

## Moonshiram Lab

We are an interdisciplinary research group at IMDEA Nanociencia.

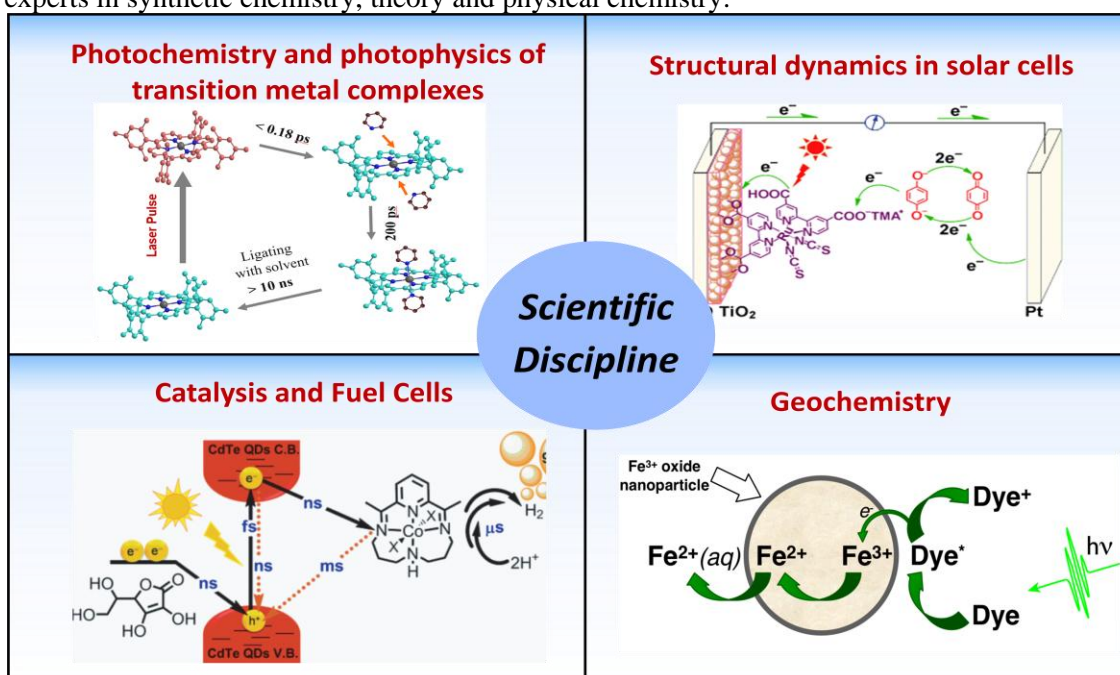
### Research

We use ultrafast x-ray methods to study light-induced processes such as photo-switching and photocatalysis for artificial photosynthesis. X-ray based techniques employed in our group are further complemented with laboratory-based methods such as UV-Visible spectroscopy, Resonance Raman, Electron Paramagnetic Resonance and Optical transient absorption spectroscopy.

### Join us!

**Masters and Undergraduate students:** Are you interested in photochemistry and mechanisms of chemical reactions? Do you like working in a synchrotron with physicists and chemists?

Our research program provides students with training in advanced spectroscopic methods, data analysis, theoretical calculations and basic synthesis. We also provide students with opportunities to collaborate with experts in synthetic chemistry, theory and physical chemistry.



Send a short CV directly to Dr. Dooshaye Moonshiram

**(dooshaye.moonshiram@imdea.org).**

Check out our group!

<http://nanociencia.imdea.org/home-en/people/item/dooshaye>

<https://moonshiram.wordpress.com/>

