

International Symposium on Atomic Switch: Invention, Practical Use and Future Prospects
at Okura Frontier Hotel Tsukuba (Room “SUBARU”, Annex 1F)
March 28, 2017

2017/3/27 (Mon)	
18:00 (close 20:00)	Registration desk opens at 18:00 Okura Frontier Hotel Tsukuba 11F Reception at “Bar Continental” Okura Frontier Hotel Tsukuba 11F

2017/3/28 (Tue)	
9:00	Registration at Annex 1F
9:30	Masakazu Aono, Opening address
9:40	Kazuhiro Hashimoto, Greeting
9:50	Motoo Nishihara, Greeting
10:00	Jun'ichi Sone, Greeting
10:10	Kazuya Terabe, “Invention and Development of the Atomic Switch”
10:50	Toshitsugu Sakamoto, “Pathway to Atomic Switch Based Programmable Logic”
11:30	Hiroki Hihara, “Atom-Switch FPGA Application for IoT Sensing System in Space”
11:55	Group Photo & Lunch (1 h 25 min)
13:20	Poster Session with coffee (30 min)
13:50	【Special Lecture】 Iliia Valov, “Nanoscale Electrochemical Studies: How We can Use the Atomic Switch”
14:30	Tsuyoshi Hasegawa, “Development of Three-terminal Atomic Switch and Related Topics”
14:55	Tohru Tsuruoka, “Artificial Synapses Realized by Atomic Switch Technology”
15:20	Coffee Break (15 min)
15:35	James K. Gimzewski, “Atom Switches for Neuroarchitectonics”
16:00	Tomonobu Nakayama, “Emerging Functionality of Neuromorphically Networked Structures”
16:25	Satoshi Watanabe, “Atomistic Simulations for Understanding Microscopic Mechanism of Atomic Switches”
16:50	Song-Ju Kim, “Atomic Switch Based Decision Making”
17:15	Takashi Tsuchiya, “Nanoionic Devices for Physical Property Tuning and Enhancement”
17:40	Kazuya Terabe, Closing remarks
18:00 (close 20:00)	Banquet At Banquet Hall “SUBARU”, Annex 1F Okura Frontier Hotel Tsukuba

