

## Area 2 International Symposium on Nano material-based Electronics (CIRFE Symposium)

11/5	10:30	11:15	<b>Keynote</b>	<b>Kaustav Banerjee</b>	<b>Sustaining Moore's Law (and Beyond) with 2D Materials</b>
	11:15	11:45	Invited	Kosuke Nagashio	Two-Dimensional Tunnel FET
	11:45	12:15	Invited	Dong-ming Sun	MXene film for optoelectronic integration
	12:15	12:30	1105	Shiyu Zhang	Optoelectronic properties of pseudo-direct transition $\text{GeSn}$ and heterostructures composed of $\text{GeSn}$ and $\text{SiGe}$ thin layers
	13:30	14:30	Poster		
	14:30	15:15	<b>Keynote</b>	<b>Youfan Hu</b>	<b>Carbon Nanotube-Based Flexible Electronics</b>
	15:15	15:45	Invited	Jana Zaumzeil	Doping of Sorted Semiconducting Single-Walled Carbon Nanotubes for Low-Power Circuits
	16:00	16:30	Invited	Albert Nasiblin	Carbon Nanotubes: from Synthesis to Applications
			Invited	Yutaka Ohno	Design and fabrication of flexible analog/digital mixed-signal circuits based on carbon nanotube thin film transistors
	17:00	17:15	1092	Tetsuya Tohei	Crystalline microstructure and electric property of rutile $\text{TiO}_2$ single crystal memristor
	17:15	17:30	1165	Fugo Nanataki	First-principles studies on the effects of O atoms in the substrate on the oxidation of a vertical Si nanopillar
11/5	13:30	14:30	<b>Poster</b>		
			1036	Wangzhen Zhao	The Study of Interface Layer In Hybrid Memory Layer for Thermally Assisted STT-MRAM Cells
			1116	Masanori Endo	A correlation between crystallinity of single-walled carbon nanotubes and temperature coefficient of Raman shift frequency
			1139	Daiki Oshima	Fabrication of epitaxially grown $\text{CoZnMn}$ type $\text{CoZnMn}$ film
			1175	Adha Sukma Aji	$\text{CNT}/\text{HfO}_2/\text{CNT}$ Memristor for Neuromorphic Computing
			1179	Rikizo Yano	Magnetically Doped Topological Insulator and its Superconducting Proximity Effects
			1181	Tomoki Hori	Property Control of Carbon Nanotube Thin-Film Transistors Using Passivation Layer Deposited by Atomic Layer Deposition