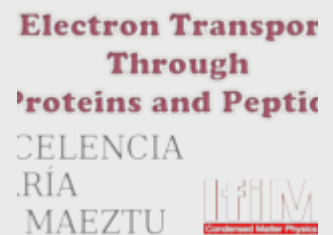


## Postdoctoral Position at UAM-IFIMAC in Electron Transport Through Proteins and Peptides – Closed



**A** postdoctoral position is available at UAM ([Universidad Autónoma de Madrid](#))

and funded by the [Condensed Matter Physics Center – IFIMAC](#). The candidate will work under the supervision of Prof. [Juan Carlos Cuevas](#) and Dr. [Linda A. Zotti](#) on the theory of electron transport through proteins and peptides. Funding is available for 18 months.

The successful applicant will carry out theoretical simulations on the electron transport through proteins and peptides by means of Density Functional Theory (DFT) calculations, Non-Equilibrium Green's Function Techniques and tight-binding models. It will be based on a close cooperation with experimental partners.

Applicants are invited to send a cover letter, a curriculum vitae and contact details of 2 referees who may be contacted to Dr. [Linda A. Zotti](#) ([linda.zotti@uam.es](mailto:linda.zotti@uam.es))

Applications will be accepted until the position is filled, but those received before the 20th of July 2017 will be guaranteed full consideration.

Requirements:

PhD in solid-state physics or computational chemistry.

Fortran and bash-script programming skills, experience in UNIX-based operating systems.

Strong background in solid state physics (basic knowledge of DFT and Green's function techniques would be beneficial but not necessary).

Good written and oral English language communication skills.

For further information please visit [IFIMAC's website](#).