



Session Title	[ThD3] OPV VII
Date / Time	July 5 (Thu.), 2018 / 15:55-17:30
Room	Room D (#109)
Session Chair	TBA

ThD3-O1 15:55-16:10

Photo-Current Conversion in Non-Fullerene Solar Cells

Derya Baran
KAUST, Saudi Arabia

ThD3-O2 16:10-16:25

Fully Printed Polymer Solar Cells

Yinhua Zhou
Huazhong Univ. of Science and Tech., China

ThD3-O3 16:25-16:40

Small Molecule Solar Cells Consisting of Benzodithiophene Core and Indandione Terminal Units for Energy Harvesting Devices

Ryota Arai¹, Seiichi Furukawa², Yu Hidaka², Woong Shin², Hideaki Komiyama², and Takuma Yasuda²
¹*RICOH Co. Ltd., Japan*, ²*Kyushu Univ., Japan*

ThD3-O4 16:40-16:55

Eco-Friendly Preparation of Water Dispersed Nanoparticles for Organic Solar Cells Eliminating the Usage of Halogenated Solvents in All Process

Xun Pan¹, Desta Gedefaw², and Mats Andersson¹
¹*Flinders Univ., Australia*, ²*Univ. of the South Pacific, Fiji*

ThD3-O5 16:55-17:10

Side-Chain Isomerization with Ortho- and Meta-Fluorine Substitution Influencing Morphology and Performance of Non-Fullerene Organic Solar Cells

Changduk Yang and Jungho Lee
UNIST, Korea

ThD3-O6 17:10-17:25

Fullerene Oxidation – a Key Degradation Pathway of Organic Photovoltaic Cells

Harrison Ka Hin Lee¹, Andrew Telford², Jason Röhr², Mark Wyatt¹, Beth Rice², Jiaying Wu², James Durrant², Wing Chung Tsoi¹, Jenny Nelson², and Zhe Li¹
¹*Swansea Univ., UK*, ²*Imperial College London, UK*

ThD3-O7 17:25-17:40

Organic Photovoltaic Cells are Excellence Indoor Light Harvesters for Self-Sustainable Electronics: The Importance of Choosing Right Material Systems

Harrison Ka Hin Lee¹, Jiaying Wu², Jérémy Barbé¹, Sagar Jain¹, Emily Speller¹, Zhe Li¹, James Durrant², and Wing Chung Tsoi¹
¹*Swansea Univ., UK*, ²*Imperial College London, UK*