

Time / Date	June 11 (Thu)			
17:00 – 19:00	Registration and Welcome Party		Room: IFS 1st Bldg. 2nd Floor, Multi-purpose room and Café room	
Time / Date	June 12 (Fri)		Room: IFS 1st Bldg. 2nd Floor, Meeting Room	
	Agenda	Speaker	Presentation Title	Session Chair
8:30 – 9:00	Registration			
9:00 – 9:10	Opening	Takehiko Sato Jong-Shinn Wu Shigeru Obayashi		
9:10 – 9:35	Invited	Jong-Shinn Wu	Development of a Portable Cold Plasma Jet Device for Biomedical Application	Yasushi Minamitani
9:35 – 10:00	Invited	Toshiro Kaneko	Synergy Effects of Physical and Chemical Stimulations on Cell Membrane	Yasushi Minamitani
10:00 – 10:25	Invited	Keh-Chyang Leou	Microwave Based Sensors for Process Monitoring and Feedback Control of Plasma Processing Tools	Yasushi Minamitani
10:25 – 10:45	Coffee Break			
10:45 – 11:25	Plenary	Cheng-Che Hsu	Recent Progress on Atmospheric Pressure Plasma Development: From Ultra-Rapid Processing to Portable and Disposable Plasma Generation Devices	Jong-Shinn Wu
11:25 – 11:50	Invited	Kohki Satoh	Examining and Estimating Collision Cross Section Set of H ₂ O Vapour for Reliable Plasma Simulation	Jong-Shinn Wu
11:50 – 12:50	Lunch			
12:50 – 13:15	Invited	Yasushi Minamitani	Investigation of Difference of Origin of ROS Generated in a Cell by Frequency Components of Pulsed Electric Field	Koichi Takaki
13:15 – 13:40	Invited	Yun-Chien Cheng	Effects of Cold Plasma on Human Dental Pulp Stem Cells	Koichi Takaki
13:40 – 14:05	Invited	Hiroyuki Yoshiki	Inner Surface Treatment of Sealed Microchannels by Cold Microplasmas	Koichi Takaki
14:05 – 14:25	Coffee Break			
14:25 – 16:10	Poster Session		(2.5 minutes short oral presentation per poster, Presentation are scored by core members to choose Best Poster Awards)	Ta-Chin Wei
16:30 – 18:30	Lab Tour		IFS (Sato Lab and Shockwave center) and Kaneko Lab	
19:00 – 21:30	Banquet		Restaurant: Biwane	
Time / Date	June 13 (Sat)		Room: IFS 1st Bldg. 2nd Floor, Meeting Room	
	Agenda	Speaker	Presentation Title	Session Chair
8:40 – 9:00	Registration			
9:00 – 9:25	Invited	Koichi Takaki	Conformational Change of Bovine Serum Albumin by AC Electric Field for Keeping Freshness of Marine Products	Keh-Chyang Leou
9:25 – 9:50	Invited	Jang-Hsing Hsieh	Mechanical properties, biocompatibility and antibacteria behaviors of TaO _{0.4} N _{0.8} and TaO _{0.4} N _{0.8} -Ag thin films	Keh-Chyang Leou
9:50 – 10:10	Coffee Break			

10:10 – 10:50	Plenary	Koichi Sasaki	Phenomena Observed Around the Interface Between DC Helium Glow Plasma and NaCl Solution	Toshiro Kaneko
10:50 – 11:15	Invited	Ta-Chin Wei	Modification of PVDF Membranes with Mixed-charge Copolymers by Atmospheric-Pressure Plasmas for Mitigation of Biofouling	Toshiro Kaneko
11:15 – 11:40	Invited	Takehiko Sato	Responses of HeLa Cells Exposed to a Medium Treated by a Plasma Flow at Atmospheric Pressure	Toshiro Kaneko
11:40 – 11:50	Award Ceremony			
11:50 – 12:00	Closing			
12:00 – 12:45	Lunch			
12:45 – 21:00	Excursion		Tour in Matsushima Bay and Sushi Restaurant	