

EAFTA2023 & 7th ISFPB Program and Schedule

		Thursday, 18th, May		Friday, 19th, May		Saturday 20th, May	
Wednesday 17th, May		A: Hokuto-Hall (Edu. campus)	B: Ginga-Hall (Eng. campus)	A: Hokuto-Hall (Edu. campus)	B: Ginga-Hall (Eng. campus)	Optional Tour	
08:30-08:45	ISFPB Program Committee Meeting EAFTA Program Committee Meeting (Changing the world from Rikuzentakata: Promoting fisheries through seafood education activities, Rikuzentakata Global Campus meeting room)	Registration at Hokuto Hall, 8:30-11:30		Registration at Ginga-Hall and Hokuto-Hall, 8:00-8:45			08:30-08:45
08:45-09:00		Opening address; Honorary chairs		EAFTA session 3 (I-6~9)		Plenary Lecture 4 Speaker: Pan LI (Tongji University, China), Chair: Y. UEDA	08:45-09:00
09:00-09:15		Plenary Lecture 1 Speaker: Masaharu SIRATANI (Center of Plasma Nano-Interface Engineering, Quantum and Photonics Technology Research Center, Kyushu University, Japan), Chair: K. TAKAKI		Coffee break			09:00-09:15
09:15-09:30		Coffee break		Coffee break		09:15-09:30	
09:30-09:45		Plenary Lecture 3 Speaker: Ying LIU Chair: C. YUAN		EAFTA session 4 (I-10~12)		09:30-09:45	
09:45-10:00		Plenary Lecture 3 Speaker: Hiroyuki SHIMONO (Agri-Innovation Center, Iwate University, Japan), Chair: Nishimukai		Coffee break		09:45-10:00	
10:00-10:15		EAFTA Lunch & Meeting (Restaurant; Seikyo, Faculty of Education)		EAFTA Lunch & Meeting (President meeting room for MOU ceremony, and Restaurant; Seikyo, Faculty of Education)		10:00-10:15	
10:15-10:30		ISFPB Lunch & Meeting (No.1&2 meeting room, Faculty of Sci. & Eng. and Restaurant Murahashi; tentative)		Coffee break		10:15-10:30	
10:30-10:45		EAFTA session 1 (PL-4, I-1~4, O-1)		EAFTA session 5 (I-13~16)		10:30-10:45	
10:45-11:00		Invited Lecture 1 Choncharoen SAWANGRAT (Chiang Mai University, Thailand)		Invited Lecture 6 Kazuyuki KUCHITSU		10:45-11:00	
11:00-11:15		Invited Lecture 2 Hiroyuki SHIMIZU (Nippon Institute of Technology, Japan)		Invited Lecture 7 Yanan LIU		11:00-11:15	
11:15-11:30		Oral 1: Siraporn CHUEA-UAN		Oral 14: Chotika SANGTHONG		11:15-11:30	
11:30-11:45		Oral 2: Hua Lin CHENG		Oral 15: Titsucha UTTAYANIL		11:30-11:45	
11:45-12:00		Oral 3: Yu Hsin YEN		Oral 16: Chatchai PONCHIO		11:45-12:00	
12:00-12:15		Coffee break		Coffee break		12:00-12:15	
12:15-12:30		Invited Lecture 3 Yasushi MINAMITANI (Yamagata University, Japan)		Oral 17: Tetsu SAKAKIBARA		12:15-12:30	
12:30-12:45		Invited Lecture 4 Nobuya HAYASHI (Kyushu University, Japan)		Oral 18: Chanchai DECHTHUMMARONG		12:30-12:45	
12:45-13:00		Oral 4 Wassanai WATTANUTCHARIYA		Oral 19: Siwei LIU		12:45-13:00	
13:00-13:15	Oral 5: Chung Wen HSU		Oral 20: Katsuyuki TAKAHASHI		13:00-13:15		
13:15-13:30	Oral 6: Pradoong SUANPOOT		General Discussion		13:15-13:30		
13:30-13:45	Oral 7: Akihiro SUGAWARA		Closing Ceremony		13:30-13:45		
13:30-13:45	Coffee break		Coffee break		13:30-13:45		
13:45-14:00	EAFTA session 2 (O-2~9)		Workshop : Toward international standardization of the K value (freshness index for fish) test method (I-17~18, O-17~22)		13:45-14:00		
14:00-14:15	Bus ; Heading for the banquet		General Discussion		14:00-14:15		
14:15-14:30	Banquet (Hotel Metropolitan Morioka) http://www.metro-morioka.co.jp/		Closing Ceremony		14:15-14:30		
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17:45-18:00					17:45-18:00		
18:00-18:30					18:00-18:30		
18:30~	The 10th FSMLE Annual meeting (Chinese restaurant, SAIKA)				18:30~		

Morioka
City
Tour

7th ISFPB Program Schedule

Time / Date	17th, May (Wed)				
13:00 - 17:00	Registration	Brd. 3 (Science and Engineering campus)			
13:00 - 17:00	Program committee meeting				
Time / Date	18th, May (Thurs)		Room: Hokuto Hall and Ginga Hall		
	Presentation No.	Speaker	Presentation Title	Session Chair	
8:30 - 9:00	Registration				
9:00 - 9:15	Opening	Prof. Satoshi OGAWA (President, Iwate University, Japan) Prof. Koichi TAKAKI (ISFPB; Iwate University, Japan) Prof. Tooru OOIZUMI (EAFTA) Prof. Noriyuki TANAKA (NPO FSMILE)			
9:15 - 10:00	Plenary (PL-1)	Masaharu SIRATANI	Prospective Plasma Contribution to Fourth Agricultural Revolution	Koichi TAKAKI (Iwate University, Japan)	
10:00 - 10:15	Coffee Break				
10:15 - 11:00	Plenary (PL-2)	Ying LIU	The Current State and Prospect of Recirculating Aquaculture Systems in China	Chunhong YUAN (Iwate University, Japan)	
11:00 - 11:45	Plenary (PL-3)	Hiroyuki SHIMONO	To Boost Rice Productivity under a Changing Climate	Megumi NISHIMUKAI (tentative) (Iwate University, Japan)	
11:45 - 13:30	Lunch (meeting)				
13:30 - 14:00	Invited (I-1)	Choncharoen SAWANGRAT	Plasma agriculture and Bio application in Thailand	Yanan LIU (Donghua University, China)	
14:00 - 14:30	Invited (I-2)	Hiroyuki SHIMIZU	Effect of lightning strike airborne sound on the promotion of shiitake mushroom growth		
14:30 - 14:45	Oral (O-1)	Siraporn CUEA-UAN	Plasma-Activated Water as Nitrogen Supply to Enhance Rice Seed Quality		
14:45 - 15:00	Oral (O-2)	Hua Lin CHENG	Feasibility of touching and non-touching mode of atmospheric-pressure plasma jet in onychomycosis treatment		
15:00 - 15:15	Oral (O-3)	Yu Hsin YEN	Investigation of underwater plasma jet on its electrical properties and microbubble interaction		
15:15 - 15:30	Coffee Break				
15:30 - 16:00	Invited (I-3)	Yasushi MINAMITANI	Non-Heating Sterilization Techniques Applying Pulsed Power for Packaged Fresh Foods	Sivei LIU (Tohoku University, Japan)	
16:00 - 16:30	Invited (I-4)	Nobuya HAYASHI	Growth enhancement of plants induced by oxygen plasma irradiation on seeds and its application		
16:30 - 16:45	Oral (O-4)	Wassanai WATTANUTCHARIYA	Enhanced Efficiency of Plasma-Activated Water Using Supplementary Techniques		
16:45 - 17:00	Oral (O-5)	Chung Wen HSU	Investigation of generation of plasma-activated microbubbles by a streamer discharge in venturi tube with the addition of a spiral mixer		
17:00 - 17:15	Oral (O-6)	Pradoong SUANPOOT	The Characteristics of Cold Plasma Activated Water (PAW) in Fertilizer Water: Chemistry, Physico-chemical Properties		
17:15 - 17:30	Oral (O-7)	Akihiro SUGAWARA	Disinfection effect of plasma treated water on cut cabbage		
17:45 - 18:30	Bus	Heading for the banquet			
18:30 - 20:30	Banquet	Hotel Metropolitan Morioka			
Time / Date	19th, May (Fri)		Room: Ginga Hall		
	Agenda	Speaker	Presentation Title	Session Chair	
8:30 - 9:00	Registration				
9:00 - 9:45	Plenary (PL-4)	Pan LI	Fine bubble generation by a venturi tube and its application for wastewater treatment	Yoshikatsu Ueda (Kyoto University, Japan)	
9:45 - 10:15	Invited (I-6)	Akiomi USHIDA	High stability of ultra-fine bubbles against temperature changes		
10:15 - 10:30	Coffee Break				
10:30 - 10:45	Oral (O-8)	Feng SHENG	Ozone Nanobubble Enhanced Surfactant Repair Diesel Contaminated Soil	TBA	
10:45 - 11:00	Oral (O-9)	Kurumi NAKAJIMA	Supply of ultrafine bubble water through long pipelines to vast agricultural areas		
11:00 - 11:15	Oral (O-10)	Rattanaporn NORARAT	A simple design of fine bubbles generator for Aquaculture Application in Thailand		
11:15 - 11:30	Oral (O-11)	Chiti SRITONTIP	Influence of Fine Bubbles Treatment on Leaf Photosynthesis, Yield and Phytochemical Compounds in Tomato		
11:30 - 11:45	Oral (O-12)	Yoshikatsu UEDA	Correlation between Oxygen and Nitrogen Ultra Fine Bubbles and Water Properties		
11:45 - 12:00	Oral (O-13)	Minoru TANIGAKI	Studies on ultrafine bubbles using radioactive nuclei as probe		
12:00 - 13:30	Lunch (meeting)				
13:30 - 14:00	Invited (I-7)	Kazuyuki KUCHITSU	Roles of reactive oxygen species in plant development: Growth control of a model liverwort Marchantia polymorpha by nonthermal plasma		Douyan WANG (Kumamoto University, Japan)
14:00 - 14:30	Invited (I-9)	Yanan LIU	Non-thermal Plasma and Microbubbles for Environmental and Agricultural Application		
14:30 - 14:45	Oral (O-14)	Chotika SANGTHONG	Photoelectrocatalytic cell improvement for air purification application		
14:45 - 15:00	Oral (O-15)	Titsucha UTTAYANIL	Photoelectrocatalytic cell prototype for insecticides and microbial contamination removal from fruit and vegetables		
15:00 - 15:15	Oral (O-16)	Chatchai PONCHIO	Fabricating FTO/WO ₃ Photoanodes using a Simple Automatic Dip-Coating Machine with Large-Scale Photoelectrochemical Cell Application		
15:15 - 15:30	Lunch (meeting)				
15:30 - 15:45	Oral (O-17)	Tetsu SAKAKIBARA	Decomposition of Dibutyl Phosphate by Discharge inside Bubble in Water	Yasushi MINAMITANI (Yamagata University, Japan)	
15:45 - 16:00	Oral (O-18)	Chanchai DECHTHUMMARONG	Investigation of diaphragm glow discharge plasma in nutrient solutions by DC half wave high voltage doubler		
16:00 - 16:15	Oral (O-19)	Sivei LIU	Generation of spark-induced bubble and its dependence on conductivity		
16:15 - 16:30	Oral (O-20)	Katsuyuki TAKAHASHI	Influence of fine bubbles on electrical breakdown under water		
16:30 - 16:45	General discussion				
16:45 - 17:00	Closing Ceremony				