

Session Title:	04. Dynamic Form Factor Displays: Backplane
Session Date:	August 20 (Wed.), 2025
Session Time:	09:00-10:30
Session Room:	Room D (218)
Session Chair(s):	Prof. Jimin Kwon (UNIST, Korea) Prof. Jaeyoung Jang (Hanyang Univ., Korea)

[D04-1] [Invited]

09:00-09:25

Stretchable TFTs and Photodiodes for Free-Form Electronics

Gae Hwang Lee, Hyunbum Kang, Yasutaka Kuzumoto, Hyungjun Kim, Joo-Young Kim, Sung-Gyu Kang, Kyunghun Kim, Jong Won Chung (Samsung Electronics, Korea), Sungjun Park (Ajou Univ., Korea), Yungjun Yun (Hallym Univ., Korea), and Tae-Gon Kim (Samsung Electronics, Korea)

[D04-2] [Invited]

09:25-09:50

Flexible Two-Dimensional Transition Metal Dichalcogenide Transistors

Alwin Daus (Univ. of Stuttgart, Germany) and Quỳnh Thị Phùng (Univ. of Freiburg, Germany)

[D04-3] [Invited]

09:50-10:15

Heterogeneous Integration Using Freestanding Gallium Nitride and Organic Thin Film Transistors

Yeongin Kim (Univ. of Cincinnati, USA), Zhenan Bao (Stanford Univ., USA), and Jeehwan Kim (MIT, USA)

[D04-4]

10:15-10:30

Flexible and Stable OLED Displays Enabled on Diverse Textiles through Parylene-C Planarization

Jingi An and Kyung Cheol Choi (KAIST, Korea)