



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

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51C. Nanoscale Devices	
Session Date:	March 10(Fri.), 2023
Session Time:	10:40-12:10
Session Room:	Room C (#307 a)
Session Chair:	Prof. Soo Young Kim (Korea University)
	Prof. Gwan-Hyoung Lee (Seoul National University)

[51C-1] [Keynote] 10:40-11:05

Distributed Polarization Doping (DPD) in DUV, Power, and RF III-Nitride Semiconductor Devices

Huili Grace Xing and Debdeep Jena
Cornell University

[51C-2] [Invited] 11:05-11:30

Atomically Engineered Thin Films and Devices

Saien Xie
Princeton University

[51C-3] [Invited] 11:30-11:55

Nanoscale Memory and Switching Devices with Atomically-Thin Body

Joonki Suh
Ulsan National Institute of Science and Technology

[51C-4] 11:55-12:10

20nm Symmetrical FinFET with Upward Gate, Grooved Gate, Double Gate: Comparison, Analysis, and Evaluation

Tejaswini Sahoo and Prasanna Kumar Sahu
National Institute of Technology Rourkela