



[FE1] Energy and Related Devices	
Date / Time	July 27 (Fri.), 2018 / 09:00-11:00
Place	Room E (#107~108)
Session Chair(s)	Myunghun Shin (Korea Aerospace Univ., Korea) Doo-Hyun Ko (Kyung Hee Univ., Korea)

FE1-1 [Invited]

09:00-09:30

Self-Aggregated AAO Nanowire Structures for Solar Energy Harvesting

Kyoungsik Kim

Yonsei Univ., Korea

FE1-2 [Invited]

09:30-10:00

Multinary III-V Materials for High Efficiency Multi-Junction Solar Cells

Taewan Kim

KRISS, Korea

FE1-3

10:00-10:20

Dissociation of Carbon Dioxide Using a Microhollow Cathode Discharge Plasma Reactor at Atmospheric Pressure

Qi Shi, Hai-Xing Wang, and Tao Ma

Beihang Univ., China

FE1-4

10:20-10:40

Ambient Annealing Influences Upon Optical, Structural and Electrical Properties of Thermal Evaporated MoO_x Thin Films for High Efficiency Crystalline Si Solar Cells Applications

Kumar Mallem, Yong Jun Kim, Shahzada Qamar Hussain, Subhajit Dutta, Minkyu Ju, Youngkuk Kim,

Young-Hyun Cho, Eun-Chel Cho, and Junsin Yi

Sungkyunkwan Univ., Korea

FE1-5

10:40-11:00

Fabrication and Characterization of High-Quality Films and Nanopatterns of Upconversion Materials

Heeyeon Park, Gang Yeol Yoo, Min-Seop Kim, Kein Kim, Chiho Lee, Sunghnam Park, and Woong Kim

Korea Univ., Korea