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<b>Session Title:</b>	<b>52. Materials for flexible TFT</b>
<b>Date:</b>	Aug. 26, 2016 (Friday)
<b>Time:</b>	08:30~10:05
<b>Room</b>	Room D (Samda B)
<b>Session Chairs</b>	Prof. Tatsuyu Okada (Univ. of the Ryukyus, Japan)

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D52-1

08:30~08:55

**[Invited] The Nonbonding Conformational Locks for Constructing Highly Planar  $\pi$ -Conjugated Systems**

Tao Dong, Pan Ye, Lei Lv, Lei Yang, Xinlong Wang, and Hui Huang (Univ. of Chinese Academy of Sciences, China)

D52-2

08:55~09:20

**[Invited] OLED Driving Circuits Based on Printed SWCNT Thin Film Transistors**

Jianwen Zhao, Weiwei Xu, Wenya Xu, Chunshan Zhou, Xiang Zhang, and Zheng Cui (Chinese Academy of Science, China)

D52-3

09:20~09:35

**Photoelectric Characteristics of Lateral Thin Film Si Photodiode by Metal Electrodes for SoP**

Tatsuyuki Higashizako, Charith Jayanada Koswaththage, Kota Nakao, Tatsuya Okada, and Takashi Noguchi (Univ. of the Ryukyus, Japan)

D52-4

09:35~09:50

**Advanced Low Temperature Crystallization of PE CVD Si Films without De-Hydrogenation Using BLDA (Blue Laser Diode Annealing)**

Futa Gakiya, Takuya Ashitomi, Taisei Harada, Tatsuya Okada, Takashi Noguchi (Univ. of the Ryukyus, Japan), Osumu Nishikata, Atsushi Ota, and Kazuya Saito (ULVAC Inc., Japan)

D52-5

09:50~10:05

**Subthreshold Current Increase due to Grain Boundary Barrier Lowering of LTPS TFT**

GeumJu Moon, YoungHa Sohn, KwangHyun Choi (Konkuk Univ., Korea), Young-Sang Kim (Sungkyunkwan Univ., Korea), and KeeChan Park (Konkuk Univ., Korea)