

Topic Title:

**03. Special Session III: Deformable Display Technologies:
Flexible/Foldable/Stretchable**

Session Title:

04. Poster Session 3

[04_03_1176]

Fabrication of Flexible Piezoelectric Energy Harvester Electrodes by Screen Printing Method

Chae-Song Kwak and Sun Hong Yoon (KETI, Korea)

[04_03_1293]

Fabrication of Stretchable Super Lattice Thin-Film Transistor at Low Temperature

Hongen Dong, Jeong Oh Kim, CheolHee Choi, Hongwei Xu, Min Jae Kim, and Jae Kyeong Jeong (Hanyang Univ., Korea)

[04_03_1324]

A Study on Using Ultra-Thin Glass with Multilayer Structure for Foldable Display Cover Window

Myeong-Hun Ha, Byung-Min Park, and Kwan-Young Han (Dankook Univ., Korea)

[04_03_1374]

Flexible PMMA-ZrA Hybrid Gate Dielectric for Low Temperature, High Performance In-Ga-Sn-O Thin-Film Transistors

Jae Min Jung, Su Eon Lee, Bo Kyoung Kim, Wan Soo Son, Ho Chang Lee, and Jae Kyeong Jeong (Hanyang Univ., Korea)

[04_03_1384]

UV-Induced Patternable Hybrid Polydimethylsiloxane (PDMS) Passivation Layer for Stretchable Organic Electrochemical Transistor

Joohyuk Kang (KAIST, Korea), Wonryung Lee (KIST, Korea), Young-Woo Lim, Seungwan Kim, Injun Lee, and Byeong-Soo Bae (KAIST, Korea)

[04_03_1394]

Assessment of Fatigue Strain in Hard Coating on Colorless Polyimide Film under Folding via Digital Image Correlation Method

Yung Lee, Woosung Jo, Hyunhwan Lee, Taek-Soo Kim, and Byeong-Soo Bae (KAIST, Korea)

[04_03_1412]

Electrical and Optical Characteristics of Visible Parylene Films

Ye-Seul Lee, Ji-Hyeon Yoon, Akpeko Gasonoo, Seung-Hun Lee, Yoonseuk Choi, Jonghee Lee, and Jae-Hyun Lee (Hanbat Nat'l Univ., Korea)

[04_03_1574]

Low-Temperature Processable and Photo-Curable Polyimides as Gate Insulator for Flexible Display Backplane

Kyeongmin Ki and Taek Ahn (Kyungsung Univ., Korea)

[04_03_1606]

One-Component Sol-Type Siloxane-Based Hard Coating Resin for Anti-Scratch, Superhydrophobic Foldable Cover Window

Kang-Han Kim (KITECH, Korea and Hanyang Univ., Korea) and Yong-Cheol Jeong (KITECH, Korea)

[04_03_1607]

The Study of the Highly Flat Rigid/Soft/Rigid (RSR) Structured - the Flexible Cover Window for Flexible Display

Do-Gwan Kim, Kang Han Kim (KITECH, Korea and Hanyang Univ., Korea), and Yong-Cheol Jeong (KITECH, Korea)

[04_03_1608]

Flexible but Wear-Resistant and PH-Responsible Co-Citrate Elastomer for Wearable OLED Display Device

Yong-Cheol Jeong (KITECH, Korea)

[04_03_1696]

Anti-Dehydrate Glycerol-Water Hybrid Hydrogel for Strain Sensors

Changhun Seok, Hanul Moon, Haechang Lee, and Seunghyup Yoo (KAIST, Korea)

[04_03_2001]

Relieved Distortion Using Neutral Layer in Stretchable Display

Suan Lee, Jun hyuk Shin, and Su Seok Choi (POSTECH, Korea)