24th Australian Institute of Physics Congress



Contribution ID: 208

Type: Poster

Effect of the silicon substrate on singlet and triplet exciton binding energy in crystalline tetracene

Tuesday 13 December 2022 18:45 (15 minutes)

We study the effect of the inorganic semiconductor substrate on the exciton binding energies in the crystalline tetracene and its implications for the singlet fission effect.

Authors: Dr KLYMENKO, Mykhailo (ARC Centre of Excellence in Exciton Science, RMIT University); Prof. COLE, Jared (ARC Centre of Excellence in Exciton Science, RMIT University)

Presenter: Dr KLYMENKO, Mykhailo (ARC Centre of Excellence in Exciton Science, RMIT University)

Session Classification: Poster session

Track Classification: COMMAD: COMMAD: Solar cells, thermoelectricity, fuel cells, power electronics, and green-energy devices