

(BL234/2024)

Research Studentships for Students of a Course that does not Award an Academic Degree

Applications are open for 1 (one) research grant for R&D activities to be carried out by doctoral students or bachelors and masters enrolled in non-academic degree courses, within the framework of project (1018P.06313.1.01) Ativi_Robotics4F LA8.3_RRP_Jorge Martins, Instituto Superior Técnico, under the following conditions:

Scientific Area: Manufacturing and Industrial Management

Admission Requirements:

a) *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) Priority will be given to masters in areas of mechanical engineering, with practice of manufacturing, machining, CAD/CAM, CNC and maintenance.

Workplan: Design and manufacturing of experimental apparatus to carry out research activities on concentrated solar power cutting and laser ablation cutting.

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; IST Research Fellowships Regulation, available on https://drh.tecnico.ulisboa.pt/files/sites/45/despacho_8532_regulamento_bolsas.pdf.

Workplace: The work will be developed at Laboratory of Machining and Micro Manufacturing of Instituto Superior Técnico, under the scientific supervision of Prof Pedro Rosa.

Duration: The research fellowship(s) will have the duration of 6 months. It's expected to begin in January 2025 and may be eventually renewed up to the maximum of 12 months, including the duration of the initial contract.

Monthly maintenance allowance: the amount of the monthly maintenance allowance is 1 259,64 €, being the payment method of the Fellow by wire transfer.

Selection methods: The selection methods to be used will be the following: curriculum evaluation (40%) and knowledge test (60%). In the case of several candidates, there will be an interview with the top 3 classifieds where the winning candidate will be chosen.

Composition of the selection Jury:

Chairman of the Jury: Prof. Pedro Alexandre Rodrigues Carvalho Rosa,

Member of the Jury: Prof. Jorge Manuel Mateus Martins,

Member of the Jury: Eng. Afonso José de Vilhena Leitão Gregório

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

Application deadline and formalization: The call is open from December 20, 2024 until January 8, 2025.

Complaint and appeal procedures: The final decision may be complained, or appealed to President of IST, within 15 working days after the respective notification.

It is mandatory to formalize applications with the submission of the following documents: i) B1 Form – Fellowship application (<http://drh.tecnico.ulisboa.pt/bolseiros/formularios/>); ii) *Curriculum Vitae*; iii) academic degree certificate, where applicable; iv) proof of enrollment at a course that does not award an academic degree; v)

motivation letter; vi) 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: pedro.rosa@tecnico.ulisboa.pt