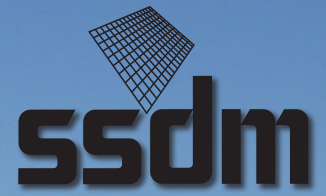


2021 INTERNATIONAL CONFERENCE ON

SOLID STATE DEVICES AND MATERIALS

Sep. 6-9, 2021
All Virtual Conference



Plenary Session



Masaki Momodomi
(KIOXIA Corp.)
History and Evolution of NAND
Flash Memory(tentative)



Chihaya Adachi
(Kyushu Univ.)
Organic Laser(tentative)



Maud Vinet
(CEA-Leti)
Quantum Computing using
Silicon Qubits(tentative)



Tomás Palacios
(MIT)
Electronics 5.0: New
Materials and Devices for
Edge Computing(tentative)

Scope of Conference

- 1 **Advanced CMOS: Material Science / Process Engineering / Device Technology** (Chair : M. Kobayashi, Univ. of Tokyo)
- 2 **Advanced and Emerging Memories / New Applications** (Chair : N. Takaura, Hitachi, Ltd.)
- 3 **Interconnect / 3D Integrations / MEMS** (Chair : K. Shiojima, Univ. of Fukui)
- 4 **Power / High-speed Devices and Materials** (Chair : K. Tsuda, Toshiba Infrastructure Systems & Solutions Corp.)
- 5 **Photonics: Devices / Integration / Related Technology** (Chair : F. Boeuf, STMicroelectronics)
- 6 **Photovoltaic / Energy Harvesting / Battery-related Technology** (Chair : Y. Kurokawa, Nagoya Univ.)
- 7 **Organic / Molecular / Bio-electronics** (Chair : H. Okada, Univ. of Toyama)
- 8 **Low Dimensional Devices and Materials** (Chair : S. Hara, Hokkaido Univ.)
- 9 **Novel Functional / Quantum / Spintronic Devices and Materials** (Chair : K. Terabe, NIMS)
- 10 **Thin Film Electronics: Oxide / Non-single Crystalline / Novel Process** (Chair : M. Furuta, Kochi Univ. of Tech.)
- 11 **Advanced Materials: Synthesis / Crystal Growth / Characterization** (Chair : H. Tatsuoka, Shizuoka Univ.)
- 12 **Advanced Circuits / Systems Interacting with Innovative Devices and Materials** (Chair : K. Johguchi, Shinshu Univ.)

Paper Deadlines

Regular **May 12, 2021**
Late News **July 14, 2021**

Organizing Committee

Chair : T. Hashizume (Hokkaido Univ.)
Vice-Chair : S. Takagi (Univ. of Tokyo)

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Chair : J. Motohisa (Hokkaido Univ.)
Vice-Chair : M. Sugiyama (Univ. of Tokyo)

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Chair : Y. Miyamoto (Tokyo Tech)
Vice-Chairs : H. Wakabayashi (Tokyo Tech)
: F. Boeuf (STMicroelectronics)

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