



**Call for applications to PhD Scholarships
in the framework of the
Doctorate in Applied and Engineering Physics (DAEPHYS)**

*Universidade de Aveiro (UA), Universidade de Coimbra (UC), Universidade de Lisboa (UL),
Universidade Nova de Lisboa (UNL), Instituto de Nanoestruturas, Nanomodelação e
Nanofabricação (I3N)-Aveiro, Laboratório de Instrumentação e Física Experimental de
Partículas (LIP) and Centro de Instrumentação (CI/UC).*

The Doctorate Program on Applied and Engineering Physics was selected in the framework of the FCT PhD Programs Call opened by Fundação para a Ciência e a Tecnologia IP (FCT, IP). It was awarded with 6 PhD scholarships per edition of the Program (one edition comprises 4 years) for a total of 4 editions.

In the framework of that Call, it is up to the Directive Board of the Program to select the students to whom these scholarships funded by FCT, IP., will be awarded. The scholarship-contracts will be concluded directly with FCT.

Hence, under the terms set in the Estatuto do Bolseiro de Investigação Científica approved by Law 40/2004 of 18 August, in its present wording, and the Regulamento de Bolsas da Fundação para a Ciência e a Tecnologia, the DAEPHYS Directive Board opens a call for

4 INDIVIDUAL PhD SCHOLARSHIPS

for DAEPHYS PhD Program at UA (1 scholarship), UC (2 scholarships) and UNL (1 scholarship).

The scholarships are one year long, renewable for up to a total of 4 years, and cannot be awarded for periods of less than six consecutive months. The grant period is expected to start on 1 January 2014.

Applicants: Doctoral degree scholarships are intended for individuals who meet the requirements set forth in Article 30, number 1, of Decree-Law 74/2006, of 24 March, amended by Decree-Law 107/2008, of 25 June, and Decree-Law 230/2009, of 14 September, and who wish to develop research work leading to a doctoral degree.

The following individuals may apply to the present call:

- Portuguese citizens, or citizens of other European Union member states;
- Citizens of other countries who hold valid permanent residence permits in Portugal or who hold the status of long-term resident under the terms set in Law nº 23/2007 of 4 July, amended by Law nº 29/2012 of 9 August;
- Other third country citizens with which Portugal has signed reciprocity agreements;
- Other third country citizens, when the official announcement provides for individual interviews as selection method.

For grants in which the plan of work is to be carried out fully or partially in foreign institutions, only Portuguese citizens or individuals who hold permanent resident status in Portugal are eligible to apply.

Scientific Area: Physics/Physics Engineering

Academic background: The applicants must have a Master Degree in Physics, Applied Physics, Technological Physics, Physics Engineering or in other Engineering and Science fields **with strong affinity to Physics Engineering** before 31 of October 2013. Candidates must also have good command of English.

Monthly allowance: The amount of this allowance will be the same as the Doctoral degree grants attributed directly by FCT (<http://alfa.fct.mctes.pt/apoios/bolsas/valores>) for PhD in Portugal.

Period of the Call: The call is open from 1 to 31 October 2013.

Applications: The individual applications should be submitted electronically using the application form available at <http://daephys.fis.uc.pt>. The applicants must hold a Master Degree.

Evaluation Criteria: The evaluation of applications shall be done according to the parameters set out in DAEPHYS proposal and that were confirmed in the meeting of DAEPHYS Directive Board on 25 June 2013. They take into account the intrinsic merit of the applicant. The candidates will be ranked by the application of the following evaluation criteria weights: 1st cycle grade (or first 3 years of an Integrated Master degree) – 20%; 2nd cycle grade (or 2 final years of an Integrated Master degree) – 30%; Master Thesis grade – 20%; Academic/scientific experience – 15%; Professional experience – 15%. Up to two recommendation letters and a statement of motivation, which is part of the application form, may help ranking very close candidates.

Announcement of results: The results of the candidates will be published at <http://daephys.fis.uc.pt>. If the decision is not favorable for the award of the grant, the applicant has a period of 10 working days, after receiving notice of the decision, in which to contest the decision, if she/he so wishes, as provided for in the Código do Procedimento Administrativo. Any appeal to the final decision must be brought before the DAEPHYS Directive Board within 15 working days after the notification. All applicants will be informed of the final outcome of their application by e-mail.

Complementary information: The Program directive board reserves the right to not filling all vacancies open in the present call.

Funding: The scholarships awarded under this call will be sponsored by funds from the Orçamento de Estado do Ministério da Educação, and when eligible, by funds from the Fundo Social Europeu through the Programa Operacional Potencial Humano from QREN Portugal 2007-2013 in accordance with the provisions of Regulamento Específico da Tipologia de Intervenção 4.1.

In everything not included in this Call, the Regulation of Scientific Research Grants, available at <http://alfa.fct.mctes.pt/apoios/bolsas/regulamento.phtml>, is applicable.

Detailed information is available at <http://daephys.fis.uc.pt>. Any inquiries should be addressed to daephys@uc.pt.