

## **Postdoctoral Position at the Chemical Reaction Dynamics and Femtochemistry Group - UCM (PI: Luis Bañares).**

A postdoctoral position is available at the [group of Prof. Luis Bañares](#) at the Faculty of Chemistry (Universidad Complutense de Madrid). The position (1+1 years) will be fully funded under the project FULMATEN-CM, coordinated by IMDEA Nanociencia (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 ultrafast lasers, laser spectroscopy, harmonic generation, photoelectron spectroscopy, and pump-probe experiments. 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:

- Participation in the build-up of a high harmonic generation line specially designed to visualize charge transfer processes in pump-probe experiments with sub-femtosecond or few femtosecond time resolution.
- Subsequent application of this line.

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](mailto:fulmaten-cm@imdea.org) before February 15<sup>th</sup>, 2019, with the reference "FULMATEN-UCM1" in the issue.



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