

AATSEA Awards for Co-organizers

	Representative	Institutions
1	Asst. Prof. Waigoon Tongaram	Rambhai Barni Rajabhat University (Thailand),
2	Prof. Dr. Pakkapong Pongsuk	King Mongkut's Institute of Technology Ladkrabang (KMITL)
3	Assoc. Prof. Dr. Indra Cahyadinata	Bengkulu University (Indonesia)
4	Asst. Prof. Dr. V. Gopikrishnan (India)	Sathyabama Institute of Science and Technology (India)
5	Prof. Hiroyuki Konuma	General Incorporated Association for the Promotion of Self-reliance in Asia (GIAPSA)
6	Prof. Dr. Nagia Ali	National Research Center, Cairo, Egypt
7	Asst. Prof. Dr. Terdsak Puramongkon	Rajamangala University of Technology Tawan-ok, Chantaburi Campus (Thailand)
8	Dr. Lalitha, S.	Periyar University, Salem (India)
9	Dr. Lalitha, S.	Padmavani Arts and science college for women India
10	Mr. Thet Lwin Htay	Shwe Kant Kaw, KKS (Myanmar)
11	Prof. Devarajan Thagadurai	Society for Applied Biotechnology (India)
12	Mr. Souvandouane, Souliya	CGC organic coffee (Lao PDR)
13	Prof. Dr. Zainal Mukhtar	Center for Closed Agriculture Production System (c-CAPS, Indonesia)

OVERALL PROGRAM

Venue: Siri Rambhai Bhan Auditorium, Rambhai Barni Rajabhat University (RBRU)

Friday 29 November 2024: Arrival and Registration Day

Saturday 30 November 2024: 8:00-18:00 Conference Day

Session 1: Agricultural Extension, Education and Development

Session 2: Animal, Fisheries Sciences and Entomology, Marine biotechnology

Session 3: Biological Diversity and Microbiology

Session 4: Food Security, Food Safety, Science and Postharvest Technology

Session 5: Plant Science and Pest Management

Session 6: Soil and Environment, Water conservation

Session 7: Biotechnology and Innovation

Session 8: Organic Agriculture and Smart Farms

Session 9: Plant Biotechnology

Session 10: Animal Biotechnology

Sunday 1 December 2024: Back to Bangkok

DAY 1: Friday 29 November 2024: 3:00 pm. Travelling from Bangkok to Chanthaburi province and check in KP Grand hotel

DAY 2: Saturday 30 November 2024: Conference Day (Conference Hall: Siri Rambhai Bhan Auditorium, 2nd Floor)

Time	
8:00	MC staff
8:00-8:30	Registration
8:30-9:15	<p>Welcoming performance</p> <p>Welcome Address: Mr. Monsit Paisarntanawat, Governor of Chanthaburi Province, Thailand</p> <p>Inaugural address: Asst. Prof. Waigoon Tongaram, President, RBRU, Thailand</p>
	<p>Message for Opening Ceremony: Prof. Dr. Hiroyuki Konuma, President of GIAPSA (Japan)</p>
	<p>Felicitation: Prof. Dr. Kasem Soyong, President, AATSEA, Thailand</p>
	<p>Motivational Song: “Imagine”, Prof. Dr. Kasem Soyong</p>
	<p>AATSEA Awarding Ceremonies</p> <p>Presentation of AATSEA Awards: 8 Awards</p> <p>“Lifetime Achievement Award in Scientific Development”</p> <ul style="list-style-type: none"> - Prof. Dr. Hiroyuki Kunoma (Japan) - Prof. Dr. Peter Phongphaew (Germany) - Prof. Dr. Teodoro C. Mendoza (Philippines) <p>“Education and Research Award”</p> <ul style="list-style-type: none"> - Prof. Dr. Dwi Wahyuni Ganefianti (Indonesia) - Prof. Dr. M. Radhakrishnan (India) - Prof. Dr. Yuli Widiyastuti (Indonesia) <p>“Community Development Award”</p> <ul style="list-style-type: none"> - Shaikh Tanveer Hossain (Bangladesh) <p>“Business and Entrepreneurship Award”</p> <ul style="list-style-type: none"> - Associate Professor Dr. Boonyen Chinachin (Thailand) <p>Awarding the plaque to the co-organizer: 13 Awards</p> <ul style="list-style-type: none"> - Rambhai Barni Rajabhat University (Thailand) - King Mongkut’s Institute of Technology Ladkrabang (KMITL) - Bengkulu University (Indonesia) - Sathyabama Institute of Science and Technology (India) - General Incorporated Association for the Promotion of Self-reliance in Asia (GIAPSA) (Japan) - National Research Center, Cairo (Egypt)

	<ul style="list-style-type: none"> - Rajamangala University of Technology Tawan-ok, Chanthaburi Campus (Thailand) - Periyar University, Salem (India) - Padmavani Arts and science college for women (India) - Shwe Kant Kaw, KKS (Myanmar) - Society for Applied Biotechnology (India) - CGC organic coffee (Lao PDR) - Center for Closed Agriculture Production System (c-CAPS, Indonesia) <p>Offering by Prof. Dr. Kasem Soyong, President of AATSEA</p>
	Group photo
9:15-9:30	COFFEE BREAK
9:30-9:50	<p>Commemorative Speech on “Her Late Majesty Queen Rambhai Barni of the Seventh Reign and her orchard and farm in Chanthaburi” by Assoc. Prof. Prudhisana Jumbala, Committee Member and Secretary - General of the Prajadhipok - Rambhai Barni Foundation</p>

9:50-12:30 Plenary Session— Keynote speakers

Chair: Asst. Prof. Dr. Gopikrishnan, V.

Time	
9:50-10:10	Dr. Shaikh Tanveer Hossain (Bangladesh) (Director, Policy & Strategy, IFOAM – Organics Asia) Smart, innovative organic agriculture for agrifood transformation in Asia
10:10-10:30	Prof. Dr. Tapio Juokslahti (Finland) Food safety in Finland, regulation and some practical implementations
10:30-10:50	Prof. Dr. Yu-Wei Yuan (China) Authenticity discrimination of rice with stable isotope and multielement profiles
10:50-11:10	Prof. Dr. Peter Phongphaew (Germany) Future organic farming
11:10-11:30	Prof. Dr. Jin-Cheol Kim (Republic of Korea) Biological control of pine wilt disease and other plant diseases by <i>Bacillus subtilis</i> JCK-1398
11:30-11:50	Prof. Dr. Teodoro Mendoza (Philippines) Fruit trees in agroecosystems: The way to address food insecurity and climate crisis
11:50-12:10	Prof. Dr. Radhakrishnan Manikkam (India) Harnessing actinobacteria from rare habitats for sustainable agriculture
12:10-12:30	Prof. Dr. Zainal Mukhtar (Indonesia) Enhancing soil quality through long-term organic farming practice in tropical highland of Bengkulu, Indonesia
12:30-13:30	LUNCH BREAK

RESEARCH FORUM

13:30-17:30 ORAL PRESENTATION - Parallel Sessions

Session 1 (Room 36301): Agricultural Extension, Education and Development

Time	Chair: Prof. Dr. MA Sarker (Bangladesh) Co-chairs: Prof. Dr. Pakkapong Pongsuk (Thailand)
13:30-13:45	IS: Prof. Dr. MA Sarker Rohingya refugee influx and socio-environmental consequences among host communities in the Teknaf Peninsula of Bangladesh
13:45-14:00	IS: Prof. Dr. Pakkapong Pongsuk Development of a commercial meat poultry production subject learning activity module together with the Blended Learning (BL) for knowledge and skill development of agricultural teacher training students
14:00-14:15	IS: Assoc. Prof. Indra Cahyadinata Socio-economic study of mud crab (<i>Scylla serrata</i>) households in Bengkulu Province, Indonesia
14:15-14:30	Patticha Kulsuwan Environmentally friendly consumer training manual and factors influencing buying decisions among undergraduate students at Mahidol University Amnatcharoen Campus, Thailand
14:30-14:45	Elsa Lolita Putri Sustainability issues of social forestry management based on coffee farming intensification in Indonesia
14:45-15:00	Ekkaphon Thongkaew The transmission of local wisdom in herbal processing of Pa Wa agroforestry network members, Kaeng Hang Maeo district, Chanthaburi province
15:00-15:15	Ridha Rizki Novanda Intention of reducing food waste among Indonesian gen Z: The role of religious beliefs, financial attitudes, and consumption cultures
15:15-15:30	Vibol Peuo Assessing the economic impact of livestock disease outbreaks at Battambang Province, Cambodia
15:30-15:45	COFFEE BREAK
15:45-16:00	Kantinan Thongtem Comparison of cost and return for durian farmers on magik growth innovation to increase the quality of durian production in Rayong Province, Thailand
16:00-16:15	Phanu Aeimtom Assessment of landscape quality for agricultural tourism development in Southern Si Chang Island, Chonburi Province
16:15-16:30	Di Chen Guidelines for developing agricultural vocational competencies in the twenty-first century at the Northeastern Institute of Agriculture, Thailand
16:30-16:45	Piyada Sangdang Factors affecting consumer purchasing decision for quality durian in Rayong Province, Thailand
16:45-17:00	Edi Susilo Effect of water stress and varieties on the bioherbicidal effectivity of sorghum aqueous extracts
17:00-17:15	Nuttareena Meehat Factors affecting the sharing of information on quality durian production by farmers in Rayong Province, Thailand
17:15-17:30	Natticha Naknat Opinions on factors affecting the use of Web-based Learning by quality durian farmers in Rayong Province, Thailand
17:30-18:30	Closing Ceremony

Session 2 (Room 36302): Animal, Fisheries Sciences and Entomology, Marine biotechnology

Time	Chair: Assoc. Prof. Tatik Suteky (Indonesia) Co-chairs: Prof. Dwatmadji Dwatmadji (Indonesia), Assoc. Prof. Dr. Rungtawan Yomla (Thailand)
13:30-13:45	IS: Assoc. Prof. Tatik Suteky Digestible nutrient intake in naturally infected goats with gastrointestinal strongyles in response to mixed-herb pellet supplementation
13:45-14:00	IS: Prof. Dwatmadji Dwatmadji Feed digestibility and efficiency of Bali cattle supplemented with herbs and humic acid fed with fermented palm oil sludge
14:00-14:15	Parinya Tiyaprasertkul Thymol-carvacrol supplementation in broilers: Impact on performance, blood biomarkers, and gut health
14:15-14:30	Papawee Phungkeha Fructooligosaccharides supplementation: Effects on broiler chicken performance, intestinal morphology, microbial community, and stress indicators
14:30-14:45	Endang Sulistyowati Feeding diet containing concentrate with fermented <i>Arenga pinnata</i> by-product on nutrient intakes, digestibility, and milk quality of lactating dairy cows
14:45-15:00	Paitoon Kaewhom The prevalence of capripoxvirus causing lumpy skin disease in beef cattle with no clinical signs on a well-managed cooperative farm
15:00-15:15	Sureewan Srijad The effect of different periods aestivation on recovery and nutritional composition of Apple snail (<i>Pomace</i> sp.)
15:15-15:30	Phunsin Kantha Comparative analysis between <i>Artemia parthenogenetica</i> and <i>Artemia franciscana</i> size from China, Vietnam and United States of America sources
15:30-15:45	COFFEE BREAK
15:45-16:00	Lerma Ocampo Cryo-survivability of frozen-thawed spermatozoa from commercially sold locally processed boar semen: Prospects for Animal Genetic Resources Cryobanking in the Philippines
16:00-16:15	Rachid Pengseesang Effects of dietary supplementation with Garlic and <i>Bacillus subtilis</i> on growth performance of <i>Anabas testudineus</i>
16:15-16:30	Hataichanok Passara Adulticidal activity of star anise, turmeric, cloves and combinations against houseflies
16:30-16:45	Krissana Ruang-Rit Species of commercially farmed crickets in Thailand
16:45-17:00	Heri Dwi Putranto The KUB chicken feathers growth during 6 weeks of starter phase intensive management
17:00-17:15	Jirisuda Sinthusiri Lavicidal and Pupicidal activity of two plant essential oils and their major compositions against <i>Aedes aegypti</i>
17:15-17:30	Nawapol Arhamad-Armeen Efficacy of plant essential oils for repelling against American cockroach adults (<i>Periplaneta americana</i> L.)
17:30-18:30	Closing Ceremony

Session 3 (Room 36303): Biological Diversity and Microbiology

Time	Chair: Prof. Dr. Mendoza, Bernadette C. (Philippines) Co-chairs: Dr. Hong Pham (Vietnam), Dr. Supattra Poeaim (Thailand)
13:30-13:45	IS: Prof. Dr. Mendoza, Bernadette C. Pathogenic potential of gram-negative bacteria isolated from organically grown lettuce samples, farm soil and fish amino acid fertilizer in two farms in Sariaya and Tayabas City, Philippines
13:45-14:00	IS: Dr. Hoang Pham The Edible Ectomycorrhizal Mushrooms (EEM) in southern Viet Nam: from nature to utilization
14:00-14:15	IS: Asst. Prof. Dr. Gopikrishnan, V. Exploration of associated actinobacteria for agricultural applications
14:15-14:30	Supattra Poeaim Evaluation of genetic diversity by molecular markers in Indian gooseberry (<i>Phyllanthus emblica</i>)
14:30-14:45	Patamaporn Tilarux Characterization and biological screening of the culturable endophytic actinomycetes from <i>Garcinia cowa</i> Roxb.
14:45-15:00	Nontakorn Taweekchaijaroen Screening and characterization of Plant Growth-Promoting Bacteria from plant roots
15:00-15:15	Khemvane Sukkasem Effects of probiotics, <i>Lactocaseibacillus paracasei</i> and <i>Bacillus amyloliquefaciens</i> on water quality and inhibition of <i>Vibrio vulnificus</i> and <i>Vibrio alginolyticus</i> in White Shrimp, <i>Litopenaeus vannamei</i>
15:15-15:30	Sukritta Anutrakunchai Efficacy of indigenous <i>Beauveria bassiana</i> and <i>Purpureocillium lilacinum</i> for controlling <i>Planococcus minor</i> (Maskell) in durian fruits
15:30-15:45	COFFEE BREAK
15:45-16:00	IS: Asst. Prof. Dr. Gopikrishnan, V. Bioprospecting of earthworm cast associated actinobacteria for sustainable agriculture
16:00-16:15	Sararat Monkhang Efficacy of antagonistic bacteria for controlling major fungal rice (<i>Oryza sativa</i> L.) pathogens
16:15-16:30	Junaiporn Banluehan Biocontrol potential of the six strains of <i>Bacillus</i> sp. against rice pathogens, <i>Xanthomonas oryzae</i> .
16:30-16:45	Atcharawan Prathong Efficacy of the strains of <i>Pseudomonas</i> and <i>Acinetobacter</i> as biocontrol agents against bacterial wilt disease in chili
16:45-17:00	Aueangporn Somsri Application of tempeh and split gill mushroom extracts in herbal fresh sausage: Evaluation of antioxidant and antimicrobial activities
17:00-17:15	Karthik Prakash M P Bioprospecting of fish gut associated Actinobacteria for its probiotic properties
17:15-17:30	Tra H MAI Biological characteristics and cultivation of wild <i>Auricularia cornea</i> recorded in southern Viet Nam
17:30-18:30	Closing Ceremony

Session 4 (Room 36304): Food Security, Food Safety, Science and Postharvest Technology

Time	Chair: Prof. Dr. Tapio Juokslahti (Finland) Co-chairs: Dr. Hariz Eko Wibowo (Indonesia), Dr. Naruemon Mongkontanawat (Thailand)
13:30-13:45	IS: Dr. Govindaraj Dev Kumar Photon based sanitation of food contact surfaces
13:45-14:00	IS: Dr. Naruemon Mongkontanawat Vinegar production from pickled mango peel waste
14:00-14:15	Hariz Eko Wibowo Analysis of household food security post pandemic in Mukomuko District, Bengkulu Province
14:15-14:30	Wanninee Chankaew Evaluation of plant-based protein products: Tempeh derived from the local edible freshwater alga <i>Chara corallina</i> Willdenow on immune function, toxicity, and antioxidant activity
14:30-14:45	Khanitta Ratprakhon Result of forming packaging from durian husk using modified starch and cassava starch
14:45-15:00	Kanyarat Lueangprasert NaCl floatation method on physicochemical quality of Kaew Kamin Mango during harvesting indices
15:00-15:15	Kannikar Charoensuk The nutritional values of chicken feet and effect of cryogenic freezing techniques on freezing rate and its frozen product quality
15:15-15:30	Suharyanto Suharyanto Effect of <i>Melastoma malabathricum</i> leaf powder particle size on the physicochemical properties and acceptability of beef meatballs
15:30-15:45	COFFEE BREAK
15:45-16:00	Uracha Wanich Dried pork curry with Cowa leaves sausage: The effect of drying time and temperature on quality attributes
16:00-16:15	Chirasak Phoemchalard Using Orange Data Mining for meat classification: A preliminary application of machine learning
16:15-16:30	Boondarika Sumana Potential of snake fruit (<i>Salacca zalacca</i>) cultivars on product quality for fermented vinegar beverages
16:30-16:45	Kannikar Charoensuk Formulation, physiochemical and antibacterial of mangosteen (<i>Garcinia mangostana</i>) juice
16:45-17:00	Usman Kris Joko Suharjo Pre-harvest dormancy breaking of potato seeds by gamma-ray irradiation and foliar spray of GA3 applied at different times
17:00-17:15	Ananya Chantharobol Development of healthier durian cookie with added inulin
17:15-17:30	Ma Ysalou Agbayani Antibacterial potential of chitosan extracted from the shells of green mussels (<i>Perna viridis</i> ; linnaeus, 1758) against <i>Escherichia coli</i> and <i>Staphylococcus aureus</i>
17:30-18:30	Closing Ceremony

Session 5 (Room 36305): Plant Science and Pest Management

Time	Chair: Dr. S. Lalitha (India) Co-chairs: Assoc. Prof. Sigit Sudjtmiko (Indonesia), Bancha Wiangsamut (Thailand)
13:30-13:45	IS: Assoc. Prof. Sigit Sudjtmiko Impact of urea foliar application frequency on swamp rice strains
13:45-14:00	Bancho Wiangsamut Effects of sterilizing agents, phenolic compound inhibitors, and plant hormones on <i>in vitro</i> lateral bud explant culture of three Durian varieties
14:00-14:15	Sridhar, D. Plant growth promoting rhizobacteria adoptive responses of sesame under salinity stress
14:15-14:30	Ritchuda Kaokrathok Growth and yield of newly released Bambara groundnut variety grown in the Central plain of Thailand
14:30-14:45	Muhammad Faiz Barchia Shallot cultivation on unsuitable agro-climate and marginal lowland treated with chicken manure in Bengkulu, Indonesia
14:45-15:00	Pakanan Jiamtae Evaluation of soybean (<i>Glycine max</i> L.) under different salinity stress on seedling growth and biochemical responses
15:00-15:15	Wikanya Prathumyot Effect of seed soaking with nitrophenolate-based biostimulant on germination and growth of Chili var. Kanchanaburi 1
15:15-15:30	Ngoc-An Nguyen <i>In vitro</i> antagonistic effect of <i>Bacillus subtilis</i> D5 against <i>Fusarium oxysporum</i> pathogenic to tomato
15:30-15:45	COFFEE BREAK
15:45-16:00	Supattra Poeaim Evaluation of structural traits and starch yield in sixteen cassava (<i>Manihot esculenta</i> Crantz) varieties grown in Ong Phra Subdistrict, Dan Chang District, Suphan Buri Province
16:00-16:15	Chatphon Tebdoie Optimizing simplified growing media for enhanced cannabis cultivation
16:15-16:30	Jirachaya Yeemin Effect of gamma irradiation on median lethal dose for mutation induction in <i>Zinnia elegans</i> and <i>Cosmos bipinnatus</i>
16:30-16:45	Sutinee Supreeworakij Influence of media and plant growth regulators (PGRs) on <i>in vitro</i> seed germination and development of <i>Doritis pulcherrima</i> Lindl.
16:45-17:00	Porntinun Pitisom Efficacy of mangosteen peel extract and phosphonic acid on Durian root rot disease (<i>Phytophthora palmivora</i>) <i>in vitro</i>
17:00-17:15	Varee Yoosumran Induced mutation of Curcuma hybrid cv. sweetmemory through tissue culture by Ethyl Methanesulphonate (EMS)
17:15-17:30	Pushpalatha Ganesh Genome-wide identification and a relative expression analysis of <i>OsFAR1/FHY3</i> gene family under salt stress in among <i>Oryza sativa japonica</i> and <i>Oryza sativa indica</i>
17:30-18:30	Closing Ceremony

Session 6 (Room 36202): Soil and Environment, Water conservation

Time	Chair: Prof. Dr. Nagia Farag Ali (Egypt) Co-chairs: Dr. Marufa Sultana (Bangladesh)
13:30-13:45	IS: Prof. Dr. Nagia Farag Ali Biodegradation of dyes in textile wastewater using some newly fungal isolates and immobilization method
13:45-14:00	IS: Dr. Marufa Sultana Sustaining soil fertility and enhancing yields in Maize-Mungbean-t. Aman cropping system through long-term integrated nutrient management
14:00-14:15	Kartika Utami Assessing the impact of frequent flooding on soil quality of paddy fields: multidimensional scaling approach
14:15-14:30	Prat Kongsombut Metrics analysis and evaluation of landscape mosaic changes to monitor the identity of forest monastery green space, Northeast Thailand
14:30-14:45	Khairul Amri Determining water flow efficiencies at Kah Pulo Geto primary irrigation channels, Bengkulu, Indonesia
14:45-15:00	Uthaiwan Phewphan Utilizing of aerial photography to study the distribution of seaweed in Saphan Hin Park, Mueang District, Phuket Province, Thailand
15:00-15:15	Benyapha Thongsri Microorganisms for bioremediation of soils contaminated with heavy metals
15:15-15:30	Mayamor Soyong Improving geolocation data from IRRI germplasm collection of rice and Geographic Population Structure (GPS)
15:30-15:45	COFFEE BREAK
15:45-16:00	Priyono Prawito Population and diversity of soil macrofauna in oil palm - banana cropping system in Indonesia
16:00-16:15	Thanadech Kangsawat Water management in areas outside irrigation zone of Tha Takiap sub-district, Tha Takiap district, Chachoengsao province, Thailand
16:15-16:30	Elsa Lolita Putri Projected land use change and impact in South Seluma Sub-district Bengkulu
16:30-16:45	Bandi Hermawan Comparison of permeable and water holding capacity between flat and steep soils
16:45-17:00	Pattana Somniam Growth and yield of Japonica rice (Koshihikari Var.) that affected by vermicompost
17:00-17:15	Jiraporn Phumthong The acceptance of nutrient management based on soil analysis values among durian farmers in Rayong Province, Thailand
17:30-18:30	Closing Ceremony

Session 7 (Room 36209): Biotechnology and Innovation

Time	Chair: Prof. Dr. Teodoro C. Mendoza (Philippines) Co-chairs: Dr. Wuri Prameswari (Indonesia), Dr. Govindaraj Dev Kumar (India)
13:30-13:45	IS: Prof. Dr. Teodoro C. Mendoza Hybrid rice genotypes: The innovation pathway to make the Philippines rice self-sufficient
13:45-14:00	IS: Prof. Dr. Jin-Cheol Kim Successful commercialization of <i>Bacillus methylotrophicus</i> 8-2 as a biocontrol agent against various plant diseases
14:00-14:15	IS: Dr. S. Lalitha The effect of Plant Growth- Promoting Rhizobacteria (PGPR) on arsenic accumulation and the growth of Pigeonpea (<i>Cajanus cajan</i> L. Millsp)
14:15-14:30	IS: Assoc. Prof. Usman Siswanto Yield and artemisinin content of six polyploid accessions of <i>Artemisia annua</i> grown at medium altitude in Indonesia
14:30-14:45	Sane Buasanit The effect of using Chinese Water Chestnut flour to partially replace wheat flour in steamed cake (Pui Fai)
14:45-15:00	Sureeporn Boonna Production of herbal kombucha with agarwood (<i>Aquilaria crassna</i> Pierre ex Lec.) levae and its biological properties
15:00-15:15	Muhammad Farid Estimation of sediment thickness in oil palm plantations using the HVSR method and its relation to the crop's productivity
15:15-15:30	Hanh Thi Dieu Nguyen Characterization of antagonistic actinomycete on dragon fruit fungal pathogen <i>Neoscytalidium dimidiatum</i>
15:30-15:45	COFFEE BREAK
15:45-16:00	IS: Dwi Wahyuni Ganefianti Testing the advantages of six new hybrid chili pepper genotypes in the lowlands
16:00-16:15	Sittipun Sinumporn Investigation of Genetic diversity of two elite rice cultivars using SSR based marker
16:15-16:30	Reny Herawati Detection of blast resistance genes in inbred rice lines using site-specific blast races
16:30-16:45	Thanaset Thongsaklaing Identification of new position of DNA insertion and 24-bp INDEL Mutation polymorphism in prolactin gene promoter of Thai native chickens
16:45-17:00	Wuri Prameswari Total phenolic content, flavonoid content, and antioxidant activity in various parts of butterfly pea accessions in Bengkulu, Indonesia
17:00-17:15	Somphit Sornyotha The family 36 carbohydrate-binding module of <i>Paenibacillus xylanoclasticus</i> TW1 xylanase: Characterization and recognition in epidermal tissue of sweet potato roots
17:15-17:30	Putri Mian Hairani Glucose content, viability and vigor four cucumber seed lots
17:30-18:30	Closing Ceremony

Session 8 (Room 36203): Organic Agriculture and Smart Farms

Time	Chair: Prof. Dr. Fahrurrozi Fahrurrozi (Indonesia) Co-chairs: Prof. Dr. Mohammad Chozin (Indonesia), Prof. Dr. Devarajan Thangadurai (India)
13:30-13:45	IS: Prof. Dr. Avinash Sharma Discovering previously uncultured microorganisms from antarctica to exploit their biotechnological potential for a sustainable future
13:45-14:00	IS: Prof. Dr. Mohammad Chozin Evaluation of ear yield stability of organic sweet corn hybrids at different elevations in a humid tropical climate
14:00-14:15	IS: Prof. Dr. Fahrurrozi Fahrurrozi Weed-based liquid organic fertilizer increased growth and yields of organically grown sweet corn
14:15-14:30	IS: Prof. Dr. Devarajan Thangadurai Phenetic engineering of potential microbes for biocontrol and biofertilizer applications in Chilli and Coffee
14:30-14:45	Jirachaya Yeemin Effects of LDD1 compost and chemical fertilizer on the growth, yield and antioxidant activity of <i>Chrysanthemum indicum</i> L.
14:45-15:00	Pattana Somniyam Effects of local planting materials on the growth of organic Chinese kale in raised bed technique
15:00-15:15	Dwi Wahyuni Ganefianti Growth of Dendrobium Oryen orchids at the acclimatization stage by providing organic materials to the planting media and the spraying foliar fertilizer
15:15-15:30	Souliya Souvandouane Organic agriculture history in Laos
15:30-15:45	COFFEE BREAK
15:45-16:00	IS: Maxim Mitrokhin RF practices with organic and halal products
16:00-16:15	Kasem Soyong Modern organic agriculture and earthsafe powered by AATSEA organic certification from farm to table
16:15-16:30	Sernan Fortus Pre-test of investigating the impact of organic production in comparison with chemical production on the growth and yield of lettuce in various hydroponics system
16:30-16:45	Panida Duangkaew Yield enhancement efficacy of <i>Bacillus</i> sp. biofertilizer on pineapple (<i>Ananas comosus</i> L. Merr.) production in Prachuap Khiri Khan, Thailand
16:45-17:00	Kartika Utami Distribution of humic substances and organic matter fraction: effects of long-term application of vermicompost
17:00-17:15	Sunisa Prawat Adoption of organic agricultural standards in organic farming: a case study in community enterprises in Roi-Et Province, Thailand
17:30-18:30	Closing Ceremony

Session 9 (Lanson conference room, 7th Floor): Plant Biotechnology

Time	Chair: Prof. Dr. Zainal Mukhtar (Indonesia) Co-chairs: Prof. Dr. Nanik Setyowati (Indonesia), Prof. Dr. Radhakrishnan Manikkam (India)
13:30-13:45	IS: Prof. Dr. Zainal Mukhtar Distribution of weed species and soil nitrogen, phosphorus, and potassium across various land uses in coastal areas
13:45-14:00	IS: Prof. Dr. Nanik Setyowati Weed control in water-saturated soybean cultivation in the coastal area
14:00-14:15	Yupa Pootaeng-On Assessment of bioactive compounds from <i>Miliusa sessilis</i> plant against anthracnose diseases on mango fruits (<i>Mangifera indica</i> L. 'Nam Dok Mai Si Thong')
14:15-14:30	Chaowanee Laosutthipong Genetic diversity of common figs (<i>Ficus carica</i>) cultivated in Thailand determined by 18S ribosomal RNA sequence
14:30-14:45	Yuli Widiyastuti Morphological variation and chemical profile of <i>Ficus septica</i> Burm. f from different natural population
14:45-15:00	Suthida Aphichartphankawee Nutritional evaluation of santol (<i>Sandoricum koetjape</i>) and the effects of santol flesh extract on <i>Drosophila melanogaster</i>
15:00-15:15	Sempurna Ginting Attack intensity and effectiveness pheromone on <i>Oryctes rhinoceros</i> L. in oil palm, Seluma district, Bengkulu
15:15-15:30	Florenda Temanel <i>In vitro</i> propagation of Turmeric (<i>Curcuma longa</i> Linn.) using Murashige and Skoog (MS) media supplemented with varying concentrations of Thidiazuron (TDZ)
15:30-15:45	COFFEE BREAK
15:45-16:00	Pattama Nitthaisong Optimum potassium fertilizer rate for growth, biomass yield, and fuel properties of <i>Leucaena</i> (<i>Leucaena leucocephala</i>) cv. Tarramba in sandy soil
16:00-16:15	Atra Romeida The screening of soybean drought tolerant using polyethylene glycol 6000 for entisol of Bengkulu Coastal Land
16:15-16:30	Angsima Jitwetkul Plant regeneration of <i>Dimocarpus longan</i> var. obtusus Leenh. by tissue culture technique
16:30-16:45	Wimonsiri Sehawong Comparative effects of drought stress on growth and yield components of Riceberry and KDML 105 rice varieties
16:45-17:00	Marlin Marlin The growth and yield of second-generation of shallot mutants caused by gamma-ray irradiation (<i>Allium cepa</i> var. <i>Aggregatum</i>)
17:00-17:15	Hesti Nur'Aini Morphological diversity of banana accessions collected from Bengkulu Province, Indonesia
17:15-17:30	Indah Liswanti Growth and yield of maize treated with plant-based liquid fertilizers at varying concentrations and frequency of application
17:30-18:30	Closing Ceremony

Session 10 (Samsorn conference room, 8th Floor): Animal Biotechnology

Time	Chair: Asst. Prof. Dr. Gopikrishnan, V. (India) Co-chairs: Prof. Dr. Preetha Manikandan (India)
13:30-13:45	IS: Prof. Dr. Preetha Manikandan Transformation of waste to wealth from cow dung
13:45-14:00	Excel Rio S. Maylem Overcoming summer infertility in water buffaloes in the Philippines using double PGF2a in a 7-day cidrsynch timed artificial insemination
14:00-14:15	Ilyas Waesulong Effect of supplemented liquid pigments in the diet on growth performance and body skin color of Jewel cichlid (<i>Hemichromis lifalili</i>) fish
14:15-14:30	Yusup Sopian Meta-analysis of dietary supplementation with hemp products (<i>Cannabis sativa</i> L.) in broiler chicken: performances, blood profiles, intestinal morphology, and meat physicochemical parameters
14:30-14:45	Katatikarn Sahatsanon Meta-Analysis of multi-strain bacterial probiotic supplementation on growth performance of post-weaning piglets
14:45-15:00	Hataichanok Passara Plant essential oils, trans-anethole and eugenol, for housefly knockdown and mortality
15:00-15:15	Manatsanun Nopparatmaitree Effect of Phytobiotics from Yanang (<i>Tiliacora triandra</i>) leaf extract containing <i>Pediococcus acidilactici</i> V202 product (PYLEPP) supplementation in diets on in vitro prediction of true nutrient digestibility and cecal fermentation by broiler microbiota
15:15-15:30	Adisak Kongkeaw Optimization of phytocannabinoid extraction from <i>Cannabis sativa</i> L. (Hemp) using crude palm kernel oil via decarboxylation and its potential as an energy supplement for suckling piglets
15:30-15:45	COFFEE BREAK
15:45-16:00	Suwit Thip-Uten Effect of different diets on growth performance and carcass characteristic of Nu Phuk (<i>Bandicota indica</i>) raised under circle cement pond
16:00-16:15	Supawitch Janrong Effect of milk thistle with artichoke or Gingko leaves extract on growth performance and carcass characteristics in broilers
16:15-16:30	Jamree Khrueahong Needs for processing career promotion course to add value for freshwater fish farmers in Nakhon Sawan Province
16:30-16:45	Kannikar Charoensuk Effect of supplementing red pigment from <i>Monascus</i> sp. fermented native black rice (Maepayathong Dum Rice) on production performance and egg quality in laying hens
16:45-17:00	Sayan Subepang Effect of feeding system on productive performance, nutrient digestibility, and economic return in Brahman crossbred cattle
17:00-17:15	Wanninee Chankaew Effectiveness of <i>Chara corallina</i> ingredients fermented and unferment on growth performance and digestive enzyme activity of giant freshwater prawn (<i>Macrobrachium rosenbergii</i> de Man 1879)
17:15-17:30	Sukritta Anutrakunchai Stingless bees collecting pollen in Durian Orchards, Khao Khitchakut district, Chanthaburi province
17:30-18:30	Closing Ceremony

17:30-18:30	Closing Ceremony
	Concluding Remarks by Prof. Dr. Kasem Soyong, President of AATSEA, Thailand Venue: Conference Hall, Siri Rambhai Bhan Auditorium, Rambhai Barni Rajabhat University (RBRU)
	Best Presentation Award
	Closing address by Rambhai Barni Rajabhat University representative
	Closing remarks by Prof. Dr. Hiroyuki Konuma, President (GIAPSA) (Japan)
	Summary and Closing remarks by Prof. Kasem Soyong, President, AATSEA, Thailand
	Congratulations on hosting the 13th ICIST 2025 address by China representative
	Motivational Song: Prof. Dr. Kasem Soyong and Team
18:30-20:00	Cultural performances & Dinner Venue: Suan Ban Kaew Palace, Rambhai Barni Rajabhat University (RBRU)

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Imagine



Imagine there's no heaven
It's easy if you try
No hell below us
Above us, only sky
Imagine all the people
Livin' for today
Ah



Imagine there's no countries
It isn't hard to do
Nothing to kill or die for
And no religion, too
Imagine all the people
Livin' life in peace
You



You may say I'm a dreamer
But I'm not the only one
I hope someday you'll join us
And the world will be as one
Imagine no possessions
I wonder if you can
No need for greed or hunger
A brotherhood of man
Imagine all the people
Sharing all the world
You



You may say I'm a dreamer
But I'm not the only one
I hope someday you'll join us
And the world will live as one