

Tuesday, September 19												
<b>13:00-17:30</b> <b>Short Course A: Artificial Intelligence (AI) for the Application of Solid State Devices and Materials(TACHIBANA)</b> <b>Short Course B: Si-related Technology(HAGI)</b>												
Wednesday, September 20												
<b>9:00-11:40</b> <b>Opening Session/Plenary Session/Award Ceremony (Conference Building Main Hall)</b>												
Lunch												
<b>12:00-13:00</b> <b>Luncheon Seminars : ADVANTEST CORPORATION(HAGI) / KEYSIGHT TECHNOLOGIES(TACHIBANA)</b>												
Lunch												
Conference Building 1F Meeting Room 1	Conference Building 1F Meeting Room 2	Conference Building 1F Meeting Room 3	Conference Building 2F HAGI	Conference Building 2F TACHIBANA	Conference Building 2F Meeting Room 4	Conference Building 2F Meeting Room 5	Conference Building 3F Meeting Room 6	Conference Building 3F Meeting Room 7	Conference Building 3F Meeting Room 8	Exhibition Building Meeting Room 2	Exhibition Building Meeting Room 3	Exhibition Building Meeting Room 4
13:30-15:15 Area7&12	13:30-15:15	13:30-15:15	13:30-15:00	13:30-15:15	13:30-15:05 Area5&11		13:30-15:15 Area2&13	13:30-15:15	13:30-15:20	13:30-15:15 Area4&9	13:30-15:15	13:30-15:15
A-1:Magneto-Optical Devices	B-1:Organic Devices	C-1:Si-based Solar Cells and Modules	D-1:ReRAM Technology	E-1:Reliability	F-1:Advanced Materials & Measurement Circuits for Bio and Medical Applications		H-1:Nanocarbon Interconnects and Applications	J-1:Oxide based Materials	K-1:Interface Engineering	M-1:Quantum vs Classical	N-1:High-Speed and High-Frequency Devices	O-1:SiC Power Devices and Related Technologies
Coffee Break												
15:40-17:25	15:40-17:25	15:40-16:40	15:40-17:30	15:40-17:30 Area1&3	15:40-17:10	15:40-16:55	15:40-17:50	15:40-17:25	15:40-17:15	15:40-17:25 Area4&9	15:40-17:25 Area6&8&14	
A-2:Spinorbitronics	B-2:Organic Transistors	C-2:Compound Semiconductor Solar Cells	D-2:Flash Memory	E-2:Advanced Transistor Technology	F-2:Bio and Micro Systems	G-2:GaN Photonic Devices	H-2:MEMS & Sensors	J-2:2D Materials and Devices	K-2:Advanced Power Converters and Packaging Technologies	M-2:Non von Neumann Computing I	N-2:Advanced Growth of Widegap Semiconductors	
<b>19:00-21:00</b> <b>Banquet (The Westin Sendai)</b>												
Thursday, September 21												
Conference Building 1F Meeting Room 1	Conference Building 1F Meeting Room 2	Conference Building 1F Meeting Room 3	Conference Building 2F HAGI	Conference Building 2F TACHIBANA	Conference Building 2F Meeting Room 4	Conference Building 2F Meeting Room 5	Conference Building 3F Meeting Room 6	Conference Building 3F Meeting Room 7	Conference Building 3F Meeting Room 8	Exhibition Building Meeting Room 2	Exhibition Building Meeting Room 3	Exhibition Building Meeting Room 4
	9:30-11:15	9:30-10:30	9:30-11:10 Area4&5&9&12	9:30-11:00	9:30-11:00	9:30-11:15	9:30-11:20	9:30-11:15	9:30-11:25	9:30-11:00	9:30-11:00	9:30-11:00
	B-3:Fabrication and Characterization	C-3:III-V Photovoltaics	D-3:Non von Neumann Computing II	E-3:TFETs	F-3:Bio-sensors & Materials	G-3:Novel Photonic Devices	H-3:Bump Interconnect	J-3:2D Materials and Devices II	K-3:Ge MOS	M-3:Group IV Materials	N-3:GaN Device Technologies I	O-3:Ga <sub>2</sub> O <sub>3</sub> and Diamond Power Devices
Coffee Break												
11:35-12:30	11:35-12:30	11:35-12:30	11:35-12:30 Short Presentation Area4	11:35-12:30	11:35-12:30	11:35-12:30	11:35-12:30 Short Presentation Area2	11:35-12:30	11:35-12:30	11:35-12:30	11:35-12:30	11:35-12:30
Short Presentation Area12	Short Presentation Area10	Short Presentation Area15	Short Presentation Area5	Short Presentation Area3	Short Presentation Area11	Short Presentation Area7	Short Presentation Area9	Short Presentation Area13	Short Presentation Area1	Short Presentation Area8	Short Presentation Area6	Short Presentation Area14
Lunch												
<b>12:45-13:45</b> <b>Luncheon Seminars : EAG Nano Science Corporation(HAGI) / Springer Nature(TACHIBANA)</b>												
Lunch												
	14:00-15:00 Area7&10		14:00-15:15 Area4&5&9&12	14:00-15:00	14:00-15:15		14:00-15:35	14:00-15:15	14:00-15:30	14:00-15:15	14:00-15:15	14:00-15:00
	B-4:Nano and Molecular Photonics		D-4:Non von Neumann Computing III	E-4:Negative-Capacitance Transistors	F-4:Bio-MEMS		H-4:Bonding Technologies	J-4:Low-Dimensional Materials and Devices	K-4:Process Technology	M-4:Germanium based Semiconductors	N-4:GaN Device Technologies II	O-4:Silicon Power Devices and Related Technologies
Coffee Break												
<b>15:30-17:30</b> <b>Poster Session (Exhibition Building Exhibition Hall 1, 2)</b>												
<b>17:45-19:15</b> <b>Rump Sessions (Conference Building 2F HAGI, TACHIBANA)</b>												
Friday, September 22												
Conference Building 1F Meeting Room 1	Conference Building 1F Meeting Room 2	Conference Building 1F Meeting Room 3	Conference Building 2F HAGI	Conference Building 2F TACHIBANA	Conference Building 2F Meeting Room 4	Conference Building 2F Meeting Room 5	Conference Building 3F Meeting Room 6	Conference Building 3F Meeting Room 7	Conference Building 3F Meeting Room 8	Exhibition Building Meeting Room 2	Exhibition Building Meeting Room 3	Exhibition Building Meeting Room 4
9:30-11:10 Area4&12	9:30-10:45 Area10&15	9:30-10:45		9:30-10:50	9:30-10:30	9:30-10:40	9:30-11:00	9:30-10:45	9:30-10:55	9:30-10:45	9:30-10:45 Area6&14	
A-5:Nonvolatile Memory and Storage Devices	B-5:Quantum Dot/Organic Solar Cells	C-5:Silicon Photonics I		E-5:Steep Slope Transistor and Device Physics	F-5:Nano Devices for Chemical & Biosensing	G-5:Advanced Imager and Characterization	H-5:TSV & 3D Integration	J-5:Advanced Functional Nanowire Devices	K-5:Ferroelectric Material	M-5:Nanostructures: Synthesis and Properties	N-5:Advanced Power Device Technologies I	
Coffee Break												
11:15-12:15 Area4&12	11:15-12:30	11:15-12:30		11:15-12:25	11:15-12:30 Area10&11	11:15-12:25	11:15-12:30 Area2&7	11:15-12:30	11:15-12:15		11:15-12:30 Area6&14	
A-6:Novel Memory	B-6:Perovskite Solar Cells	C-6:Quantum Transport		E-6:3D Technology	F-6:Organic and Bio Devices	G-6:Advanced Computing and Memories for Smart Data Processing	H-6:Optical Interconnects and Sensors	J-6:Characterization & Properties of Nanowires	K-6:Theory and Modeling		N-6:Advanced Power Device Technologies II	
Lunch												
13:40-15:00		13:40-14:55				13:40-14:50	13:40-14:55	13:40-14:40	13:40-14:55		13:40-14:55	
A-7:ReRAM Applications		C-7:Quantum Optoelectronics				G-7:Advanced Sensing and Connectivity	H-7:Silicon Photonics II	J-7: Latest Research for Interconnect Technologies, MEMS, and Reliability	K-7:Magnetic Tunnel Junctions		N-7:Compound Semiconductor Device & Process	
Coffee Break												
15:10-16:55						15:10-16:20	15:10-16:25		15:10-16:25			
A-8:PCRAM						G-8:Advanced MEMS Sensors and Analog Front End	H-8:Silicon Photonics III		K-8:Spintronics Devices			

Area Scope	<ul style="list-style-type: none"> <li>Area 1: Advanced LSI Processing &amp; Materials Science</li> <li>Area 2: Interconnect Technologies and 3D Integration/ Sensor/ MEMS Integration/ Materials and Characterization</li> <li>Area 3: CMOS Devices / Device Physics</li> <li>Area 4: Advanced Memory Technology</li> <li>Area 5: Advanced Circuits and Systems</li> <li>Area 6: Compound Semiconductor Electron Devices &amp; Related Technologies</li> <li>Area 7: Photonic Devices and Related Technologies</li> <li>Area 8: Advanced Material Synthesis and Crystal Growth Technology</li> </ul>
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Area Scope	<ul style="list-style-type: none"> <li>Area 9: Physics and Applications of Novel Functional Devices and Materials</li> <li>Area 10: Organic Materials Science, Device Physics, Applications and Printed Technologies</li> <li>Area 11: Sensors and Materials for Biology, Chemistry and Medicine</li> <li>Area 12: Spintronics Materials and Devices</li> <li>Area 13: Applications of Nanotubes, Nanowires, and Graphene and related 2D materials</li> <li>Area 14: Power Devices and Materials</li> <li>Area 15: Photovoltaic Materials and Devices</li> </ul>
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