

Joint International Conference on The 8th ICMAP & The 9th ISFM

January 17-20, 2021 | Online Conference

[SA1] Flexible and Stretchable Substrate and Display	
Date / Time	January 17 (Sun.), 2021 / 14:20-16:00
Place	Channel A
Session Chair(s)	Mun Pyo Hong (Korea Univ., Korea)

[SA1-1]

14:20-14:40

The Double Lamination of a Polyimide Film with Elastomeric Substrates for Stretchable Display

Ho Won Yoon, Seung Min Shin, Jiho Kim, Tae Sang Park, Falguni Ahmed, Min Jae Choi, Junho Song, Byoungcho Cheong, Kungwon Rhie, and Mun Pyo Hong

Korea Univ., Korea

[SA1-2]

14:40-15:00

Investigations of Hybrid Elastomer Substrates for Stretchable Devices

Gerhard Domann, Sabrina Beranek, Sigrid Arzuman, Sönke Steenhusen, Andreas Raeder, Johannes Ziegler, and Juergen Clade

Fraunhofer Inst. für Silicatforschung, Germany

[SA1-3]

15:00-15:20

Pixelized Encapsulation for Stretchable OLED via Neutral Beam Assisted Sputtering and Advanced Top Coating Material

Seungmin Shin, Ho Won Yoon, Seong Yong Kwon, and Mun Pyo Hong

Korea Univ., Korea

[SA1-4]

15:20-15:40

Thermoregulating Hairy Skin based on Micro/Nanoporous Shape Memory Polymer

Ayoung Choe, Jeonghee Yeom, Yeju Kwon, Youngoh Lee, Young-Eun Shin, Jinyoung Kim, and Hyunhyub Ko

UNIST, Korea

[SA1-5]

15:40-16:00

Flexible Image Sensor Array with Active Matrix Circuitry

Yan Xuan, Yuyao Lu, Takayuki Arie, Seiji Akita, and Kuniharu Takei

Osaka Prefecture Univ., Japan