

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

A predoctoral position is available at the [group of Prof. Luis Bañares](#) at Faculty of Chemistry (Universidad Complutense de Madrid). The position (1+2 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 predoctoral fellow in Spain.

The candidates must hold a BSc in Chemistry, Physical Chemistry, or a closely related subject (MSc will be positively evaluated), as well as show an excellence knowledge of ultrafast lasers and/or laser and photoelectron spectroscopies. We will value positively enthusiasm for learning and commitment to teamwork as well as any additional skills in experimental molecular physics, lasers and spectroscopy.

The successful candidate will participate in the build-up and subsequent use 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.

Applications, including a letter of motivation and future research interests, a CV and list of publications, contact information for two references, copy of BSc and/or MSc certificates, 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 March 3<sup>rd</sup>, 2019, with the reference "FULMATEN-UCM2" in the issue.



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