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<b>Session Title:</b>	<b>29. YLC</b>
<b>Date:</b>	Aug. 24, 2016 (Wednesday)
<b>Time:</b>	16:30~18:15
<b>Room</b>	Room E (Room 302)
<b>Session Chairs</b>	Prof. Hyun Jae Kim (Yonsei Univ., Korea) Prof. Sung Kyu Park (Chung-ang Univ., Korea)

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E29-1

16:30~16:45

### **Effect of Light-induced Degradation on Charge Extraction Properties in PTB7:PC<sub>71</sub>BM Solar Cells**

Jiyun Song, Priyanka Tyagi, Yongwon Kwon, Kunsik An, Myeongjin Park, Heeyoung Jung, and Changhee Lee (Seoul Nat'l Univ., Korea)

E29-2

16:45~17:00

### **Growth Temperature Dependence High Performance Indium Zinc Oxide Flexible Thin Film Transistor by Atomic Layer Deposition**

Jiazhen Sheng and Jin-Seong Park (Hanyang Univ., Korea)

E29-3

17:00~17:15

### **Effects of Oxidative Materials on MoS<sub>2</sub> Channel Layer during Atomic Layer Deposition**

Whang Je Woo, Jeong-Gyu Song, Hanearl Jung, Bo-Eun Park, Jongseo Park, Kyunam Park, Jusang Park, and Hyungjun Kim (Yonsei Univ., Korea)

E29-4

17:15~17:30

### **Development of Inkjet Printed N-type Organic Electronics: OFETs and Circuits**

Seung Jae Moon, Wenlin Kuai (Université Rennes 1, France), Byung Seong Bae (Hoseo Univ., Korea), Tayeb Mohammed-Brahim, Maxime Harnois, and Emmanuel Jacques (Université Rennes 1, France)

E29-5

17:30~17:45

### **Analysis of the Defect Sites and Electron Trapping Mechanism of the In-Zn-O and Al-Sn-Zn-In-O Thin Film Transistor**

Youngin Goh, Taeho Kim (Korea Univ., Korea), Jong-Heon Yang, Ji Hun Choi, Chi-Sun Hwang, Sung Haeng Cho (ETRI, Korea), and Sanghun Jeon (Korea Univ., Korea)

E29-6

17:45~18:00

### **Design of Hybrid Photo Sensor Circuitry made by Solution-Processed Metal-Oxide and Organic TFTs**

Jaehyun Kim (Chung-Ang Univ., Korea), Jaekyun Kim (Hanbat Nat'l Univ., Korea), Myung-Gil Kim, Sungmin Kwon, Kyung-Tae Kim, Seok Gyu Ban (Chung-Ang Univ., Korea), Yong-Hoon Kim (Sungkyunkwan Univ., Korea), and Sung Kyu Park (Chung-Ang Univ., Korea)

E29-7

18:00~18:15

### **Control of Absorption and Scattering of the Incident Light Using Liquid Crystals Doped with Dichroic-Dye and TBAB**

Jae-Won Huh, Jin-Hun Kim, Seong-Min Ji, Byeong-Hun Yu, and Tae-Hoon Yoon (Pusan Nat'l Univ., Korea)