



IUMRS-ICEM 2018

AUGUST 19(SUN.) - 24(FRI.), 2018 / DAEJEON, KOREA

Session Title	Pervoskite Solar Cells	Session Code	Mo-J3
Date and Time	2018-08-20 / 16:00 - 18:00		
Place	Room J		
Session Chair	TBA		

Mo-J3-1

16:00 - 16:30

[Invited] Domain Walls in Organic-Inorganic Halide Perovskite Materials

Jae Sung Yun, Dohyung Kim, Martin Green, Shujuan Huang, Jan Seidel, and Anita Ho-Baillie
Univ. of New South Wales, Australia

Mo-J3-2

16:30 - 17:00

[Invited] Discovery of Bismuth-based Alternatives to Lead-Halide Perovskite Solar Cells

Robert Hoye
Univ. of Cambridge, UK

Mo-J3-3

17:00 - 17:30

[Invited] Overcoming The Short-Circuit Behavior in Sn-based Halide Perovskite Solar Cells

Tze-Bin Song
Northwestern Univ., USA

Mo-J3-4

17:30 - 17:45

Atomic Scale Investigation of Degradation Process on MA(CH₃NH₃)PbBr₃ Single Crystal with Ambient Pressure Atomic Force Microscopy (AP-AFM)

Joong Il Jake Choi^{1,2}, Zafer Hawash³, Hyunhwa Lee², Luis K. Ono³, Yabing Qi³, and Jeong Young Park^{1,2}
¹IBS, Korea, ²KAIST, Korea, ³OIST, Japan

Mo-J3-5

17:45 - 18:00

Plasmon-Active Silver Window Electrodes for High Performance Organic Photovoltaics

Jaemin Lee, Steven Huband, and Ross A. Hatton
Univ. of Warwick, UK