



**The 13th International Conference on Integration of Science and Technology for
Sustainable Development 2025 (13th ICIST 2025)
30 October to 1 November 2025
Zhejiang Academy of Agricultural Sciences (ZAAS), Hangzhou, P.R. China**

PROGRAM AGENDA

Thursday 30 October 2025

13:00-16:00 Registrations

Friday 31 October 2025, Conference Day

Venue: Zhejiang Academy of Agricultural Sciences (ZAAS), Hangzhou, P.R. China,

Master of Ceremony (MC): ZAAS: Ms. Xiaowen Chen (China)

AATSEA – Dr. James Kennard S. Jacob (Philippines)

08:00 a.m. - 08:30 a.m. Guests Registration

08:30 a.m. - 09:00 a.m.

Welcoming Address: Ms. Lao, Hong-Wu (General Secretary of ZAAS, China)

Opening Remarks: Prof. Dr. Hiroyuki Konuma (President of GIAPSA)

Presentation of AATSEA Outstanding Awards by Prof. Dr. Kasem Soyong

1	Prof. Fu-Cheng Lin (China)	Lifetime achievement award
2	Prof. Dr John Moreki (Boswana)	Lifetime achievement award
3	Mr. Ji-Guo Xing (China)	Policy Making and Governance
4	Ms. Bei Zhang (China)	Business and Entrepreneurship
5	Prof. Dr. Rui-Lin Zhao (China)	Education and Research
6	Prof. Dr. Nanik Setyowati (Indonesia)	Education and Research
7	Prof. Dr. Renato G. Reyes (Philippines)	Education and Research
8	Mr. Souliya Souvandouane (Lao PDR)	Special Community Service

Presentation of AATSEA Best Recognition Awards

1	Prof. Dr. Juokslahti Tapio	Finland
2	Dr. Shaikh Tanveer Hossain	Bangladesh
3	Assoc. Prof. Dr. Kampon Sriwatanakul	Thailand
4	Prof. Dr. Younes Rezaee Danesh	Turkey
5	Prof Dr. Md. Asaduzzaman Sarker	Bangladesh
6	Dr. Samantha Chadranath karunarathna	Sri Lanka
7	Dr. Hoang Pham	Vietnam
8	Dr. James Kennard S. Jacob	Philippines
9	Prof. Dr. Jin-Cheol Kim	South Korea

10	Prof. Valeria Bianciotto	Italy
11	Prof. Dr. Sigit Sudjatmiko	Indonesia
12	Asst. Prof. Dr. Gopikrishnan Venugopal	India
13	Prof. Dr. Lalitha Sundaram	India
14	Dr. Govindaraj Dev Kumar	USA

Awarding the plaque to the co-organizers

	Representative	Organization
1	Assoc. Prof. Dr. Indra Cahyadinata	University of Bengkulu, Indonesia
2	Prof. Dr. Hiroyuki Konuma	General Incorporated Association for the Promotion of Self-reliance in Asia (GIAPSA), Japan
3	Asst. Prof. Dr. Terdsak Puramongkon	Rajamangala University of Technology Tawan-ok (RMUTTO), Thailand
4	Prof. Dr. Lalitha, Sundaram	Periyar University, Salem, India
5	Prof. Zainal Muktamar	Circular Agricultural Production System (CAPS), Indonesia
6	Asst. Prof. Dr. Gopikrishnan, Venugopal	Sathyabama Institute of Science and Technology, Chennai, India
7	Prof. Dr. Pakkapong Pounsuk	King Mongkut's Institute of Technology Ladkrabang (KMUTL, Thailand)
8	Prof. Dr. Nagia Farag Ali	National Research Center, Cairo (Egypt)
9	Prof. Dr. Yuan, Yu-Wei	Zhejiang Academy of Agricultural Sciences (ZAAS), Hangzhou, P.R. China

Felicitations: Prof. Dr. Kasem Soyong (President of AATSEA, Thailand)

Motivational Song: Prof. Kasem Soyong and Team

09:00 a.m. – 09:15 a.m. Photo session

09:15 a.m. – 12:30 p.m. Keynote Lectures

SCIENTIFIC SESSIONS
KEYNOTE LECTURES

Chairpersons

Prof. Dr. Yuan, Yu-Wei (China), Asst. Prof. Dr. Venugopal Gopikrishnan (India)

List of Keynote Lectures

Time	Name	Titles
9:15-9:35	Prof. Dr. Sheng-Yang He Duke University, Durham, USA	Climate impact on plant-pathogen interactions
9:35-9:55	Prof. Dr. Naweel Isaak Naqvi Temasek Life Sciences Laboratory, Singapore	Harnessing microbiomes for sustainable crop improvement and climate mitigation
9:55-10:15	Prof. Dr. Tapio Juokselahti	Industrial production of <i>Trichoderma reesei</i> enzymes by liquid state

	Adjunct Professor in Helsinki University, Finland	Fermentation and their early application in animal feeds in P.R. China
10:15-10:30	COFFEE BREAK	
10:30-10:50	Prof. Dr. Kampon Sriwatanakul Chairman of Thailand National Charter of Health. Former Vice President for Research and Foreign Relations, Mahidol University, Thailand	Innovative organic products for health and wellness
10:50-11:10	Prof. Dr. Ruilin Zhao State Key Laboratory of Microbial Diversity and Innovative Utilization, Institute of Microbiology, Chinese Academy of Sciences, Beijing, China	Genetic improvement of high protein content strain of <i>Agaricus bisporus</i> driven by agricultural waste recycling
11:10-11:30	Prof. Dr. Hiroyuki Konuma President of GIAPSA, Japan	Towards sustainable rural community: lessons learned from a pilot intervention at an Akha tribal community (Mae Chan Tai Village) in Northern Thailand
11:30-11:50	Prof. Dr. Mohammad Chozin Department of Crop Production, University of Bengkulu, Bengkulu - 38121, Indonesia	Crop breeding for organic production
11:50-12:10	Dr. Shaikh Tanveer Hossain Director, IFOAM-ASIA, Bangladesh	Green agricultural policies and strategies in Asia
12:10-12:30	Prof. Dr. Fu-Cheng Lin Zhejiang Academy of Agricultural Science (ZAAS), Hangzhou, P.R. China	Biocontrol rice blast disease
12:30-13:30	LUNCH	

13th International Conference on Integration of Science and Technology for Sustainable Development 2025 (13th ICIST 2025)

Session 1: Modern Organic Agriculture

Session 2 : Plant Biotechnology

Session 3: Plant Protection

Session 4: Microbial Biotechnology

Session 5: Soil, Water and Environment

Session 6: Animal Biotechnology, Fisheries Sciences

Session 7: Food Security, Food Safety

Session 8: Food Science and Postharvest Technology

Session 9: Agricultural Development

Session 10: Advanced Agricultural Technology, Smart Farms and AI

ORAL PRESENTATIONS – SESSION DETAILS

Session 1 (Building 3 Lecture Hall 1, First Floor): Modern Organic Agriculture

S. No	Time	Chairpersons : Chair : Asst. Prof. Dr. Lalitha S.(India) Co-chairs : Prof. Dr. Jin-Cheol Kim (South Korea), Prof. Sigit Sudjarmiko (Indonesia)
1	13:30-13:45	Prof. Dr. Jin-Cheol Kim (IS): Identification of the antifungal metabolites, eurocidins, isolated from <i>Streptomyces</i> sp. JCK-8368 and optimization of their production
2	13:45-14:00	Prof. Sigit Sudjarmiko (IS): Synergistic effects of <i>Chaetomium globosum</i> and <i>Trichoderma viridae</i> against chili anthracnose
3	14:00-14:15	Prof. Fahrurrozi (IS): Organic biostimulant from <i>Sargassum polycystum</i> promotes vegetative growth and yield in sweet corn (<i>Zea mays</i> L.)
4	14:15-14:30	Lalitha S. (IS): Amphiphilic Glycolipids from <i>Pseudomonas aeruginosa</i> PAS2: Dual Role in Plant Growth Promotion and Heavy Metal Detoxification
5	14:30-14:45	Bancha Wiangsamut: Efficiency of a solar-powered automated drip irrigation system in enhancing yield and quality of durian and mangosteen in Eastern Thailand
6	14:45-15:00	Kartika Utami: The molecular and chemical profiling of ageratum conyzoides as organic fertilizer: A comprehensive nuclear study
7	15:00 -15:15	Sridhar Dharman: Harnessing halotolerant rhizobacteria to improve oil quality and mineral nutrition in sesame under saline condition
8	15:15-15:30	Bancha Wiangsamut: Economic viability and water footprint analysis of a solar-powered automated drip irrigation system in durian and mangosteen cultivation
	15:30-15:45	COFFEE BREAK
9	15:45-16:00	Prof. Dr. Kasem Soyong (IS): Modern organic agriculture and organic certification from farm to table for sustainable agriculture
10	16:00-16:15	Mr. Souliya Souvandouane (IS): Organic agriculture in Lao PDR
11	16:15-16:30	Prof. Dr. Pakkapon Pongsuk (IS): Promoting the production and utilization of rice straw pellet organic fertilizer among rice farmers in Nong Phak Nak Subdistrict, Sam Chuk District, Suphan Buri Province
12	16:30-16:45	Marlin Marlin: The effect of liquid organic fertilizer on the growth of <i>Dendrobium</i> sp. in acclimatization period
13	16:45-17:00	Krishnan Raman: Driving organic farm success in India: The interplay of agripreneurial orientation and training
14	17:00-17:15	Sathya C.: Synergistic effect of arsenic tolerant rhizobacteria on legume growth and biochemical defense under toxic conditions
15	17:15-17:30	Yudhi Harini Bertham: Enhancing macronutrient uptake and growth of soybean in coastal areas through integrated biofertilizer applications
16	17:30-17:45	Md. Ruhul Momin: Effectiveness of climate-resilient and organic farming adaptation strategies in saline-prone areas of Bangladesh
	17:45	Closing Ceremony

Session 2 (Building 3 Lecture Hall 2, First Floor) : Plant Biotechnology

S. No	Time	Chairpersons : Chair : Prof. Dr. Tapio Juokslahti (Finland) Co-chairs : Prof. Nanik Setyowati (Indonesia), Putri Mian Hairani (Indonesia)
1	13:30-13:45	Prof. Nanik Setyowati (IS): Increasing phosphorus uptake and sweet corn yield through <i>Azolla pinnata</i> compost and lime application in Ultisols
2	13:45-14:00	Chachpon Tebdoie: Calcium phosphate enhances biomass, pigment and some secondary compounds accumulation in <i>Cannabis sativa</i> L. callus cultures
3	14:00-14:15	Atra Romeida: Characterization of morphological variation in wild Orchids of Kepahiang Regency, Bengkulu Province
4	14:15-14:30	Pornjarus Singhavorachai: Optimization of protoplast isolation from <i>Cannabis sativa</i> L. 'Hang Kra Rog'
5	14:30-14:45	Yuli Widiyastuti: Wilting and drying technique effect the antimalarial chemical content of <i>Artemisia annua</i>
6	14:45-15:00	Supattra Poeaim: Influence of leaf type, genotype, and location on bioactivities and assessment of genetic diversity in teak (<i>Tectona grandis</i> L. f.)
7	15:00 -15:15	Thararat Pongcha-Umdee: Effects of harvesting intervals on the growth, yield, and crude protein of <i>Morus alba</i> cv. 'Buriram 60'
8	15:15-15:30	Tonrak Touyjaroon: Evaluation of combination fertilizer application on growth, yield, and crude protein of <i>Morus alba</i> cv. Sakhon Nakhon in Thailand
	15:30-15:45	COFFEE BREAK
9	15:45-16:00	Anurug Poeaim: Study on the regeneration of sausage tree (<i>Kigelia africana</i>) by tissue culture
10	16:00-16:15	Putri Mian Hairani: Enhancing ground nut (<i>Arachis hypogaea</i> L.) growth and yield using oil palm bunch ash and urea fertilizer in ultisols
11	16:15-16:30	Phatchayamon Bhuriphatyothin: Effect of paclobutrazol application on growth, flowering, and vegetative leaf anatomy of potted Chrysanthemum (<i>Dendranthema grandiflora</i>)
12	16:30-16:45	Usman Siswanto: Characterization of morphology, physicochemical, and antioxidant activity of edible portion of Jackfruit (<i>Artocarpus heterophyllus</i> Lam.)
13	16:45-17:00	Sutinee Supreeworakij: Effect of ethyl methanesulfonate on growth and morphology of <i>Doritis pulcherrima</i> Lindl.
14	17:00-17:15	Hesti Pujiwati: Comparative study of different cultivation systems of black soybean on Ultisol land
15	17:15-17:30	Patcharapan Saengarun: Effects of cultivar, culture medium, and plasma treatment on callus induction in <i>Capsicum</i> spp. through <i>In vitro</i>
16	17:30-17:45	Catur Herison: Aluminum tolerance screening of cayenne pepper (<i>Capsicum annuum</i> L.) genotypes at the seedling stage under nutrient solution stress
	17:45	Closing Ceremony

Session 3 (Building 1 Room1047, First Floor) : Plant Protection

S. No	Time	Chairpersons : Chair : Prof. Mohammad Chozin (Indonesia) Co-chairs : Assoc. Prof. Dr. Anurug Poeaim (Thailand), Sempurna Ginting (Indonesia)
1	13:30-13:45	Prof. Mohammad Chozin (IS): Potential use of plant extracts as fungicides for controlling blast disease in rice
2	13:45-14:00	Anurug Poeaim: Drought tolerance of <i>Stylosanthes guianensis</i> CIAT 184 by tissue culture
3	14:00-14:15	Sempurna Ginting: Infestation pest on organic sweet corn hybrids in the lowland
4	14:15-14:30	Porntinun Pitisom: Efficacy of mangosteen peel extract combined with phosphonic acid for the <i>In Vivo</i> control of <i>Phytophthora palmivora</i> in durian
5	14:30-14:45	Kanyarat Lueangprasert: Predictive model for optimal ozone condition to control <i>Collectotrichum</i> sp. and maintain quality of Kaew Kamin mango
6	14:45-15:00	Thanaset Thongsaiklaing: Antifungal efficacy of stingless bee honey extracts against a black mould causing pathogen <i>Lasiodiplodia</i> spp.
7	15:00 -15:15	Li-Hui Xu: Biocontrol potential of rhizospheric <i>Bacillus</i> strains against <i>Sclerotinia minor</i> Jagger causing lettuce drop
8	15:15-15:30	Hataichanok Passara: Larvicidal efficacy and morphological abnormalities induced by plant essential oils against housefly (<i>Musca domestica</i> L.)
	15:30-15:45	COFFEE BREAK
9	15:45-16:00	Hataichanok Passara: Impact of botanical essential oils on pupation and survival of <i>Musca domestica</i> L.
10	16:00-16:15	Thanaset Thongsaiklaing: Intraspecific variation in the chemical composition of propolis from three stingless bee species
11	16:15-16:30	Rustikawati: Performance and screening of bird pepper genotypes for drought tolerance using PEG
12	16:30-16:45	Siripat Baikaden: The effectiveness of seed coating with microbial bio-fungicide on controlling seed quality and damping-off disease of tomato
13	16:45-17:00	Watcharawit Rassami: Effect of amino acid on growth of durian seedling cv. Monthong under drought condition
14	17:00-17:15	Mohammad Shafiqul Islam: Carrier-free RNA nanostructure for spray-induced gene silencing against <i>Botrytis cinerea</i>
15	17:15-17:30	Bancha Wiangsamut: Effectiveness of <i>Trichoderma asperellum</i> (THR 3) in controlling <i>Sclerotium rolfsii</i> (SC01) causing damping-off disease in durian seedlings
16	17:30-17:45	Angkhana Chuajedton: Investigating antioxidant and antibacterial activity of Thai herbal extracts for development of herbal product
	17:45	Closing Ceremony

Session 4 (Building 1 Room 1049, First Floor): Microbial Biotechnology

S. No	Time	Chairpersons : Chair: Prof. Younes Rezaee Danesh (Turkey) Co-chair: Prof. Valeria Bianciotto (Italy), Dr. Hoang Pham (Vietnam)
1	13:30-13:45	Prof. Valeria Bianciotto (IS): The application of beneficial microorganisms as biofertilizers in soil
2	13:45-14:00	Dr. Hoang Pham (IS): Mushroom spawn production in southern Viet Nam
3	14:00-14:15	Prof. Dr. Murat Tunçtürk (IS): Effects of different forms and doses of bat guano on growth and dual parameters of soybean (<i>Glycine max</i> L.)
4	14:15-14:30	Prof. Younes Rezaee Danesh (IS): Tomato– <i>Rhizoctonia solani</i> Interactions and <i>In Vitro</i> Suppression by <i>Trichoderma</i> Species
5	14:30-14:45	Somphit Sornyotha: Biotechnological production of calcium malate from sugarcane molasses using <i>Acetobacter persici</i> BX1
6	14:45-15:00	Perfecto S. Ramos, Jr.: Bacteria that can tolerate and decontaminate cadmium and lead contaminated rice paddy soil
7	15:00 -15:15	Benyapha Thongsri: Isolation of <i>Pusillimonas caeni</i> and screening for enzymatic production
8	15:15-15:30	Prof. Younes Rezaee Danesh: Tritipyrum: From chromosome engineering to field adaptation in Türkiye
	15:30-15:45	COFFEE BREAK
9	15:45-16:00	Dr. Gopi Krishnam (IS): Bioprospecting of fish gut-associated microbes as sustainable probiotic candidates for aquaculture
10	16:00-16:15	Dr. Hongkai Wang (IS): Roles of CcDFR and CcOMT9 in the cyanidin biosynthesis and development of <i>Cordyceps cicadae</i>
11	16:15-16:30	Dr. James Kennard S. Jacob (IS): Sustainable agriculture through marine-derived <i>Penicillium parvum</i> : Antagonism, nutrient solubilization and seed vigor enhancement
12	16:30-16:45	Prof. Younes Rezaee Danesh: Isolation and Identification of Fungi Associated with Walnut Anthracnose Symptoms in Turkey
13	16:45-17:00	Suphochai Khruethuen: A study on the anti- <i>Helicobacter pylori</i> activity of three medicinal plant crude extracts from <i>Cannabis sativa</i> , <i>Mitragyna speciosa</i> and <i>Phyllanthus emblica</i>
14	17:00-17:15	Endang Sulistyowati: <i>In vitro</i> profiles of a diet containing concentrate with rice bran and <i>Arenga pinnata</i> by-product fermented with <i>Pleurotus ostreatus</i>
15	17:15-17:30	Supot Matnork: Analysis of phenolic compounds and antifungal potential of arabica coffee pulp extract using acidified ethanol extraction
	17:45	Closing Ceremony

Session 5 (Building 3 Lecture Hall 3, Second Floor) : Soil, water and Environment

S. No	Time	Chairpersons : Chair : Prof. Zainal Muktamar (Indonesia) Co-chairs: Dr. Marufa Sultana (Bangladesh)
1	13:30-13:45	Prof. Zainal Muktamar (IS): A comparative analysis of carbon dioxide emissions across land uses in Bengkulu City, Indonesia
2	13:45-14:00	Dr. Marufa Sultana (IS): Effect of potassium on the yield of gladiolus in grey terrace soil of gazipur (AEZ 28)
3	14:00-14:15	Siriporn Pradit: A hidden blue carbon sink in Nipa Palm sediment: A pioneer study of the Nipa Plam ecosystem in Trang Province, southern Thailand
4	14:15-14:30	Jor. Pongsapatchanok Chanok: Heavy metal distribution in water, sediments, and aquatic plants from the Middle Songkhla Lagoon: environmental risk and phytoremediation assessment
5	14:30-14:45	Bandi Hermawan: Analysis of peat soil physical properties under different land uses in seluma regency, south sumareta
6	14:45-15:00	Korawitch Keereerak: Depth profiles of microplastic in sediment cores in seagrass and adjacent areas
7	15:00 -15:15	Areena Lantam: Assessment of available phosphorus in planted mangrove sediments in Thailand using the Olsen extraction method
8	15:15-15:30	Ranti Ucreza: Structural analysis of social, ecological, and governance risks in the management of Kerinci Seblat National Park: a case study of Pal VII Village, Rejang Lebong
	15:30-15:45	COFFEE BREAK
9	15:45-16:00	Dr. Govindaraj Dev Kumar (IS): Optimizing solar disinfection of contaminated water using Artificial Neural Network
10	16:00-16:15	Phatcharapha Phromnak: Sorption and desorption of potassium in salt-affected soils
11	16:15-16:30	Aulia Rahmawati: RAPD-based genetic diversity analysis for the exploration of <i>Kaempferia parviflora</i> from various accessions
12	16:30-16:45	Wanninee Chankaew: Effects of nitrogen fertilizer on the growth, chemical composition and antioxidant activity of <i>Chara corallina</i>
13	16:45-17:00	Kartika Utami: Humic acid from <i>Melastoma affine</i> D. Don compost enhances key chemical properties of tropical coastal entisols and inceptisols
14	17:00-17:15	Elsa Lolita Putri: The impact of land slope on the soil physical of smallholder coffee plantations in Kayu Manis village, Indonesia
	17:45	Closing Ceremony

Session 6 (Building 3 Room 308,Third Floor): Animal Biotechnology, Fisheries Sciences

S. No	Time	Chairpersons : Chair : Prof. Dr. John Moreki (Boswana) Co-chairs : Prof. Dr. Tatik Suteky (Indonesia)
1	13:30-13:45	Prof. Dr. John Moreki (IS): Malted red sorghum: A promising alternative to maize in poultry feed formulations
2	13:45-14:00	Kanokrat Srikijsasemwat: Oregano (<i>Origanum vulgare</i> L.) essential oil as a natural growth promoter in broiler chickens
3	14:00-14:15	Pasin Busayakanit: Effects of thymol–carvacrol combined with organic acids on carcass traits, meat quality, and stress indicators in broilers under enteric disease challenge
4	14:15-14:30	Wanlada Klangnurak: Comparative analysis of freshness between pelagic and demersal marine fish
5	14:30-14:45	Jino Bryle Barangan: In silico structural analysis, classification, and functional annotation of uncharacterized protein from <i>Corbicula fluminea</i>
6	14:45-15:00	Pimpakarn Laongdee: Dorsal fin morphology and phylogenetic insights in bamboo sharks (<i>Chiloscyllium</i> spp.)
7	15:00 -15:15	Krairot Saelim: Modelling ozone-based processes for decontamination of <i>Opisthorchis viverrine</i> in cyprinid fish
8	15:15-15:30	Tatik Suteky: The effect of <i>Curcuma</i> sp. supplementation on blood profile alteration in crossbreed sheep and their relationship with their adaptability
	15:30-15:45	COFFEE BREAK
9	15:45-16:00	Dwatmadji: Phytogetic feed additives for improving feed efficiency and lowering ruminants’ enteric methane emission on palm oil sludge feed: in vitro study
10	16:00-16:15	Chirasak Phoemachalard: The relationships among slaughter age, final body weight, carcass weight, dressing percent, marbling, and income of crossbred Angus beef
11	16:15-16:30	Parichat Puramongkon: Effect of dietary <i>Moringa oleifera</i> leaf powder on performance and carcass quality in broilers
12	16:30-16:45	Chanpen Uesakulrungrueng: Influence of pretreatment and acid concentration on yield and quality of ossein extracted from chicken femur
	17:45	Closing Ceremony

Session 7 (Building 3 Room 410, Fourth Floor) : Food Security, Food Safety

S. No	Time	Chairpersons : Chair : Prof. Dr. Renato G. Reyes (Philippines) Co-chairs : Dr. Chau-Huynh Pham (Vietnam)
1	13:30-13:45	Dr. Chau-Huynh Pham (IS): Heavy metal bioaccumulation in edible mushrooms: Food safety challenges and mitigation strategies for sustainable production
2	13:45-14:00	Prof. Dr. Renato G. Reyes (IS): Conservation of Philippine mushrooms as a strategy to attain food security and environmental sustainability
3	14:00-14:15	Md Kafil Uddin (IS): Invasive pests and approach for green control management & food security in Bangladesh
4	14:15-14:30	Krerkkiat Rothomphiwat: Determinants of food security among employees of Micro, Small, and Medium Enterprises (MSMEs) in Thailand
5	14:30-14:45	Suteera Vatthanakul: Storage quality of Retort-Pouched foods for patients with kidney disease
6	14:45-15:00	Hariz Eko Wibowo: Comparative analysis of FSVA and FSQ methods in measuring food security in Indonesia
7	15:00 -15:15	Ongkarn Vanijajiva: Potential of Kimju guava (<i>Psidium guajava</i> L. cv. Kimju) in bakery products for enhancing food security in Nonthaburi Province, Thailand
8	15:15-15:30	Komkhae Pilasombut: Enhancing health-oriented Chashu pork: effects of transglutaminase and omega-3 enriched pork belly with improved sliceability and fatty acid profile
	15:30-15:45	COFFEE BREAK
9	15:45-16:00	Bootsrapa Leelawat: Development of pudding products from young rice milk supplemented with whey protein and inulin
10	16:00-16:15	Komkhae Pilasombut: Effect of different aging methods and periods on physical and chemical beef qualities from <i>Longissimus thoracis</i>
11	16:15-16:30	Paramee Noonim: Characterization of functional beverage milk kefir and water kefir supplemented with gac fruit (<i>Momordica cochinchinensi</i> Spreng.)
12	16:30-16:45	Wannika Jinakarn: Influencing factors on consumer repurchase decisions for crispy jackfruit of community enterprise, Chonburi province Thailand
	17:45	Closing Ceremony

Session 8 (Building 3 Room 510, Fifth Floor): Food Science and Postharvest Technology

S. No	Time	Chairpersons : Chair : Dr. Samantha Chadranath karunaratna (Sri Lanka) Co-chairs : Dr. Govindaraj Dev Kumar (USA)
1	13:30-13:45	Dr. Samantha Chadranath karunaratna (IS): Deadly mushrooms: no more Mr. Funguy
2	13:45-14:00	Hesti Nur'Aini: Relationship between fruit morphological characteristics and banana flour phytochemistry
3	14:00-14:15	Naruemon Mongkontanawat: Development of low-alcohol durian wine
4	14:15-14:30	Veerasak Uengtrakool: Evaluation of postharvest treatments of chemical agents to control <i>Lasioidiplodia theobromae</i> on Durian (<i>Durio zibethinus</i>) Fruit
5	14:30-14:45	Kannikar Charoensuk: Effect of cryogenic freezing techniques on freezing rate, drip loss and physiochemical quality of frozen durian (<i>Durio zibethinus</i>) meat
6	14:45-15:00	Sureeporn Boonna: Impact of harvesting stages on physicochemical properties, antioxidant activity and enzymatic digestibility of durian flour
7	15:00 -15:15	Atiya Rattanapittayaporn: Assessment of antioxidant capacity, total phenolic and flavonoid contents in the agricultural fruit Matad (<i>Dillenia indica</i> L.) for hair care applications
8	15:15-15:30	Boondarika Sumana: Effect of different levels of <i>Chara corallina</i> on the quality of rice seasoning (Furikake)
	15:30-15:45	COFFEE BREAK
9	15:45-16:00	Naruemon Mongkontanawat: Development of low-energy snack bars made from native Thai black rice mixed with durian sauce
10	16:00-16:15	Racha Tepsorn: Development and characterization of Gluten-Free bread from optimized Cassava, Chickpea, and Corn composite flours
11	16:15-16:30	Pattama Nitthaisong: Influence of egg size, storage temperature, and storage time on commercial layer egg quality
12	16:30-16:45	Naruemon Mongkontanawat: Development of instant cream soup from durian waste industry
13	16:45-17:00	Suteera Vatthanakul: Development of sour soup with mixed vegetables and egg tofu in retort pouch for patients with kidney disease
14	17:00-17:15	Khanitta Ratprakhon: Rapid determination of dry matter content in Durian cv. Monthong using FT-NIR spectroscopy as an alternative to the AOAC method
15	17:15-17:30	Peamsuk Suvarnakuta: Inactivation kinetics of <i>Heyndrickxia coagulans</i> spores under High-Pressure processing in acidic fruit juice models
16	17:30-17:45	Waritchon Ninlanon: Development of a freeze-dried durian sticky rice product with optimized coconut milk content
	17:45	Closing Ceremony

Session 9 (Building 3 Room 608, Sixth Floor): Agricultural Development

S. No	Time	Chairpersons : Chair: Prof Dr. Md. Asaduzzaman Sarker (Bangladesh) Co-chairs: Prof. Dr. Pakkapong Pounsuk (Thailand), Wuri Prameswari (Indonesia)
1	13:30-13:45	Prof Dr. Md. Asaduzzaman Sarker (IS): Extension strategies for promoting organic and natural farming systems in Bangladesh: A path toward sustainable agricultural transformation
2	13:45-14:00	Prof. Dr. Nazim Sekeroglu (IS): Circular economy and environment with zero waste strategies: Sustainable raw material production from crop By-products for cosmetics and pharmaceutical industry
3	14:00-14:15	Lathifah Khairani: Socioeconomic determinants of multidimensional poverty before and during COVID-19 in Bengkulu Province
4	14:15-14:30	Edi Susilo: Impact of water stress and sorghum varieties on flavonoid content and the bioherbicidal potential of water extracts for weed control
5	14:30-14:45	Kanokpatch Kopraser: Knowledge management for the development of digital marketing for safe shrimp entrepreneurs in Nakhon Pathom Province Thailand
6	14:45-15:00	Eakawut Danaroon: Knowledge, attitudes, and practices regarding alternate wetting and drying (AWD) rice cultivation among farmers in community enterprise groups for large-scale agriculture in Suphan Buri province
7	15:00 -15:15	Jeeranun Khermkhan: Supply chain management for Talung Sweet Santol in Lopburi Province, Thailand
8	15:15-15:30	Neli Definiati: Evaluation of rumen bacteria bioactivator consortium from Bali cattle for enhancing agricultural waste composting
	15:30-15:45	COFFEE BREAK
9	15:45-16:00	Prof. Dr. Nazim Sekeroglu(IS): Collection and extraction efficiency of <i>Hypericum perforatum</i> and <i>Capsicum annuum</i> from earthquake affected regions in Turkiye
10	16:00-16:15	Wuri Prameswari: Responses of drought-stressed hot pepper to seaweed extract application: Agronomic and physiological perspectives
11	16:15-16:30	Muhammad Faiz Barchia: Sustainability index on rainfed paddy cultivation in Bengkulu, Indonesia
12	16:30-16:45	Dodi Hardiansyah: Suitability evaluation at lands of converted oil palm plantation for paddy fields in Bengkulu, Indonesia
13	16:45-17:00	Alnopri Alnopri: Performance of agronomic-morphological characters in 19 liberica coffee accessions from Bengkulu Province
14	17:00-17:15	Irma Lisa Sridanti: Exploration and morphological characteristics of Bengkulu Robusta Coffee
15	17:15-17:30	Rojanakorn Jaikham: Determinants of KUML Mung Bean technology adoption among farmers in Post-Rice areas of Suphan Buri Province, Thailand
16	17:30-17:45	Worayut Pucharapun: Supply chain management of Santol: A case study of Santol farmers in Huai Sak subdistrict, Mueang district, Chiang Rai province
	17:45	Closing Ceremony

Session 10 (Building 3 Room 708, Seventh Floor): Advanced Agricultural Technology, Smart Farms and AI

S. No	Time	Chairpersons : Chair : Dr. Gopi Krishnam (India) Co-chairs : Prof. Dr. Nagia Farag Ali (Egypt), Assoc. Prof. Dr. Suneeporn Suwanmaneepong (Thailand)
1	13:30-13:45	Maxim Mitrokhin (IS): AI driven technologies for smart agriculture: perspectives for cooperation
2	13:45-14:00	Nagia Farag Ali (IS): Development of extraction and application of alizarin from <i>Rubia tinctorum</i> roots under supercritical carbon dioxide and its sustainable application to wool dyeing
3	14:00-14:15	Suneeporn Suwanmaneepong: Consumer-driven online marketing strategy development for quality durian: A Rayong Province case study
4	14:15-14:30	Abimanyu Dipo Nusantara: Integrating soybean variety and biofertilizer management to improve nutrient uptake and yield in coastal regions facing climate change
5	14:30-14:45	Akaniyut Thanoi: Determinants influencing the adoption of the Windy.com application among large-scale durian farmers' groups in Rayong province, Thailand
6	14:45-15:00	Sorrapong Charoenkittayawut: The role of collective efficacy in the diffusion of Alternate Wetting and Drying (AWD): Insights from low-carbon rice farming in Suphanburi Province, Thailand
7	15:00 -15:15	Anandyawati: Assessing the dynamics of land cover changes in Rejang Lebong and their implications on the sustainability of horticultural land use
8	15:15-15:30	Piyapol Samnaksakul: Acceptance of good agricultural practices (GAP) by guava farmers in Nong Khang Khok subdistrict, Mueang district, Chonburi, Thailand
	15:30-15:45	COFFEE BREAK
9	15:45-16:00	Pushpalatha Ganesh: Genome-wide identification and expression analysis of <i>MeFAR1/FHY3</i> gene family under salt stress in cassava plants (<i>Manihot esculenta</i>)
10	16:00-16:15	Ridha Rizki Novanda: A socio-entrepreneurship empowerment model for coffee farmers to sustain soil fertility practices
11	16:15-16:30	Wanarsan Pitak: Designing creative tourism destinations through community needs: A five-zone development model in Saraburi province, Thailand
12	16:30-16:45	Reny Herawati: Exploration of Bengkulu local rice varieties as new germplasm for breeding: insights from agro-morphological traits to blast resistance genes
13	16:45-17:00	Jawanchanok Preesong: Comparative study of nitrogen release from compound fertilizers in silty loam and sandy loam soils
14	17:00-17:15	Muhammad Farid: Application of geoelectrical resistivity method for mapping the soil petrophysical characteristics of agricultural land
15	17:15-17:30	Ongkarn Vanijajiva: Micropropagation and genetic fidelity analysis using SCoT marker in <i>Syzygium cumini</i> (L.) Skeels
16	17:30-17:45	Tipaporn Temprom: Cost structure and profitability analysis of integrated rice-aquaculture farming: A comparative study of landowners and tenants in Chachoengsao province, Thailand
	17:45	Closing Ceremony

Closing Ceremony

17:45-17:55 Best Research Paper Awards given by Prof. Kasem Soyong, President (AATSEA)

17:55-18:05 Certificate to all the Chairpersons by Prof. Kasem Soyong, President (AATSEA)

18:05- 18:25 Closing Remarks

Conclusion remarks for the conference: Prof. Dr. Hiroyuki Konuma, President (GIAPSA)

Closing and thanks for arranging the conference: Prof. Dr. Guo-Jing Li, Vice president (ZAAS)

Welcome to the 14thICIST2026 in Vietnam by Dr. Chau-Huynh Pham, Director (Danang Biotechnology Center)

Felicitation and motivational song: Prof. Kasem Soyong, President (AATSEA)

18:40 Farewell dinner at Vanwarm International Hotel

Saturday 1 November 2025, Study Tour

8:30: Start from Hotel

9:30-11:00: Visit Yang-Du Research Station of ZAAS

11:00: Go to Western Lake

16:00 Back to Hotel

End of program

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