

1 (one) PhD Scholarship Recipient Selection Minute

Preamble

The selection of a research fellowship position refers to the call for one (1) position for a PhD student in Mechanical Engineering within the framework of the project PTDC/EME-EME/2728/2021 – ToughJoint, funded by FCT/MCTES, which ran from November 15th to December 9th 2022 with reference RH ToughJoint UPAL 46.1/2022.

In accordance with FCT regulations for the allocation of Research Grants, the announcement was posted in the usual places: INEGI and Euraxess and other educational institutions. A jury was also formed, composed of the following doctorates: Dr. Ricardo João Camilo Carbas (President), Dr. Eduardo André de Sousa Marques (Vowel), Dr. Lucas Filipe Martins da Silva (Vowel).

Minute of the meeting of December 22nd 2022

The Principal Investigator of the project presented the curricula of the candidates to the scholarship, namely:

- Hossein Malekinejad
- Raphael Motta Nascimento
- Václav Vomácko

The candidate was evaluated based on the aspects presented in point 5 of the announcement: the academic qualifications and their suitability for the proposed work were analysed.

Considering the selection criteria and the documents presented, the jury considered that the candidate Raphael Motta Nascimento does not meet the necessary requirements, as he has not demonstrated knowledge in the mechanical response of structural adhesive joints under impact loads. Furthermore, he has not demonstrated experience in programming using Python and modelling using Abaqus, nor knowledge in the characterization of polymeric materials as required in point 5 of this international call.

The candidates Hossein Malekinejad and Václav Vomácko have demonstrated experience in composite laminates, as well as in mechanical testing and numerical simulation activities. This background is crucial for the successful development of this project. Due to this, these candidates were selected for an interview, which took place on the 22nd of December 2022.

Based on the curricular evaluation and interview, the jury decided the following classification (0-100), corresponding to the weighted arithmetic mean of each member's marks.

- Hossein Malekinejad (80/100)
- Václav Vomácko (60/100)

In conclusion, in the opinion of the jury and with nothing to object, the candidate Hossein Malekinejad was found to be the most suitable and unanimously selected.

Porto, December 22nd 2022


Ricardo João Camilo Carbas


Eduardo André de Sousa Marques


Lucas Filipe Martins da Silva