7th IEEE Electron Devices Technology and Manufacturing (EDTM) Conference 2023

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37C. IoT, Wearable & Flexible Devices	
Session Date:	March 9(Thu.), 2023
Session Time:	14:45-16:20
Session Room:	Room C (#307 a)
Session Chair:	Prof. Donghee Son (Sungkyunkwan University)

[37C-1] [Invited]	**14:45-15:10**

Soft and Highly Deformable Electronic Devices for Future Wearables

Naoji Matsuhisa

The University of Tokyo

[37C-2] [Invited]	**15:10-15:35**

All-Inkjet-Printed Organic Thin-Film Transistor and Amplifier for Low-Power High Gain Wearables

Chen Jiang

Tsinghua University

[37C-3]	**15:35-15:50**

Thermal Modeling of 2.5D Integrated Package of CMOS Image Sensor and FPGA for Autonomous Driving

Janak Sharda, Madison Manley, Ankit Kaul, Wantong Li, Muhannad Bakir and Shimeng Yu

Georgia Institute of Technology

[37C-4]	**15:50-16:05**

Optoelectronic Synapses Based on Inorganic-Organic Hybrid Phototransistors for Neuromorphic Vision System

Dingwei Li[1,2], Yitong Chen[1,2], Yingjie Tang[1,2], Kun Liang[1,2], Huihui Ren[1,2], Yan Wang[1,2], Fanfan Li[1,2], Guolei Liu[1,2], Chunyan Song[2] and Bowen Zhu[2]

[1]Zhejiang University, [2]Westlake University

[37C-5]	**16:05-16:20**

A Solid Electrolyte ZnO Thin Film Transistor for Classification of Spoken Digits Using Reservoir Computing

Ankit Gaurav[1], Xiaoyao Song[2], Sanjeev Kumar Manhas[1], Partha Pratim Roy[1] and Maria Merlyne De Souza[2]

[1]Indian Institute of Technology Roorkee, [2]University of Sheffield