

Research Studentships for Doctoral students

Applications are open for 1 Research Studentship, within the framework of CeFEMA, Centro de Física e Engenharia de Materiais Avançados, projecto FCT UIDB/04540/2020, financed by national funds through FCT/MCTES (PIDDAC), under the following conditions:

Scientific Area: Chemical Engineering Sciences: Materials Science

Admission Requirements: *To be enrolled at a doctoral programme.*

Workplan: Preparation of single crystalline walls on polycrystalline substrates with inserted single crystal seeds. Analysis by EDS/EBSD.

Legislation and Regulations: Statute of Scientific Research Fellow, approved by Law nr. 40/2004, of August 18, as worded by Decree-Law nr. 123/2019, of August 28; FCT Regulation for Research Studentships and Fellowships, available on <https://www.fct.pt/apoios/bolsas/docs/RegulamentoBolsasFCT2019.pdf> and <https://dre.pt/application/file/a/127230968>.

Workplace: The work will be developed at CeFEMA, of Instituto Superior Técnico under the scientific supervision of Professor Rui Mário Correia da Silva Vilar.

Duration: The research fellowship(s) will have the duration of 6 months. It's expected to begin in December 2022 and may be eventually renewed up to the duration of the project.

Monthly maintenance allowance: According to the values for Research Fellowships awarded by FCT in Portugal (<http://www.fct.pt/apoios/bolsas/valores>), the amount of the monthly maintenance allowance is 1.144,64€, being the payment method an option of the Fellow by Wire Transfer/Check.

Selection methods: The selection methods will be the following: *The selection methods to be used will be the following: curricular assessment and previous experience, with the respective valuation of 60 and 40 out of a total of 100 values.*

Composition of the selection Jury: Professor Alberto Ferro, Professor Augusto Moita de Deus and Professor Rui Vilar.

Announcement/ notification of the results: The final evaluation results will be communicated to all applicants by email.

Deadlines and procedures of complaint and appeal. A complaint may be lodged from the final decision within 15 working days, or an appeal to the Executive Board of IST-ID within 30 working days, both counted from the respective notification

Application deadline and formalization: The call is open from November 11 until November 24, 2022.

It is mandatory to formalize applications with the submission of the following documents: i) B1 Form – Fellowship application (<https://ist-id.pt/concursos/bolsas/>); ii) *Curriculum Vitae*; iii) academic degree certificate; iv) proof of enrollment at an academic degree course (Doctoral programme) v) motivation letter;

Applications must be submitted to the email: rui.vilar@tecnico.ulisboa.pt