



# INTERNATIONAL SYMPOSIUM ON APPLICATION OF ADVANCED TECHNOLOGIES IN AGRICULTURE

ONE-DAY PROGRAM: Friday, 02<sup>nd</sup> October 2020



Time	Activity/ Presentation <a href="https://conference.quickom.com/join/50371601363953259">https://conference.quickom.com/join/50371601363953259</a>	Speakers		
7:30 - 8:20	On-site Registration		Secretary: Dr. Tran Phuoc Nhat Uyen	
7:30 - 8:30	Show introduction video of VHU, CTU and Okayama University.			
8:30 - 8:40	Welcome Introduction and introduce the Symposium Presiding Board	Dr. Lai Tung Quan		
8:40 - 8:50	The Symposium Presiding Board	Dr. Tu Minh Thien, Assoc. Prof. Dr. Le Viet Dung Dr. Dinh Thi Thuy		
	VHU Opening speech	Dr. Tu Minh Thien, Chairman AATA2020, President of Van Hien University, Vietnam		
	Invite Dr. Le Viet Dung to the second opening speech	Dr. Lai Tung Quan		
8:50 - 9:00	CTU Opening speech	Assoc. Prof. Dr. Le Viet Dung, Vice - Chairman AATA2020, Former Vice - President of Can Tho University, Vietnam		
9:00 - 9:20	Keynote speaker introduction	Dr. Lai Tung Quan		
	Keynote Speaker 1	<b>Dr. Tu Minh Thien</b>		
9:20 - 9:50	Keynote speaker introduction	Dr. Lai Tung Quan		
	Keynote Speaker 2 (introduce about Okayama University + Keynote Speaker's speech)	<b>Prof. Dr. Hiroaki Funahashi</b> , Dean and Professor of the Graduate School of Environmental and Life Science, Okayama University, Japan		
9:50 - 10:10	Keynote speaker introduction	Dr. Lai Tung Quan		
	Keynote Speaker 3	<b>Prof. Dr. Bui Chi Buu</b> , Chairman of the Council for Professor Promotion in Agriculture and Forestry, Viet Nam		
10:10 - 10:30	Keynote speaker introduction	Dr. Lai Tung Quan		
	Keynote Speaker 4	<b>Prof. Dr. Ir. Katleen Raes</b> , Dean of Research Unit VEG-i-TEC of the Department of Food Technology, Safety and Health, Ghent University, Belgium		
10:30 - 10:50	Opening for discussion	Dr. Lai Tung Quan		
	Coffee & Tea break			
10:50 - 11:35	Discussion	Dr. Tu Minh Thien		
11:35 - 11:45	Information for break, lunch and time to come back	Dr. Lai Tung Quan		
	Group photo			
11:45 - 12:45	<b>LUNCH</b>			
12:45 - 13:00	Coffee & Tea break			



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PARALLEL SESSIONS				
Time	ROOM 1		ROOM 2	
	<a href="https://conference.quickom.com/join/50371601363953259">https://conference.quickom.com/join/50371601363953259</a>		<a href="https://conference.quickom.com/join/75121601364375356">https://conference.quickom.com/join/75121601364375356</a>	
	Title: Crop & Animal Science	Presenter	Title: Food Science and other relative objects	Presenter
	Chairman: Assoc. Prof. Dr. Le Viet Dung, Assistant: Dr. Dinh Thi Thuy		Chairman: Assoc. Prof. Dr. Ly Nguyen Binh; Assistant: Dr. Tran Phuoc Nhat Uyen	
13:00 - 13:15	(1A) Effect of Intermittent Low-Temperature Storage on the Growth and Flowering of Several <i>Eustoma grandiflorum</i> Cultivars (36)	Phan Thu Thao Okayama University	(1B) Progress of Modern Technologies in Vietnamese Agriculture at 21st Century (23)	Ho Cao Viet Van Hien University
13:15 - 13:20	Discussion		Discussion	
13:20 - 13:35	(2A) Preliminary identification of the sex pheromone of the citrus fruit borer ( <i>Citripestis sagittiferella</i> Moore) inhabiting the Mekong Delta of Vietnam (47)	Tran Trong Dung Can Tho University	(2B) Assessment of nutritional properties of Sacha inchi oil using mice (43)	Souliphone Sivixay Okayama University
13:35 - 13:40	Discussion		Discussion	
13:40 - 13:55	(3A) NGS-based genetic and transcriptome analyses for sweet potato breeding programs (39)	Yuki Monden Okayama University	(3B) Modulatory effects of dietary protein on the composition and fermentation of gut microbiota in rats fed cellulose and raffinose (42)	Peter Kiiru Okayama University
13:55 - 14:00	Discussion		Discussion	
14:00 - 14:15	(4A) Genome-Wide Association Study for Glutinous and Improved Rice Varieties from the Vietnamese Mekong Delta (21)	Nguyen Thanh Tam Can Tho University	(4B) Water quality assessment using benthic macroinvertebrates in agriculture polluted water body - A case study at Vinh Thanh district, Can Tho city (50)	Tran My Linh Can Tho University
14:15 - 14:20	Discussion		Discussion	
14:20 - 14:35	(5A) An investigation of gut microbiota of Holstein heifers before and after weaning (41)	Nuo Min Okayama University	(5B) Acceptable storability and aerobic stability of by-products ensiled as a total mixed ration (44)	Ajmal Wali Okayama University
14:35 - 14:40	Discussion		Discussion	
14:40 - 14:55	(6A) Isolation and Screening of $\alpha$ -Amylase, $\alpha$ -Glucosidase Inhibitory Potential of <i>Streptomyces</i> sp. from Soil Samples Collected in Duyen Hai District, Tra Vinh Province (17)	Luong Anh Hue Can Tho University	(6B) Transformation of Agricultural Residues-derived Lignin via Organocatalysis (15)	Tran Phuoc Nhat Uyen Van Hien University
14:55 - 15:00	Discussion		Discussion	
15:00 - 15:15	(7A) A pilot study of the microbiota of milk, udder, and feces of dairy cows (34)	Karin Akada Okayama University	(7B) Fermentation and microbiota of guinea grass silage stored at two different temperatures (37)	JianJian Hou Okayama University
15:15 - 15:20	Discussion		Discussion	

15:20 - 15:35	<b>Poster 1:</b> Evaluation of the Workability of the Smart Agricultural Machine in the Mountain Area - A case study of Community farming in Maniwa City, Okayama Prefecture, Japan (32)	Show video introduction of three posters 1, 2, 3 for each room. Teabreak & Poster Presentation	DATAI HisashiOkayama University
	<b>Poster 2:</b> Measurement for Averaging Rice Field Irregularity using Unmanned Aerial Vehicle (UAV)-based Laser Scanning (33)		Koki Sakita Okayama University
	<b>Poster 3:</b> Combined Treatment of 8-Hydroxy-quinoline and Glucose on Cut Hydrangea Flowers (38)		Niramon Suntipabvivattana Okayama University
15:35 - 15:50	(8A) Isolation and Application of Bacteriophages against <i>Escherichia coli</i> O157:H7 and <i>Salmonella enterica</i> (26)	Pham Khanh Nguyen Huan Can Tho University	(8B) Improvement of Slaughterhouse Wastewater Treatment by Coagulation-Flocculation Process Using 5% Polyaluminium Chloride (PAC) (25) Tran Quoc Thao The University of Tokyo
15:50 - 15:55	Discussion		Discussion
15:55 - 16:10	(9A) Gut microbiota differences between Siberian Husky, German Shepherd, Shih Tzu, and Toy Poodle (40)	Naoki Nishino Okayama University	(9B) Mangiferin Deglycosylation Ability of Human Intestinal Bacteria and Isolation of a Mangiferin-deglycosylating Mouse Intestinal Bacterium (29) Uswatun Hasanah Okayama University
16:10 - 16:15	Discussion		Discussion
16:15 - 16:30	(10A) Control of bacterial grain rot caused by <i>Burkholderia glumae</i> of rice by using bacteriophages (24)	Doan Thi Kieu Tien Can Tho University	(10B) Evaluation of Drainage Process in Vineyard to obtain Better Quality of Wine Grape (35) Yasushi Mori Okayama University
16:30 - 16:35	Discussion		Discussion
16:35 - 16:50	(11A) Determination of anti-tyrosinase, total phenolic, total flavonoid content and antioxidant activity of <i>Portulaca oleracea</i> L. Extract (19)	Phan Lam Diem Nghi Can tho University	(11B) Preparation of benzyl isothiocyanate-rich aqueous solution from mashed green papaya by distillation (45) Yoshimasa Nakamura Okayama University
16:50 - 16:55	Discussion		Discussion
16:55 - 17:10	(12A) Antimicrobial potential of natural $\alpha$ -mangostin and citric acid on <i>Candida albicans</i> and <i>Propionibacterium acnes</i> (22)	Phan Thi Bich Duyen Can Tho University	(12B) Microbial bioconversion to create bioactive 'unnatural' natural products (30) Hiroshi Kanzaki Okayama University
17:10 - 17:15	Discussion		Discussion
<b>PANEL DISCUSSION</b>			
17:15 - 17:30	Chairman		Chairman
17:30 - 18:00	Introduction to closing ceremony		Dr. Lai Tung Quan
	Closing remarks and Certification		Dr. Tu Minh Thien