

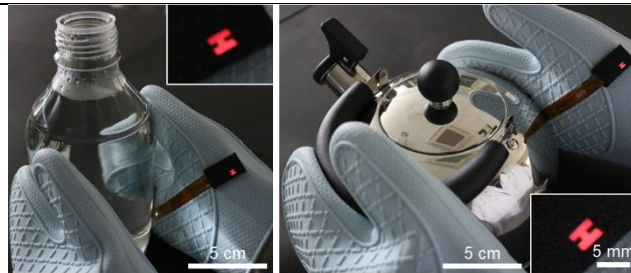
iMiD 2022

The 22nd International Meeting on Information Display
August 23-26, 2022 / BEXCO, BUSAN, KOREA

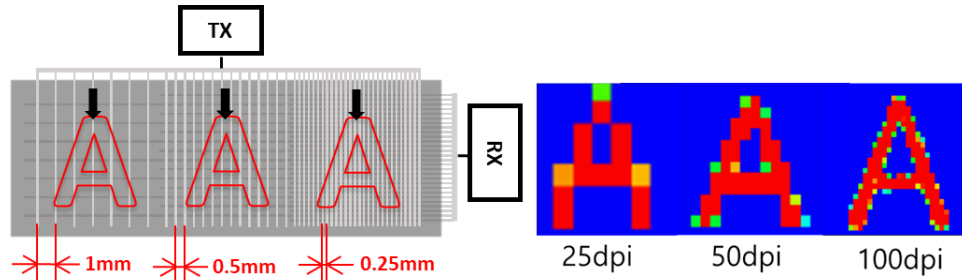


Company Name	Advanced fleXible Electronics Laboratory (AXEL) / Seoul National University	Company Logo
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Exhibitor Introduction	Advanced fleXible Electronics Laboratory (AXEL) in Seoul National University started in 2006, mainly focusing on three research areas, next-generation display, human-machine interface (HMI), and innovative circuitry. Next-generation display area includes flexible/stretchable light-emitting devices and their advanced manufacturing process. HMI area includes self-powered electronics, customizable wearables, and soft sensors. Innovative circuitry includes TFTs based on inkjet-printed nanomaterials. In this exhibition, we briefly introduce our research results and demonstrations of soft electronics systems.	
Exhibit Description	A compliant thermoelectric generator (TEG) that is attached to glove form conformable interfaces with hot objects, and the TEG turns on self-powered LED warning system. A non-patterned piezo-resistive film with filamentous conduction paths and its real-time pressure mapping system that has various sensing resolutions in a single platform	

Exhibit
Product



Hot surface warning gloves with self-powered thermoelectric system



Real-time pressure mapping of a piezo-resistive Film with various sensing resolutions