

OFFER –

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The Instituto Biofisika (IBF; www.biofisika.org) is a joint research centre of the University of the Basque Country (UPV/EHU) and the Spanish National Research Council (CSIC). The centre focuses on fundamental and translational biophysics research and offers a highly collaborative culture.

Offer and description of the project

We offer a University Graduate position at the [Numerical Methods for Cryo Electron Tomography](#) lab at Instituto Biofisika (Leioa) under the supervision of Dr. Daniel Castaño.

The research will focus on meta-learning for the automated analysis of high-resolution cryo-electron tomography images. The researcher needs to have a strong background in Computer Vision.

The offered [offered position](#) is part of the CSIC [Momentum program](#). The maximum duration of the contract will be until December 2028.

Required background

- Master's or Engineering degree in a technical discipline.
- Experience in the use of artificial intelligence.
- Experience in developing numerical methods for image processing.
- Advanced knowledge of Matlab, C++, and/or CUDA.
- Experience in research projects focused on structural and/or molecular biology.
- Good written and oral communication in English is necessary.

Applications should be sent directly to the project's Principal Investigator in daniel.castano@csic.es. Applications in a single pdf file must include:

- Curriculum Vitae.
- A motivation letter.
- The contact of 2 referees

Deadline: 15th of September, 2024. Given the administrative steps necessary for the completion of the application, it is advised to contact the PI well ahead of this date.