

[ThB3] PePv III

Date / Time July 5 (Thu.), 2018 / 15:55-17:10

Place Room B (#106)

Session Chair Xianjie Liu (Linkoping Univ., Sweden)

ThB3-01 15:55-16:10

Study for Decoupled Interface Dipole Moments and Energy Level Alignment in Organic Solar Cells and Hybrid Perovskite Solar Cells

Kyung-Geun Lim¹ and Tae-Woo Lee²

¹KRISS, Korea, ²Seoul Nat'l Univ., Korea

ThB3-02 16:10-16:25

Introducing Paired Electric Dipole Layers for Efficient Charge Collection in Polymer and Perovskite Solar Cells

Jong-Hoon Lee¹, Junghwan Kim², Geunjin Kim³, Song Yi Jeong¹, and Kwanghee Lee¹

¹GIST, Korea, ²Univ. of Toronto, Canada, ³KRICT, Korea

ThB3-03 16:25-16:40

Effect of Lattice Defect on Performance of Perovskite Solar Cell

SM Iftiqar and Junsin Yi

Sungkyunkwan Univ., Korea

ThB3-04 16:40-16:55

Designing Low-Cost and Amorphous Hole Transporting Materials for Efficient and Stable Perovskite Solar Cells

Xin Guo

Dalian Inst. of Chemical Physics, Chinese Academy of Sciences, China

ThB3-05 16:55-17:10

Analysis on Ion Diffusion Induced Degradation Mechanism of Sequentially Deposited Perovskite Light Emitting Diodes

Hyunho Lee, Donghyun Ko, and Changhee Lee

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