
Seminar

Drift charge transport in organic solar cells

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In many of the emerging photovoltaic technologies such as organic and perovskite solar cells, the charge transport process towards the electrodes is governed by the drift mechanism rather than by the diffusion as in classical crystalline-silicon solar cells. The drift length in a semiconductor is a product of charge mobility, charge lifetime and electric field across the semiconductor. Here the experimental techniques to determine the parameters of drift length in organic solar cells are discussed with examples.

Tuesday, Nov 17th 2015

4:00 PM (Tea/Coffee at 3:45 PM)

Seminar Hall, TCIS