



IUMRS-ICEM 2018

AUGUST 19(SUN.) - 24(FRI.), 2018 / DAEJEON, KOREA

Session Title	Organic and Polymeric Materials for Flexible and Stretchable Electronics II	Session Code	Th-F2
Date and Time	2018-08-23 / 13:30 - 15:30		
Place	Room F		
Session Chair	TBA		

Th-F2-1

13:30 - 14:00

[Invited] Deformable Organic Nanowire Transistors

Tae-Woo Lee
Seoul Nat'l Univ., Korea

Th-F2-2

14:00 - 14:30

[Invited] Organic Thin-Film Transistors for Flexible Analog Electronics

Vincenzo Pecunia
Soochow Univ., China

Th-F2-3

14:30 - 14:45

Investigation on Charge Transfer Properties of Cyclopentadithiophene-based D-A Type Semiconducting Copolymers

Jiyoul Lee
Pukyong Nat'l Univ., Korea

Th-F2-4

14:45 - 15:00

Room-Temperature, Solution-Processed Polyimide Gate Dielectrics for Reliable Organic Field-Effect Transistors

Hyunjin Park¹, Sungmi Yoo², Yoon Ho Kim², and Sungjune June¹
¹POSTECH, Korea, ²KRICT, Korea

Th-F2-5

15:00 - 15:15

DC Compact Model for Low-Voltage Flexible Organic Field-Effect Transistors

Jung Sungyeop¹, Yvan Bonnasieux², Gilles Horowitz², and Sungjune Jung¹
¹POSTECH, Korea, ²Ecole polytechnique, France

Th-F2-6

15:15 - 15:30

Effect of Nitrogen Incorporation in Indium Gallium Zinc Oxide (IGZO) Sputtering Target for High Performance Thin Film Transistors (TFTs)

Yeo Ryang Lee¹, Jung Joon Kim¹, Dae Yung Kim¹, Hyun Joo Choi¹, In Chan Hwang², and Mi Jung Lee¹
¹Kookmin Univ., Korea, ²Kwangwoon Univ., Korea