

(BL150/2021-IST-ID)

Research Studentships (for students of a course that does not award an academic degree, Master or Integrated Master students, or PhD students)

Applications are open for 1 Research Studentship(s), within the framework of project PTDC/QUI-ELT/2075/2020 do CQE, financed by national funds through FCT/MCTES (PIDDAC), under the following conditions:

Scientific Area: Chemistry and Materials

Admission Requirements:

- *Research Studentships (for students of a course that does not award an academic degree):*

a) *to hold a bachelor or master degree and be enrolled at a course that does not award an academic degree and it is integrated in the educational project of a higher education institution, performed in association or cooperation with one or several R&D units;*

b) *not to exceed with this contract, including the possible renovations, an accumulated period of two years in this type of studentship, continuously or with interruptions.*

- *Research Studentships (for PhD students):*

a) *To be enrolled at a PhD.*

Workplan: development and characterization of functional polymers, for incorporation in electroactive materials of electrodes used in redox supercapacitors for energy storage. The objective of these conductive hybrid materials with self-healing abilities is to increase the lifetime of the electrodes and minimize the capacity losses.

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 Centro de Química Estrutural of IST-ID, under the scientific supervision of Prof. Carlos Baleizão, Maria de Fátima Montemor, Teresa M. Silva

Duration: The research fellowship(s) will have the duration of 12 months. It's expected to begin in November/2021, and may be eventually renewed up to the maximum of 33 months for PhD students and not renewed for students of a course that does not award an academic degree

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 €1104,64, being the payment method an option of the Fellow by Wire Transfer/Check.

Selection methods: The selection methods will be the following: *Curriculum evaluation (50%), previous experience in the field (25%), interview (25%).*

Composition of the selection Jury: Fátima Montemor, Teresa M. Silva, Carlos Baleizão

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 29 September until 27 October 2021.

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, where applicable; iv) proof of enrollment at an PhD or at a course that does not award an academic degree; v) motivation letter; vi) (for holders of Bachelor or Master degrees who are enrolled at a course that does not award an academic degree) declaration on honour that the applicant does not exceed with this contract an accumulated period of two years in this type of studentship, continuously or with interruptions.

Applications must be submitted to the email: carlos.baleizao@tecnico.ulisboa.pt