

**CALL FOR RESEARCH SCHOLARSHIP FOR MASTERS IN THE SCOPE OF THE  
PROJECT GreenAuto**  
**APPLICATION opens from 09-January-2026 until 22-January-2026**  
**Ref.<sup>a</sup> GreenAuto-BIM-5**

**Number of positions: 1**

The Institute of Systems and Robotics - University of Coimbra (ISR-UC) opens the call for applications for One (1) Research Grant for Masters (BI) in the scope of the Scientific Research Project – “GreenAuto”, in the context of a Mobilizing Agenda called “GreenAuto: Green innovation for the Automotive Industry”, financed under Notice 02/C05-i01/2022, framed in Ordinance No. 43-A/2022, of 19 January, and in the Portuguese Recovery and Resilience Plan (PRR).

**Scientific Area:** Electrical and Computers Engineering or closely related fields.

**Admission requirements:** Master’s degree in the area of Electrical and Computers Engineering or closely related fields. Applicants with academic degrees obtained abroad will be required to present a Certificate of Recognition in accordance with the Portuguese applicable law.

**Work plan:** The selected candidate will work out R&D on ML-based Perception for AMRs targeting industrial applications.

The work plan comprises the following tasks:

- Development of a multimodal approach for pallet detection and 6D pose estimation;
- Development of a motion planning approach, for pallet picking and placement with an AMR, in ROS;

**Location:** The works will take place at the Instituto de Sistemas e Robótica – Universidade de Coimbra.

**Duration:** The contract is expected to start on **1 February** and will last for a period of **five months, or until the end of the project**, which is currently scheduled for completion on 30 June 2025, whichever occurs first.

**Monthly remuneration:** The monthly maintenance allowance is **€1309.64**. The maintenance allowance will be paid monthly by bank transfer. ([https://www.fct.pt/wp-content/uploads/2025/02/Tabela\\_valores\\_SMM\\_2025.pdf](https://www.fct.pt/wp-content/uploads/2025/02/Tabela_valores_SMM_2025.pdf)).

**Selection method:** Curriculum evaluation (100%). If the Jury deems it necessary, an interview can be conducted to the candidates placed in the first three positions according to the ranking resulting from the previous criteria. In this case, the final score will include the curriculum evaluation with a 50% rating, and the interview, with a 50% rating. If none of the candidates has the appropriate profile (global assessment below 50%), the scholarship will not be awarded.

**Selection and attribution criteria:** In the curricular evaluation will be considered the following criteria: global merit of the curriculum vitae (40%) and adequation of the candidate to the project (60%).

In the interview (if it occurs, for the best 3 candidates of the Curricular Evaluation, the motivation degree and the commitment for the task to develop will be taken into consideration.

The candidates with a final evaluation lower than 3.5 on a 5 point scale will be excluded. The jury reserve the right to don't attribute the scholarship in the case of no candidate has the required profile.

**Jury:** Professor Urbano J. Nunes, Doctor Luís Garrote, Doctor Tiago Barros.

**Publication of the results:** The evaluation results will be announced within 90 days after the end of the applications submission deadline, by notifying the applicants via email. After the announcement of the results, candidates are considered automatically notified to, if they wish to do so, comment on the results on a preliminary hearing period within 10 days after that date. After this, the selected candidate will have to declare in writing their acceptance. Unless a justification worthy of consideration is presented, if the declaration is not submitted within the referred period, it is considered that the candidate waives the contract. In case of resignation or withdrawal of the selected candidate, the next candidate with the highest evaluation score will be notified immediately.

**Application submission:** The applications shall be sent by email to [urbano@isr.uc.pt](mailto:urbano@isr.uc.pt) and in cc to [gustavo.bongiovi@isr.uc.pt](mailto:gustavo.bongiovi@isr.uc.pt) specifying in the subject: **Ref.<sup>a</sup> GreenAuto-BIM-5.** The following documentation must be attached to the email (in PDF format): (1) Curriculum Vitae (CV), (2) academic certificate with the final classification in the course and respective modules, and (3) letter of motivation.

**Submission of applications:** The application process is open from **09-January-2026 until 22-January-2026.**