



Contribution ID: 285

Type: **poster**

Ultrafast Intramolecular Electron Transfer in Dye-sensitized Solar Cells: A Computational Perspective

Wednesday 3 July 2019 18:00 (2 hours)

Electron transfer between the organic dye to semiconducting substrate in Dye Sensitized Solar Cells (DSSC) plays a crucial role in determining the efficiency of the solar cells. We discuss how the photoexcited charge transfers in such molecules and the overall photoabsorption can be further tuned under suitable laser field.

Authors: Dr UPADHYAY KAHALY, Mousumi (ELI-ALPS, ELI-HU Non-Profit Ltd.); Ms CHORDIYA, Kalyani (ELI-ALPS, ELI-HU Non-Profit Ltd.)

Presenter: Ms CHORDIYA, Kalyani (ELI-ALPS, ELI-HU Non-Profit Ltd.)

Session Classification: Poster session 2