
Session Title: 55. Chalcogenide Photovoltaics

Date: Aug. 26, 2016 (Friday)

Time: 08:30~10:10

Room Room G (Room 401)

Session Chairs Dr. Jae Ho Yun (KIER, Korea)

Dr. Won Seok Han (ETRI, Korea)

G55-1

08:30~08:55

[Invited] Development of Vacuum Processes for Solar Cells with Earth-Abundant Materials

Dae-Hwan Kim, Kee-Jeong Yang, Shi-Joon Sung, Dae-Kue Hwang, Dae-Ho Son, Si-Nae Park, Sang-Ju Lee, Yong Chan Choi, Jun-Hyoung Sim, Young-Il Kim, Dong-Hwan Jeon, JungSik Kim, and Jin-Kyu Kang (DGIST, Korea)

G55-2

08:55~09:20

[Invited] Efficient Chalcogenide Thin Film Solar Cells Consisting of Earth-Abundant, Cheap, and Non-Toxic Elements

Se Won Seo and Jin Young Kim (Seoul Nat'l Univ., Korea)

G55-3

09:20~09:45

[Invited] Alternative n-Type Buffer Layers for $\text{Cu}_2\text{ZnSn}(\text{S},\text{Se})_4$ Thin Film Solar Cells

Hee Kyeong Hong, Dongha Lim, Jae Yu Cho, Gwang Yeom Song, and Jaeyeong Heo (Chonnam Nat'l Univ., Korea)

G55-4

09:45~10:10

[Invited] Interpretation of Interfacial Properties of $\text{Cu}(\text{In},\text{Ga})\text{Se}_2$ Solar Cell with Zn-Based Buffer Layers

Yong-Duck Chung, Dae-Hyung Cho, Jae-Hyung Wi, Woo-Jung Lee, Hye-Jung Yu, and Won Seok Han (ETRI, Korea)