

2018 INTERNATIONAL CONFERENCE ON SOLID STATE DEVICES AND MATERIALS



Mon. September 10, 2018 13:25~
Yasuda Auditorium, The University of Tokyo



The 50th Special Symposium

Introduction

Yasuyuki Miyamoto (Tokyo Institute of Technology)



Takuo Sugano (Professor Emeritus, The University of Tokyo)
“The Birth and Growth of SSDM and Exploratory Field in Electron Devices Research on the Past and the Present”

Yasuharu Suematsu (Honorary Professor, Tokyo Institute of Technology)
“Progress of Photonic Devices as seen in SSDM Awards”



Video messages from Semiconductor Device Giants

Gordon E. Moore (ex-chairman of Intel)
predicted “*Moore's Law*”, and cofounded Intel.



Robert H. Dennard (IBM Fellow)
invented DRAM, and formulated “*Dennard Scaling*”.



Tsutomu Miyasaka (Toin University of Yokohama)
“Perovskite solar cell, its challenges and progresses”



Jochen Mannhart (Max-Planck-Institute)
“Quantum Devices 3.0 for the Electronics of the Future”



Akira Furusawa (The University of Tokyo)
“A time-domain multiplexed measurement-based large-scale optical quantum computer”



Sponsored by

THE JAPAN SOCIETY OF APPLIED PHYSICS



Secretariat-SSDM : secretariat@ssdm.jp

www.ssdm.jp