, including a description of previous activities generating experience relevant for the scope of the activity; iii) Photocopy (or scanned copy) of identity card or passport; iv) Copy of certificates of all academic degrees.

Applications should be sent by e-mail to lebre@ua.pt, with subject “UniRCell-PD”.

Call Start and Finish Dates: 23rd February 2017 to 31st March 2017.