



Session Title	[ThB3] PePv III
Date / Time	July 5 (Thu.), 2018 / 15:55-17:30
Room	Room B (#106)
Session Chair	TBA

ThB3-O1

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-O2

16:10-16:25

Perovskite Solar Cells Aforgiving, Yet Deceiving, Material System – The Role of Ions and Device Structure

Nir Tessler¹ and Yana Vaynzof²
¹Technion, Israel, ²Heidelberg Univ., Germany

ThB3-O3

16:25-16:40

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-O4

16:40-16:55

Effect of Lattice Defect on Performance of Perovskite Solar Cell

SM Iftiquar and Junsin Yi
Sungkyunkwan Univ., Korea

ThB3-O5

16:55-17:10

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-O6

17:10-17:25

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

Hyunho Lee, Donghyun Ko, and Changhee Lee
Seoul Nat'l Univ., Korea