

SHORT PRE-DOCTORAL CONTRACT IN ATOMIC AND MOLECULAR PHYSICS

A 5-month pre-doctoral contract is available in the Chemistry Department, *Facultad de Ciencias*, in the *Universidad Autónoma de Madrid (UAM)*, under the joint supervision of Prof. O. Fojón (Universidad de Rosario) and Dr. A. Palacios, *Ramón y Cajal Fellow (UAM)*. The research is focused on the use and development of ab initio methods to investigate the role of electron correlation in laser-atom and laser-molecule interactions using attosecond pulses.

CANDIDATE PROFILE: Graduate in Physics or Chemistry (Chemical physics) (at the incorporation date). Applicants should have scientific interest for atomic and molecular physics and, preferably, some basic knowledge on developing numerical and computational methods. The project is developed in the framework of ultrafast atomic and molecular processes in multielectronic targets subject to attosecond radiation sources.

APPLICATION DEADLINE: April 28, 2017

EXPECTED STARTING DATE: May, 2017

APPLICATIONS should be sent to beatriz.martin@uam.es and should include:

- Cover Letter
- CV
- Contact information for at least two references

Only applications including these three items to the above-mentioned e-mail address will be taken into consideration.

RESEARCH GROUPS: More information about the research group and publications can be found in:

<http://web.uam.es/departamentos/ciencias/quimica/spline/alicia/personal/index.html>

<http://www.ifir.edu.ar/index.php/es/miembros/35-fojon>

CONTACT FOR APPLICATIONS AND INFORMATION: beatriz.martin@uam.es

*The position shall be financed by the DGUI 2016 call for the recruitment of talented researchers of the Madrid region (more details [here](#))

