JST (UTC+9)	March 18th (DAY1)
12:00	**Registration Open**
13:00-13:15	**Opening Remark** Hirofumi Tanaka (Kyushu Institute of Technology)
13:15-13:30	**Guest Speech** Chair: Hirofumi Tanaka (Kyushu Institute of Technology)
13:30-14:00	**Oral-1** Takuya Matsumoto (Osaka University) Chair: Yasuhiro Fukuma (Kyushu Institute of Technology)
14:00-14:30	**Oral-2** Megumi Akai-Kasaya et al. (Hokkaido University) Chair: Tsuyoshi Hasegawa (Waseda University)
14:30-14:50	**Oral-3** Daiki Tanaka et al. (Kyushu Institute of Technology) Chair: Yuichiro Tanaka (Kyushu Institute of Technology)
14:50-15:10	**Oral-4** Akinobu Mizutani et al. (Kyushu Institute of Technology) Chair: Yuichiro Tanaka (Kyushu Institute of Technology)
15:10-15:30	**Oral-5** Oradee Srikimkaew et al. (Kyushu Institute of Technology) Chair: Yuichiro Tanaka (Kyushu Institute of Technology)
15:30-15:45	Break
15:45-16:30	**Invited Talk-1** Jordi Madrenas (Universitat Politècnica de Catalunya) Chair: Hakaru Tamukoh (Kyushu Institute of Technology)
16:30-17:30	**Final Lecture by Prof. Morie** (in Japanese) Takashi Morie (Kyushu Institute of Technology) Chair: Kazuyuki Aihara (The University of Tokyo)
17:30-17:45	**Photo Session**
17:45-18:00	Break
18:00-20:00	**Information Exchange Meeting** (onsite only)
21:00-23:00	**Late Night Discussion** (onsite only)

JST (UTC+9)	March 19th (DAY2)
9:30-10:15	**Invited Talk-2** Hideaki Yamamoto (Tohoku University) Chair: Megumi Akai-Kasaya (Hokkaido University)
10:15-11:00	**Invited Talk-3** Tetsuya Asai (Hokkaido University) Chair: Osamu Nomura (Kyushu Institute of Technology)
	Break
11:15-12:00	**Poster Session AM** (onsite only) Chair: Hideaki Ishibashi (Kyushu Institute of Technology)
	Lunch
13:15-14:00	**Poster Session PM** (onsite only) Chair: Yuki Usami (Kyushu Institute of Technology)
14:00-14:45	**Lecture Talk by Prof. Sakaguchi** (in Japanese) Yutaka Sakaguchi (The University of Electro-Communications) Chair: Tetsuo Furukawa (Kyushu Institute of Technology)
	Break
15:00-15:45	**Invited Talk-4** Konrad Szaciłowski (AGH University) Chair: Takuya Matsumoto (Osaka University)
15:45-16:45	**Plenaly Talk** Daniele Ielmini (Politecnico di Milano) Chair: Hirofumi Tanaka (Kyushu Institute of Technology)
16:45-17:00	**Closing Remark** Hirofumi Tanaka (Kyushu Institute of Technology)

	Poster Session AM (11:15-12:00 JST/UTC+9)
P-AM1	Oradee Srikimkaew, Saman Azhari, Deep Banerjee, Yuki Usami, and Hirofumi Tanaka, "Shot-Term and Long-Term Plasticity of Pt/Ag-Ag2S Nanoparticles Network/Pt Artificial Synapses"
P-AM2	Deep Banerjee, Saman Azhari, Yuki Usami, Hakaru Tamukoh, and Hirofumi Tanaka, "Demonstration of in-materio reservoir computing with single-walled carbon nanotube/porphyrin-polyxoxmetalate random network"
P-AM3	Rikuto Oyabu, Yuki Usami, and Hirofumi Tanaka, "Comparison of amount and multi-functionalization of GNR by radical initiator using unzip method"
P-AM4	Takumi Kotooka, Yuki Usami, and Hirofumi Tanaka, "Performance comparison of Ag2S and Ag2Se nanowire random network devices as physical reservoirs"
P-AM5	Saman Azhari, Deep Banerjee, Yuki Usami, and Hirofumi Tanaka, "Impact of physical dimension on in-materio reservoir computing"
P-AM6	Ken Arita, Edmond Soji Otabe, Tenma Ueda, Yuki Usami, and Hirofumi Tanaka, "Research on reservoir computing using time-varying electric fields in superconductors"
P-AM7	Mau Tanoue and Katsumi Tateno, "Recurrent spiking neural network for self-localization inspired by medial entorhinal cortex"
P-AM8	Rio Tomioka and Masanori Takabayashi, "Self-referential holographic neural network with electronically implemented nonlinear layer"
P-AM9	Kazuki Miyazaki, Hideaki Ishibashi, and Tetsuo Furukawa, "Sparse approximation of unsupervised kernel regression for large scale relational data"
P-AM10	Keiichi Nakanishi and Terumasa Tokunaga, "A Class-prior probability regularization with an extended Focal loss for efficient semi-supervised classification"
P-AM11	Yuga Yano, Yukiya Fukuda, Noriaki Suetake, and Hakaru Tamukoh, "Image Enhancement for Improving the Accuracy of Visual SLAM in Backlit Scenes"

P-AM12	Arun Jacob Mathew, John Rex Mohan, Ruoyan Feng, Yoji Nakamura, Rohit Medwal, Surbhi Gupta, Rajdeep Singh Rawat, and Yasuhiro Fukuma, "Evaluation of memory capacity of spin Hall oscillator for physical reservoir computing"
P-AM13	John Rex Mohan, Arun Jacob Mathew, Kazuma Nishimura, Ryoyan Feng, Rohit Medwal, Surbhi Gupta, Rajdeep Singh Rawat, and Yasuhiro Fukuma, "Classification tasks using input driven nonlinear magnetization dynamics in spin Hall oscillator"

Poster Session PM (13:15-14:00 JST/UTC+9)	
P-PM1	Masaya Matsuo, Leo Sakamoto, Yuya Kawashima, Hiroshi Ohoyama, and Takuya Matsumoto, "Nonlinear electric property of Ru-complex embedded in gold nanoparticle array for reservoir computing"
P-PM2	Dang Thien Tan, Banerjee Deep, Yuki Usami, and Hirofumi Tanaka, "In-materio Reservoir Computing by Ag/Ag2S Nanoparticles for Spoken Digits Classification"
P-PM3	Masaya Hakoshima, Yuki Usami, Takumi Kotooka, and Hirofumi Tanaka, "Electrical Properties of Photoresponsive Materials for In-materio Reservoir Computing"
P-PM4	Kouki Kimizuka, Saman Azhari, Shuhei Ikemoto, Yuki Usami, and Hirofumi Tanaka, "In-situ pressure classification via reservoir computing in-sensor by CNT-PDMS nanocomposites"
P-PM5	Daiki Tanaka, Hideaki Ishibashi, Tetsuo Furukawa, "Simultaneous Meta-modeling of Dynamics and Kinematics based on the Hierarchical Manifold Modeling"
P-PM6	Seitaro Nakashima, Hideaki Ishibashi, and Tetsuo Furukawa, "Meta-modeling of manifold models for dynamical systems through biased optimal transport distance minimization"
P-PM7	Katsunori Tamai, Kohei Kawazoe, Yuka Shishido, Yuichi Katori, Hakaru Tamukoh, Osamu Nomura, and Takashi Morie, "Numerical Simulation for Analog VLSI Implementation of Reinforcement Learning Using Reservoir Computing"
P-PM8	Yuka Shishido, Kohei Kawazoe, Katsunori Tamai, Hakaru Tamukoh, Osamu Nomura, and Takashi Morie, "A Co-Design Environment for AI Hardware Simulation Using PyLTSpice"

P-PM9	Kazuo Nakahara, Yuichi Katori, Hakaru Tamukoh, Osamu Nomura, and Takashi Morie, "Memory Capacity of Reservoir Computing Using Chaotic Boltzmann Machines"
P-PM10	Kanta Yoshioka, Ichiro Kawashima, and Hakaru Tamukoh, "Implementation of ReLU Function based on Stochastic Computing"
P-PM11	Ikuya Matsumoto, Daiju Kanaoka, and Hakaru Tamukoh, "A Study on Multimodal Learning for Object Recognition in Robots with Gate Structures"
P-PM12	Osamu Nomura, Ichiro Kawashima, Seiji Uenohara, Yuichiro Tanaka, Akinobu Mizutani, Kensuke Takada, Katsumi Tateno, Hakaru Tamukoh, and Takashi Morie, "A Memory-based LSI Architecture for Entorhinal-hippocampal Model"
P-PM13	Yuma Yoshimoto and Hakaru Tamukoh, "Object Position Estimation by Primitive Fitting with Point Clouds for Bulk Picking"