

Postdoctoral Position at the Modelling Group (PI: Fernando Martín).

A postdoctoral position is available at the [group of Prof. Fernando Martín](#) at IMDEA Nanociencia, Madrid. The position (1+1 years) will be fully funded under the project FULMATEN-CM (Ref: Y2018/NMT-5028, funded by the Programmes of R&D Activities of Comunidad de Madrid). The Project aims at using attosecond and few-femtosecond laser pulses for real time imaging of charge transfer processes occurring in organic molecules and eventually control them. Salary depending on experience or commensurate for a postdoctoral fellow in Spain.

The candidates must hold a PhD in Chemistry, Physical Chemistry, or a closely related subject, as well as show a solid demonstrable experience in atomic, molecular and optical physics, attosecond physics, scattering theory, numerical methods and/or programming. Transnational mobility periods, demonstrated independence and commitment to team work, and any additional skills in computational modelling and/or experimental work on ultrafast science will be positively valued.

The successful candidate will carry out the following tasks:

- Development of theoretical spectrums of photoelectrons and attosecond transient absorption.
- Theoretical calculation for the synthesis of organic photovoltaic systems.

Applications, including a letter of motivation and future research interests, a CV and list of publications, contact information for two references, copy of PhD certificate, and any additional information that can support the application should be directed by email to fulmaten-cm@imdea.org before February 15th, 2019, with the reference "FULMATEN-IMDEA1" in the issue.



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