ASEAN-FEN

10th international Fisheries Symposium 2022

IFS2022: ADAPT TO CHANGES

PROGRAM BOOK

05 – 07 DECEMBER 2022

NHA TRANG UNIVERSITY, NHA TRANG, VIETNAM

HOST: **CO-HOST:**

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ASEAN-FEN INSTITUTIONAL MEMBERS

ASEAN-FEN comprises of 37 university members, which are

9 ASEAN-FEN core members (Universiti Malaysia Terengganu, Malaysia; Universiti Sains Malaysia, Malaysia; Kasetsart University, Thailand; Prince of Songkla University, Thailand; Rajamangala University of Technology Srivijaya, Thailand; Can Tho University, Vietnam; Nong Lam University, Vietnam; Universitas AirLangga, Indonesia; Universitas Brawijaya, Indonesia),

24 ASEAN-FEN associate members (Nha Trang University, Vietnam; Hue University, Vietnam; University of Philippines Visayas, Philippines; Central Luzon State University, Philippines; Pangasinan State University, Philippines; Mindanao State University-MAGUINDANAO, Philippines; Royal University of Agriculture, Cambodia; Prek Leap National College of Agriculture, Cambodia; University of Yangon, Myanmar; Pathein University, Myanmar; Yadanabon University, Myanmar; Savannakhet University, Laos; Burapha University, Thailand; Thaksin University, Thailand; Universiti Putra Malaysia, Malaysia; Universiti Malaysia Sabah, Malaysia; International Islamic University Malaysia, Malaysia; Bogor Agricultural University, indonesia; Diponegoro University, indonesia; Universitas Gadjah Mada, indonesia; Bandung Institute of Technology, Indonesia; Jenderal Soedirman University, indonesia; Padjadjaran University, Indonesia; Udayana University, indonesia), and

4 ASEAN-FEN+ members (Ocean University of China, China; Tianjin University of Science and Technology, China; Hokkaido University, Japan; Asian institute of Technology, Thailand).

INTERNATIONAL ORGANIZING COMMITTEE

Co-Chair persons:

Dr. Khong Trung Thang, Chairman of University Council, Nha Trang University

Prof. Dr. Mohd Effendy Abd. Wahid, Chairman of ASEAN-FEN

Members:

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Prof. Dr. Vu Ngoc Ut

Assoc. Prof. Dr. Nguyen Nhu Tri

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Assoc. Prof. Dr. Truong Quoc Phu

Professor Dr. Moch Amin Alamsjah

Assoc. Prof. Dr. Tan Min Pau

Professor Dr. Siti Azizah Mohd Nor

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Vice chairperson:
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Assoc. Prof. Dr. Le Minh Hoang, Nha Trang University
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Ms. Nguyen Thi Thuy
Website:
Mr. Pham Van Hung

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Nguyen Thi Bich Le
Le Huy Nhat
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Nguyen Huu Quy
Tran Quang Dai
Le Thai Son

SCHEDULE

ASEAN – FEN 10th INTERNATIONAL FISHERIES SYMPOSIUM 2022 (IFS2022)

December 5-7th, 2022

Nha Trang University, Nha Trang, Vietnam

Date	Time (hrs.)	Activities	Venue
Day 1: Monday, December 05th, 2022			
December 05th (Monday)	08:00 – 08.30	IFS2022 registration *(optional early registration in afternoon of December 04th)*	Hall 3, NTU
	08:30 – 08:50	Cultural performances	Hall 3, NTU
	08:50 – 10:00	IFS2022 Opening ceremony & Welcoming remarks . Welcoming remarks by the Rector of NTU . Remarks by ASEAN-FEN Chairman . Remarks by IFS2022 Chairperson . Remarks by EAFTA Chairperson . ASEAN-FEN Outstanding Young Fisheries Scientist Award 2022 . Sponsorship appreciation . Brief introduction to IFS2022 schedule	Hall 3, NTU
	10:00 – 10:30	**Plenary Session/keynote address** ***.Keynote 1: Realizing the Strategy for Development of Vietnam's Fisheries by 2030 with vision towards 2045*** Dr. Tran Dinh Luan Director General, Directorate of Fisheries, Vietnam	Hall 3, NTU
	10:30 – 11:00	. Group photo and Coffee break	Foyer, NTU
	11:00 – 11:45	***.Keynote 2: Recovery and Application Value Added Products from Shrimp Shells and Heads*** Prof. Trang Si Trung Rector of Nha Trang University, Vietnam ***.Keynote 3: Biostimulant Technology, Biostimulants for Agriculture and Aquaculture and Human Health*** Dr. Cees Van Stee Technical Director of ReXil Asia	Hall 3, NTU
	12:00 – 13:00	***Lunch break***	***Foyer***
	13:00 – 15:00	Parallel Oral & Poster Presentation Session	Each session
	15:00 – 15:20	Coffee break and Poster Presentation Session	Poster areas
	15:20 – 17:20	Parallel Oral & Poster Presentation Session	Each session
	17:30 – 21:00	ASEAN-FEN members meeting	Yasaka Hotel

Day 2: Tuesday, December 06th, 2022			
December 06th (Tuesday)	08:00 – 09:40	Parallel Oral & Poster Presentation Session	Each session
	09:40 – 10:00	Coffee break and Poster presentation Session	Poster areas
	10:00 – 12:00	Parallel Oral & Poster Presentation Session	Each session
	12:00 – 13:00	***Lunch break***	***Foyer***
	13:00 – 15:00	Parallel Oral & Poster Presentation Session	Each session
	15:00 – 15:20	Coffee break and Poster presentation Session	Poster areas
	15:20 – 17:20	Parallel Oral & Poster Presentation Session	Each session
	17:30 – 21:00	IFS2022 Closing Dinner & Cultural Show by Countries . Award for Oral and Poster Presentation & Cultural Show . Motivational Speech of Outstanding Young Scientist . Handover ceremony to the host of IFS2023 and invite the dean to deliver a speech . Dinner	Champa Island (304 2/4 street, Vinh Phuoc, Nha Trang)
Day 3: Wednesday, December 07th, 2022			
December 07th (Wednesday)	08:00 – 15:00	Excursion *(optional, you need to book the trip and payment at the* registration and reception desks in advance by 5th December, 2022*)* - City tour - Farm trip for freshwater aquaculture - Farm trip for marine aquaculture	Departure at NTU square

Day 1: Monday, December 05th, 2022

Place	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	17:30 - 21:00
Hall 3	Registration	Opening ceremony & Welcoming remarks (Plenary)	Keynote Session (Plenary)	Group photo & coffee break / Keynote Session (Plenary)	Lunch time						. Free schedule . Dinner (Only IFS2022 committee and leader of participating delegations)
G4.101						Session1. Aquaculture Biotechnology and Engineering		Coffee break & Poster session	Session1. Aquaculture Biotechnology and Engineering		
G4.102						Session 2: Aquatic animal nutrition & Physiology			Session 2: Aquatic animal nutrition & Physiology		
G4.103						Session 3: Aquatic animal health management			Session 3: Aquatic animal health management		
G4.104						Session 4: Genetics & Breeding			Session 4: Genetics & Breeding		
G4.105						Session 5: Fishing and fishery technology, policy and law, aquatic resources and environmental management, biodiversity and climate change			Session 5: Fishing and fishery technology, policy and law, aquatic resources and environmental management, biodiversity and climate change		
G6.104						Session 7: Community outreach in fisheries and aquaculture			Session 5: Climate change (cont')		
Hall 1						Session 6: EAFTA: Seafood processing technology, food safety and security, fisheries socio-economics and management			Session 6: EAFTA: Seafood processing technology, food safety and security, fisheries socio-economics and management		

Day 2: Tuesday, December 06th, 2022

Place	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:30 – 21:00
G4.101	Session1. Aquaculture Biotechnology and Engineering	Coffee break & Poster session	Session1. Aquaculture Biotechnology and Engineering		Lunch break	Session 6: EAFTA: Seafood processing technology, food safety and security, fisheries socio-economics and management		Coffee break & Poster session	Session 6: EAFTA: Seafood processing technology, food safety and security, fisheries socio-economics and management	. See you at the Champa Island (304 2/4 street, Vinh Phuoc, Nha Trang). IFS2022 Closing Dinner & Culture Show by Countries .Cultural Show by Countries . Award for Oral and Poster Presentation; Cultural Show & Outstanding Young Scientist . Motivational Speech of Outstanding Young Scientist . Handover ceremony to the host of IFS2023 and invite the dean to deliver a speech
G4.102	Session 2: Aquatic animal nutrition & Physiology		Session 2: Aquatic animal nutrition & Physiology			Session 2: Aquatic animal nutrition & Physiology			Session 2: Aquatic animal nutrition & Physiology	
G4.103	Session 3: Aquatic animal health management		Session 3: Aquatic animal health management			Session 3: Aquatic animal health management			Session 3: Aquatic animal health management	
G4.104	Session 4: Genetics & Breeding		Session 4: Genetics & Breeding			Session 4: Genetics & Breeding			Session 4: Genetics & Breeding	
G4.105	Session 5: Fishing and fishery technology, policy and law, aquatic resources and environmental management, biodiversity and climate change		Session 5: Fishing and fishery technology, policy and law, aquatic resources and environmental management, biodiversity and climate change			Session 5: Fishing and fishery technology, policy and law, aquatic resources and environmental management, biodiversity and climate change			Session 5: Fishing and fishery technology, policy and law, aquatic resources and environmental management, biodiversity and climate change	
G6.104	Session 5: Fishing and fishery technology, policy and law, aquatic resources and environmental management, biodiversity and climate change		Session 5: Fishing and fishery technology, policy and law, aquatic resources and environmental management, biodiversity and climate change			Session 5: Fishing and fishery technology, policy and law, aquatic resources and environmental management, biodiversity and climate change			Session 3: Aquatic animal health management	
Hall 1	Session 6: EAFTA: Seafood processing technology, food safety and security, fisheries socio-economics and management		Session 6: EAFTA: Seafood processing technology, food safety and security, fisheries socio-economics and management			Session 6: EAFTA: Seafood processing technology, food safety and security, fisheries socio-economics and management			Session 6: EAFTA: Seafood processing technology, food safety and security, fisheries socio-economics and management	

Day 3: Wednesday, December 07th, 2022

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<tr><th></th><th>08:00</th><th>09:00</th><th>10:00</th><th>11:00</th><th>12:00</th><th>13:00</th><th>14:00</th><th>14:30</th></tr>
<tr><td>Farm trip 1</td><td colspan="5">Freshwater aquaculture</td><td colspan="2">Lunch</td><td rowspan="2">Finish the trips</td></tr>
<tr><td>Farm trip 2</td><td colspan="5">Marine fish aquaculture</td><td colspan="2">Lunch</td></tr>
<tr><td>City tour</td><td colspan="8">By yourself</td></tr>
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ORAL PRESENTATION AT VENUE: G4.101

Date	Time (hrs.)	Oral presentation	Venue
The 1st day			
December 05th (Monday)	**Session 1: Aquaculture Biotechnology and Engineering**		
	Chairperson: Prof.Dr. Yeong Yik Sung and Dr. Do Huu Hoang		
	13:00 – 13:20	A preliminary study on culture of Mangrove Red Snapper, *Lutjanus argentimaculatus* (Forsskål, 1775) ***Vutthichai Oniam****, *Wasana Arkronrat, Rungtiwa konsantad*	G4.101
	13:20 – 13:40	A study on the effect of water parameters on the Survival and Growth rate of Sea Bass, *Lates calcarifer* (Bloch, 1790) ***Jue Ko Ko Thet****	G4.101
	13:40 – 14:00	Ecological carrying capacity of sustainable intensive shrimp farming in sandy coastal area ***Susilo B. Priyono****, *Rustadi, Triyanto1, Sudarmadj*	G4.101
	14:00 – 14:20	Effects of maternal experience in salinity conditions on offspring performance of Bighead catfish (*Clarias macrocephalus*) ***Joachim Raymond Temu****, *Ngoc-Tran Thi Nguyen, Thuy-Yen Duong*	G4.101
	14:20 – 14:40	Growth performance of Mud Crab juveniles *Scylla olivacea* and *Scylla tranquebarica* in the brackishwater pond and their molting increment from immature to mature stages in captivity ***Muhammad N. Syafaat****, *Khor Waiho, Gunarto and Mhd Ikhwanuddin*	G4.101
	14:40 – 15:00	Micropropagation of *Eucheumatoids* using brown seaweed liquid extracts from *Ascophyllum nodosum* and *Laminaria digitata* ***Iris Ann Borlongan****, *Hazel Coleen Gaya, Antoniette Lorain Dimaano, Franck Hennequart, Alan Critchley, Anicia Hurtado*	G4.101
	15:00 – 15:20	**Coffee break and Poster Presentation**	**Poster areas**
	Session 1: Aquaculture Biotechnology and Engineering		
	Chairperson: Dr. Nguyen Tan Sy and Dr. Susilo Budi Priyono		
	15:20 – 15:40	Comparative genomic analysis of hypervirulent *Aeromonas hydrophila* strains from striped catfish (*Pangasianodon hypophthalmus*) in Vietnam ***Thao P. H. Ngo****, *Huong T. T. Vu, Thao T. T. Le, Hieu C. N. Bui, Mark R. Liles and Channarong Rod Khum*	G4.101
	15:40 – 16:00	Experimental analysis evaluating a new integrated periphyton system for intensive *Macrobrachium rosenbergii* aquaculture ***David Marioni****, *Mhd Ikhwanuddin*	G4.101
	16:00 – 16:20	Image analysis-based machine learning to classify average weight of Red Tilapia (*Oreochromis niloticus* Linn.) ***Roongparit Jongjaraunsuk****, *Pimlapat Suwannasing, Ruangvit Yoonpundh, Wara Taparhudee*	G4.101

	16:20 – 16:40	Mortality rate of red tilapia (*Oreochromis niloticus* Linn.) fingerlings prediction using machine learning techniques ***Putra Ali Syahbana Matondang****, *Wara Taparhudee, Ruangvit Yoonpundh, Roongparit Jongjaraunsuk*	G4.101
	16:40 – 17:00	Potential of Culture Red Nile Tilapia (*Oreochromis niloticus*) monosex on biofloc system with different dose for Specific Growth Rate, Survival Rate, Feed Conversion Ratio, and Feed Efficiency *Tantyo Ari Adi Wiguno,* ***Nina Nurmalia Dewi****, Agustono, Agung Luthfi Fauzan*	G4.101
	17:00 – 17:20	Developing simple methods by using both absorbance and nephelometric 900 scattered- light for determining the microalgal biomass in aquaculture in Vietnam ***Thao Duc Mai****, Hung Quoc Pham, and Kim Jye Lee – Chang*	G4.101
The 2nd day			
December 06th (Tuesday)	**Session 1: Aquaculture Biotechnology and Engineering**		
	Chairperson: Dr. Luong Cong Trung and Dr. Ahasan Habib		
	08:00 – 08:20	Effectiveness of different extracted Chitosan as natural coagulant for aquaculture wastewater ***Fachrul Wahab****, Che Engku Noramalina Che Engku Chik, Iber Benedict Terkula, Siti Aslamyah, Siti Rozaimah Sheikh Abdullah, and Nor Azman Kasan*	G4.101
	08:20 – 08:40	Microbubble aeration increased dissolved oxygen and fish culture performance of red tilapia (*Oreochromis sp.*) in a recirculating aquaculture system (RAS) ***Rustadi Rustadi****, Eny Heriyati, Alim Isnansetyo, Bambang Triyatmo, and Indah Istiqomah*	G4.101
	08:40 – 09:00	Potential of size exclusion for water quality control system in aquaculture farming system *Diyana Kamarudin,* ***N.I. Yatim*, N. Ali****, S.C. Zainathan, S.N.K. Addis*	G4.101
	09:00 – 09:20	Using seaweed as a biological filter to reduce pollution of wastewater sourced from tropical intensive shrimp farms ***Hang T. T. Nguyen****, Thanh D. Nguyen, Minh T. Nguyen, Tuan A. Nguyen*	G4.101
	09:20 – 09:40	Water quality management in Vannamei white shrimp (*Litopenaeus vannamei*) cultivation, Bomo village, Rogojampi district, Banyuwangi, East Java province ***Aldhilla Juan Azzahra****, Luthfiana Aprilianita Sari, Putri Desi Wulan Sari, Daruti Dinda Nindarwi, Sulastri Arsad and Nadirah Musa*	G4.101
	09:40 – 10:00	**Coffee break & Poster Presentation**	**Poster area**

	Session 1: Aquaculture Biotechnology and Engineering		
	Chairperson: Dr. Nguyen Thi Thuy Hang and Dr. Indah Istiqomah		
	10:00 – 10:20	Eradication of microplastics pollution using bioflocculant-producing bacteria as biodegrader isolated from biofloc-based system ***Zuhayra Nasrin Ahmad Shukri****, *Shahadat Hossain, Rohisyamuddin Othman, Amyra Suryatie Kamaruzzan, Nor Azman Kasan*	G4.101
	10:20 – 10:40	Isolation and selection of purple non-sulfur bacteria for aquaculture uses *Giang T. Huynh, Hai H. Vu,* ***Ngan N.K Nguyen****	G4.101
	10:40 – 11:00	Prophylactic effects of *Pandanus tectorius* leaf extract in the brine shrimp artemia-vibrio challenge model ***Patabandi PPSK****, *Kartik Baruah, Parisa Norouzitallab, Yeong Yik Sung*	G4.101
	11:00 – 11:20	Taxonomic and functional analysis of gut microbiome in wild and domesticated broodstock population of Black Tiger shrimp (*Penaeus monodon*) ***Shumpei Iehata****, *Zulaikha Mat Deris , Li Lian Wong*	G4.101
	11:20 – 11:40	Microbial assessment of Rohu, *Labeo rohita* from the Brahmaputra river in Jamalpur, Bangladesh *Shemul Mian, Mamunur Rashid,* ***Ahasan Habib****	G4.101
	11:40 – 12:00	3R for climate smart aquaculture in the lower Mekong delta of Viet Nam ***Kabir KA*,*** *Schrama JW, Mortillaro JM, Verdegem MCJ*	G4.101
	12:00 – 13:00	**Lunch break**	**Foyer**
	Session 6: EAFTA: Seafood processing technology, food safety and security, fisheries socio-economics and management		
	Chairperson: Dr. Pham Thi Minh Thu and Dr. Dwi Yuli Pujiastuti		
	13:00 – 13:20	Promotion effects of *Sargassum binderi* extract on shoot growth of chrysanthemum (*Chrysanthemum* sp.) In vitro *Kieu T.B Nguyen,* ***Pham Thi Minh Thu****	G4.101
	13:20 – 13:40	The effect of different additions Carbon dioxide (co_2) on growth, lipids, carotenoids and chlorophil-a *Chaetoceros calcitrans* ***Luthfiana Aprilianita*,*** *Sari Esza Rezky Amaliandini, Syarif Nashrullah, Anastasya Dewi Larasati, Fajar Taufan Firmansyah, Nina Nurmalia Dewi, and Sulastri Arsad*	G4.101
	13:40 – 14:00	Sardiniella fimbrata bones as promising sunscreen agents *M. Z. H. Rozaini, H. Hamzah,* ***M.S. Azhar****	G4.101
	14:00 – 14:20	Characterization of gelatin from Tilapia scales ***Mala Nurilmala****, *Andiksy Risya, Roni Nugraha, Yoshihiro Ochiai*	G4.101
	14:20 – 14:40	Ultrasound assisted treatment improves the preservation performance of chitosan-graft-chlorogenic acid on refrigerated sea bass (*Lateolabrax japonicus*) fillets. *Xin YANG,* ***Weiqing LAN****, *Jing XIE*	G4.101

	14:40 – 15:00	Ultrasound-assisted chitosan-grafted-caffeic acid improves the myofibrillar protein characteristics of pompano (*Trachinotus ovatus*) during ice storage ***Jiaxin Zhao****, *Weiqing Lan, Shucheng Liu, Yuqing Sun, Xiaohong Sun*	G4.101
	15:00 – 15:20	**Coffee break and Poster Presentation**	**Poster area**
	Session 6: EAFTA: Seafood processing technology, food safety and security, fisheries socio-economics and management		
	Chairperson: Assoc.Prof.Dr. Huynh Nguyen Duy Bao and Dr. Ezmahamrul Afreen Awalludin		
	15:20 – 15:40	A novel food printing ink—peptides-carrageenan-xanthan gum: printing mechanism and anti-oxidation under in vitro digestion ***Junqi Zhan****	G4.101
	15:40 – 16:00	Influence of Pyrophosphate (PPI) and Adenosine 5`-Triphosphate (ATP) on microstructure and thermostability of Silver carp *Myofibrila protiens* *Zhuolin Wang, Yuanyong Tian, Yumeng Lin, Yuki Ogasawara, Tetsuro Yamashita,* ***Chunhong Yuan****	G4.101
	16:00 – 16:20	Slightly acidic electrolyzed water-slurry ice: shelf-life extension and quality maintenance of mackerel (*Pneumatophorus japonicus*) during chilled storage *Bingjie ZHANG,* ***Weiqing LAN****, *Lin LIU, Tianting PU, Yuxiao ZHOU, Jing XIE**	G4.101
	16:20 – 16:40	Combined effect of Moringa (*Moringa oleifera*) water extracts and vacuum packaging on the quality and lipid oxidation of sun-dried Punti (*Puntius sophore*) during storage ***Md. Golam Rasul****, *Chunhong Yuan, Kefeng Yu, Koichi Takaki, A. K. M. Azad Shah*	G4.101
	16:40 – 17:00	Comparative proteomics analysis of three commercial Tuna species through SWATH-MS based mass spectrometry and chemometrics *Lingping Hu, Hongwei Zhang, Zhiheng Hu, Yaoxian Chin, Xiaomei Zhang, Jianchu Chen,* ***Yaqin Hu****	G4.101
	17:00 – 17:20	Corruption ability regulating effects of luxs in *Shewanella putrefaciens*: analysis from the perspective of quorum sensing and activated methyl cycle *Zhiheng Hu,* ***Yaqin Hu****	G4.101

ORAL PRESENTATION AT VENUE: G4.102

Date	Time (hrs.)	Oral presentation	Venue
The 1st day			
December 05th (Monday)	**Session 2: Aquatic animal nutrition and physiology**		
	Chairperson: Prof.Dr. Vu Ngoc Ut and Prof.Dr. Augustine Arukwe		
	13:00 – 13:20	Study on using treated wastewater from snakehead fishponds to culture *Srpirulina platensis* ***Pham Kim Long****, *Duong Hoang Oanh*	G4.102
	13:20 – 13:40	Appetite control, feed intake and growth in clownfish *Amphiprion ocellaris* exposed to high temperature and limited feed availability ***Linh P. Pham****, *Minh V. Nguyen, Ann-Elise Olderbakk Jordal, and Ivar Rønnestad*	G4.102
	13:40 – 14:00	"Strange slimy material" caused acute death in tropical marine broodstocks *Mai Dang,* ***Hai Thanh T. Nguyen****, *Van Manh Ngo, Tran Duc Dien, Tran Ngoc Thang, Nguyen Thi Phương Thao, Binh Thuy Dang, Ha Thanh Dong*	G4.102
	14:00 – 14:20	Effect of partial substitution of soybean oil with a medium chain fatty acid and a low-fat diet on saline-tolerant Nile tilapia *Oreochromis niloticus* *Reginna Aivel Rapiz, Rowena Cadiz, Fredson Huervana, Ande Bryle Genciana, Maria Alexandra Fontanilla, Ariadne Marie Daquioag, Valeriano Corre, Rex Ferdinand Traifalgar,* ***Carmelo del Castillo****	G4.102
	14:20 – 14:40	Screening the quality of feed ingredients for pangasius nasutus through in vitro digestibility study ***Lidya****, *Hon Jung Liew, Abol-Munafi Ambok Bolong, Sharifah Rahmah*	G4.102
	14:40 – 15:00	Effect of lysine levels on growth and survival rate of rabbitfish *Siganus guttatus* Bloch, 1787 ***Binh Mac Nhu****, *Dan Van Truong, Thuy Thanh Nguyen Thi, Ngo Thi Huong Giang, Tran Nguyen Ngoc, Augusto E. Serrano.Jr*	G4.102
	15:00 – 15:20	**Coffee time and Poster Presentation**	**Poster areas**
	Session 2: Aquatic animal nutrition and physiology		
	Chairperson: Dr. Nguyen Van Minh Prof.Dr. Augusto E. Serrano Jr		
	15:20 – 15:40	Selection of host derived probiotics for growth improvement of hybrid grouper *Epinephelus spp.* ***Ain Zulkurnain****, *Ahmad Daud Om, Noordiyana Mat Noordin, Shumpei Iehata*	G4.102
	15:40 – 16:00	Moulting stages in mud crab genus Scylla ***Azmie G****, *Ikhwanuddin M, Fazhan H, Waiho K.*	G4.102

	16:00 – 16:20	Effect of single cell protein biomass of spirulina as feed additive on the growth, survival and food conversion ratio of Nile tilapia *Oreochomis niloticus* Israel strain fry ***Sotero M. Aban***, Alvin F. Bruan and Maria Elena T. Caguioa*	G4.102
	16:20 – 16:40	Effect of different protein levels on the growth performance and survival rate of tire track eel *Mastacembelus favus* fingerling ***Nguyen Huu Yen Nhi****, *Tran Kim Ngoc, Trinh Thi Lan, Nguyen Thi Thuy Hang, Nguyen Thi Bich Hanh, Dang Van Ty, Torbjörn Lundh and Anders Kiessling*	G4.102
	16:40 – 17:00	Evaluation of lactic and formic acids in silage production from viscera of golden redfish *Sebastes norvegicus* Ascanius, 1772 ***Aysha Akhtar***, Sigurjon Arason, Marvin Ingi Einarsson, Mamun Abdullah Al, SM Sharifuzzaman, Alkassoumi Hassane Hamadou, Abu Hena Mustafa Kamal*	G4.102
The 2nd day			
December 06th (Tuesday)	**Session 2: Aquatic animal nutrition and physiology**		
	Chairperson: Assoc.Prof.Dr. Nguyen Phu Hoa and Prof.Dr. Augustine Arukwe		
	08:00 – 08:20	Impact of low pH and high temperature on metabolic response of mud crab ***Tan Jin Mei***, Mazlan And. Ghaffar, Hon Jung Liew*	G4.102
	08:20 – 08:40	Effects of temperature on growth and physiological responses of patin buah *Pangasius nasutus* (bleeker, 1863) ***Loong Cha Kang***, Sharifah Rahmah, Abol Munafi Ambok Bolong, Hon Jung Liew*	G4.102
	08:40 – 09:00	Interactive impact of temperature low ph on growth and physiological responses of *Litopenaeus vannamei* ***Yu Ling Shirly-Lim***, Hon Jung Liew, Mazlan Abd. Ghaffar*	G4.102
	09:00 – 09:20	Use of black soldier fly larvae meal in hybrid grouper *Epinephelus fuscoguttatus* ♀ × *Epinephelus lanceolatus* ♂ culture ***Enyo Jonathan Ukwela***, Sharifah Rahmah, Hon Jung Liew*	G4.102
	09:20 – 09:40	Food selectivity of early life stage climbing perch, *Anabas testudineus* (bloch, 1792) ***Mohamad Jalilah****, Suliza Adenan and Hon Jung Liew*	G4.102
	09:40 – 10:00	**Coffee time & Poster Presentation**	**Poster area**
	Session 2: Aquatic animal nutrition and physiology		
	Chairperson: Assoc.Prof.Dr. Nguyen Nhu Tri and Assoc.Prof.Dr. Mac Nhu Binh		
	10:00 – 10:20	Effects of dietary benfotiamine on growth and resistance to abrupt shift to higher salinity in the African catfish *Clarias gariepinus* juvenile *Rey L. Obeda, Barry Leonard M. Tumbokon,* ***Augusto E. Serrano Jr****	G4.102

	10:20 – 10:40	Evaluation of dietary probiotic aeromonas sp. a8-29 on growth performances, fatty acids composition, gut and muscle histology of tor tambroides and and survival against pathogenic infection ***Mohammod Kamruzzaman Hossain****, *Sairatul Dahlianis Ishak, Shumpei Iehata, NoorDiyana Mat Noordin, Md. Abdul Kader, Mohammad Asmat Ullah, Sharifah Noor Emilia, Yeong Yik Sung, Ambok Bolong Abol-Munafi*	G4.102
	10:40 – 11:00	Evaluation of different dietary starch as carbohydrate source on the growth performance of Nile tilapia *Oreochromis niloticus* fry *Quenstein Dizon Lauzon,* ***Mary Ann B. Madeja****	G4.102
	11:00 – 11:20	Dietary dl-a-tocopheryl acetate enhances growth and resistance against abrupt shift to higher salinity in the Asian catfish *Clarias macrocephalus* juveniles *Barry Leonard M. Tumbokon, Lemark M. Bautista,* ***Augusto E. Serrano, Jr****	G4.102
	11:20 – 11:40	Microanatomy of the digestive system in the striped acorn barnacle *Amphibalanus amphitrite* from Libong island, Thailand ***Romfa Kaewnuan****, *Chanyut Sudtongkong, Pornthep Wirachwong, Supparat Kong-Oh, Nattawut Charoenphon, Gen Kaneko, Piyamat Kongtueng, Kitiya Kongthong, Sinlapachai Senarat.*	G4.102
	11:40 – 12:00	Benfotiamine in high carbohydrate diet enhances growth and reproductive performance of the Asian native catfish *Clarias macrocephalus* ***Lemark M. Bautista****, *Barry Leonard M. Tumbokon, Mojena M.G. Plasus, Augusto E. Serrano, Jr*	G4.102
	12:00 – 13:00	**Lunch time**	**Foyer**
	Session 2: Aquatic animal nutrition and physiology		
	Chairperson: Dr. Pham Duc Hung and Dr. Sharifah Rahmah		
	13:00 – 13:20	Correlation of body weight and carapace length with gonadal maturity level of cultured female scalloped spiny lobsters (Panulirus homarus) in prigi bay ***Akhmad Taufiq Mukti****, *Beryl Shafwa Qorry Aina, Muhamad Amin, Ahmad Shofy Mubarak, Mhd Ikhwanuddin*	G4.102
	13:20 – 13:40	Revealing diets of wild-caught ornate spiny lobster, *Panulirus ornatus*, at early life stages using edna metabarcoding ***Muhamad Amin****, *Hussein Taha, Syifania Hanifah Samara, Anis Fitria, Nur Aini, Muslichah, Laila Musdalifah, Takaomi Arai*	G4.102
	13:40 – 14:00	Influence of different temperatures on growth, biomass, and total lipid content in *Thalassiosira weissflogii* **Muhammad Faiz Zakaria***, Noor Amanina Awang, Mohd. Effendy Abd. Wahid, Tomoyo Katayama, Malinna Jusoh*	G4.102

	14:00 – 14:20	Influence of frequency of feeding on food intake, growth and specific growth rates in two exotic freshwater fishes of India ***Ravichandra Reddy**** *and B.N. Vishwanath*	G4.102
	14:20 – 14:40	Comparative anesthetic efficacy of clove oil, alfaxalone, ketamine, lidocine, midazolam, and propofol for immersion anesthesia in Zebrafish *Danio rerio* ***Randy Manuel Galutan****	G4.102
	14:40 – 15:00	Utilization of microalgae, *Chlorella* sp. UMT LF2 for bioremediation of *Litopenaeus vannamei* culture system and harvesting using bio-flocculant, *Aspergillus niger* *Nurfarahana Mohd Nasir, Ahmad Jusoh,* ***Nor Azman Kasan****, Amyra Suryatie Kamaruzzan,* ***Wan Azlina Wan Abdul Karim Ghani****, Setyo Budi Kurniawan, Fathurrahman Lananan*	G4.102
	15:00 – 15:20	**Coffee time and Poster Presentation**	**Poster area**
	Session 2: Aquatic animal nutrition and physiology		
	Chairperson: Dr. Le Anh Tuan and Dr. Vu Anh Tuan		
	15:20 – 15:40	Palm kernel expeller (PKE) extract as a potential food for brine shrimp Artemia biomass production ***Krishnnappriyaa Gopi****, Asmidar Mohamad, Yeong Yik Sung*	G4.102
	15:40 – 16:00	Seaweed and clay powder in diets improve growth and health performance of tilapia ***Vu Anh Tuan****, Marie Gallissot, Nguyen Van Minh*	G4.102
	16:00 – 16:20	Effects of dietary methionine levels and temperatures on feed intake and neuropeptide expressions in juvenile cobia *Rachycentron canadum* ***Minh V. Nguyen****, Linh P. Pham, A-E.O. Jordal, M. Espe, L. Conceição, M. Yúfera, S. Engrola, M.H. Le, I. Rønnestad*	G4.102
	16:20 – 16:40	Substitution of fishmeal with black soldier fly larvae meal in Hoven's carp *Leptobarbus hoevenii* ***Sharifah Rahmah**** *and Hon Jung Liew*	G4.102
	16:40 – 17:00	Effects of natural polyphenol antioxidant Cabanin® CSD) on growth performance and stress resistance of Nile tilapia *Oreochromis niloticus* ***Tuan, V. V****., Karsten, C. K., Binh, V. T. T., and Hung, L.T.*	G4.102

ORAL PRESENTATION AT VENUE: G4.103

Date	Time (hrs.)	Oral presentation	Venue
The 1st day			
December 05th (Monday)	**Session 3: Aquatic animal health management**		
	Chairperson: Assoc.Prof.Dr. Tu Thanh Dung & Prof.Dr. Mohd Effendy Abd. Wahid		
	13:00 – 13:20	Diceratocephalidae infestation on *Cherax quadricarinatus* from a commercial farm in southern Peninsular Malaysia. ***Nor Azri Shah Bin Norhan****, *Marina Hassan, Mohd Ihwan Zakariah, Nor Asma Husna Yusoff, Farizan Abdullah, Wahidah Wahab, Ahmad Najmi Ishak, Norainy Mohd Husin and John Brian Jones*	G4.103
	13:20 – 13:40	The effect of organophosphate pesticides with different concentrations on the values of density, motility and viability of silver rasbora (*Rasbora argyrotaenia*) sperm. *Santika Dwi Christanti, Ahmad Shofy Mubarak,* ***Lailatul Lutfiyah****	G4.103
	13:40 – 14:00	Increased non-specific immune response of white shrimp (*Litopenaeus vannamei*) after administration of *Caulerpa racemosa* extract and *Vibrio parahaemolyticus* infection. ***Woro Hastuti Satyantini****, *Zulfina Ausia, Gunanti Mahasri, Akhmad Taufiq Mukti, Alim Isnansetyo, Rozi, Alvira Febrianti Pratiwi*	G4.103
	14:00 – 14:20	Correlation between stock density with glucose and cortisol in cantang grouper (*Epinephelus fuscoguttatus x Epinephelus lanceolatus*) maintained in ponds as a stress indicator. *Alfian Rahmadhani Satria Hani Saputra,* ***Laksmi Sulmartiwi****, and Sapto Andriyono*	G4.103
	14:20 – 14:40	Molecular detection of t4- like myoviruses in marine sponges, *Xestospongia* sp. and *Aaptos* sp. from Terengganu Islands, Malaysia *Logajothiswaran Ambalavanan, Nurul Anis Mohd Nasir, Normala Yaslikan, Emylia Harriet Stevens,* ***Sandra Catherine Zainathan*****, *Shumpei Iehata*	G4.103
	14:40 – 15:00	Bacterial community and predicted functions associated with marine sponges *Aaptos suberitoides* and *Xestospongia testudinaria* ***Yuki Hayami****, *Logajothiswaran Ambalavanan*[1], *Sandra C. Zainathan*[2], *Muhd Danish-Daniel, Noor E. Sharifah, Shumpei Iehata*	G4.103
	15:00 – 15:20	**Coffee break and Poster Presentation**	**Poster areas**

	Session 3: Aquatic animal health management		
	Chairperson: Dr. Dang Thi Sao Mai and Assoc. Prof. Dr. Sandra Catherine Zainathan		
	15:20 – 15:40	Synbiotic Effects Of Chitosan And Acinetobacter KU011TH Mixture On Growth Performance, Immune-Responses And Disease Resistance Against *Aromonas hydrophila* Of Hybrid Catfish (*Clarias gariepinus* × *C. macrocephalus*). ***Pisey Say****, *Sukkrit Nimikul and Prapansak Srisapoome*	G4.103
	15:40 – 16:00	Comparative Gill Structure Between *Episesarma Versicolor* and *E. Singaporense* From Thailand ***Thananporn Jitpakdee****, *Pornthep Wirachwong, Supparat Kong-Oh, Wannee Jiraungkoorskul, Gen Kaneko, Sinlapachai Senarat, Atsuo lida, Chanyut Sudtongkong*	G4.103
	16:00 – 16:20	Plankton based communities stucture from tiger shrimp *Penaeus monodon* culture pond of Kuala Sanglang, Kedah, Malaysia ***Hidayah Manan****, *Nor Azman Kasan, Mohamad Siti Jalilah, Mhd Ikhwanuddin, Fazlan Fauzan, Kenneth Chew, Adnan Amin-Safwan*	G4.103
	16:20 – 16:40	Effects Of Host Associated Probiotics And Commercial Probiotic On Growth Performance, Biochemical Composition, Gut And Muscle Histomorphology, And Disease Resistance Of Malaysian Mahseer, *Tor tambroides*, Early Juveniles ***Mohammod Kamruzzaman Hossain*****, *Sairatul Dahlianis Ishak, Shumpei Iehata, NoorDiyana Mat Noordin, Md. Abdul Kader, Mohammad Asmat Ullah, Sharifah Noor Emilia, Yeong Yik Sung, Ambok Bolong Abol-Munafi*	G4.103
	16:40 – 17:00	Effect Of Host Size On The Prevalence Of *Probopyrus* sp. On *Macrobrachium* spp And Their Morphological Description From Nyatoh River, Terengganu. ***Nur Nadhirah Mohd Niza****, *Wahidah Wahab, Farizan Abdullah, Mohd Ihwan Zakariah, Nor Asma Husna Yusoff, Marina Hassan*	G4.103
	17:00 – 17:20	Helminth Parasites In Short – Bodied Mackerel (*Rastrelliger Brachysoma*), Indian Mackerel (*R. kanagurta*) And Bigeye Scad (*Selar crumenophthalmus*) From Small Fishing Boats, Songkhla, Southern Thailand ***Nirattisai Petchsupa****, *Atitaya Semchuchud*	G4.103

The 2nd day			
December 06th (Tuesday)	**Session 3: Aquatic animal health management**		
	Chairperson: Dr. Nguyen Thi Anh Thu and Prof. Dr. Alim Isnansetyo		
	08:00 – 08:20	Study On Skeletal Deformities In Triped Catfish (*Pangasianodon hypophthalmus*): A Morphological Description ***Nguyen Phuc Thuong****	G4.103
	08:20 – 08:40	Green-Synthesis And Characterization Of Gold Nanoparticles (AuNPs) Using Polychaetes (Marine Worms), *Maryphysa moribidii*, As Reducing Agents And Assessment Of Its Antimicrobial Efficacy Against *Vibrio parahaemolyticus* ***Mohamad Sofi Abu Hassan***, Nurul Ashikin Elias, Marina Hassan, Noor Aniza Harun*	G4.103
	08:40 – 09:00	Comparative Anesthetic Efficacy Of Clove Oil, Alfaxalone, Ketamine, Lidocaine, Midazolam, And Propofol For Immersion Anesthesia In Zebrafish (*Danio rerio*) ***Randy Manuel Galutan****	G4.103
	09:00 – 09:20	Screening Of Herbs Against Fish Pathogen Bacteria ***Wan Muhammad Izzat Amir Wan Mustafa****, Idris, S. M, Mansor, N. N. B	G4.103
	09:20 – 09:40	Field Efficacy Of Garlic (Garlex) And Piper Betel (Sirehmax™) Extract Against Vibriosis In Asian Seabass ***Mohamad Faisal Fahmi Bin Jafrei***, Shaharah, M. I., M Firdaus-Nawi, M.*	G4.103
	09:40 – 10:00	**Coffee break & Poster Presentation**	**Poster area**
	Session 3: Aquatic animal health management		
	Chairperson: Assoc.Prof.Dr. Vu Khac Hung and Asst. Prof. Dr. Tony Budi Satriyo		
	10:00 – 10:20	Field Vaccination With Palm Oil Adjuvanted Feed-Based *Streptococcus agalactiae* Bacterin Protects Tilapia From Streptococcosis ***Mohd Syafiq Mohammad Ridzuan***, Azila Abdullah, Norazsida Ramli, Hanan Mohd Yusof, Mohd Firdaus-Nawi*	G4.103
	10:20 – 10:40	Preliminary Study On Oral Administration Of Na-Alginate And Multivitamin To Improve The Non-Specific Immune System In Red Tilapia *Muhammad Fauzi Azhari, Ridho Nasih Adi Kurniawan,* ***Alim Isnansetyo****	G4.103
	10:40 – 11:00	Feeding pellet enriched with bacteria over-producing Heat shock proteins (Hsps) modulates the synthesis of mRNA encoding immune-related proteins in White leg shrimp, *Penaeus vannamei* juvenile ***Saranya Sinnasamy****, Noordiyana Mat Noordin, Muhd Danish Daniel Muhammad, Yeong Yik Sung*	G4.103

	11:00 – 11:20	Ozone Gas Exposure Effects On Vibrio Load In The Brine Shrimp Artemia ***Asmidar Mohamad****, *Yeong Yik Sung*	G4.103
	11:20 – 11:40	Lymphocystis Disease Virus Infection on Orange Clownfish *Amphiprion percula* in Batam, Indonesia Murwantoko ***Murwantoko****, *Endang Wijayanti, Sri Agustatik, Harshelly Valianti, Lalla Kumala Yulanda, Nur Lailatul Fitrotun Nikmah*	G4.103
	11:40 – 12:00	Comparative Health Analysis Between *Limnogonus sp*. And *Alpheus sp*., As Sentinel Species From The Seagrass Meadows, Libong Island, Thailand ***Nisreen Dahlan****, *Chanyut Sudtongkong, Pornthep Wirachwong, Supparat Kong-Oh, Narit Thaochan, Ezra Mongkolchaichana, Nattawut Charoenphon, Gen Kaneko, Piyamat Kongtueng, Sinlapachai Senarat*	G4.103
	12:00 – 13:00	**Lunch break**	**Foyer**
	Session 3: Aquatic animal health management		
	Chairperson: Dr. Vu Dang Ha Quyen and Dr. Shumpei Iehata		
	13:00 – 13:20	Detection Of Viral Nervous Necrosis (VNN) Disease In Asian Seabass (*Lates Calcarifer*) In At East Coast Area Of Malaysia ***Muhammad Safwan bin Khairul Asri****, *Azila, A., Firdaus-Nawi, M., Shaharah, M. I., Nur-Nazifah, M.*	G4.103
	13:20 – 13:40	Identification Of B-Cell And T-Cell Epitopes Of The Betandodavirus Capsid Protein Through Immunoinformatics Tools ***Hazreen Nita Mohd Khalid****, *Azzmer-Azzar A.A, Nur-Nazifah M. and Azila A.*	G4.103
	13:40 – 14:00	Molecular Epidemiology Of Megalocytivirus In Freshwater Angelfish (*Pterophyllum scalare*) From Malaysia ***Che Azarulzaman Che Johan****, *Muhd Danish Daniel Abdullah, Sharifah Noor Emilia Syed Jamil Fadaak, Sandra Catherine Zainathan*	G4.103
	14:00 – 14:20	Isolation And Identification Of Bacteria Isolated From Nile Tilapia (*Oreochromis niloticus*) And Tropical Catfish (*Hemibagrus nemurus)* In Terengganu, Malaysia ***Mei Rifqi Mursyidah****, *Mohd Naqib Azfar Mohd Roslan, Hasrul Hizat Hassin, Norraidah AbdAzif, Nasrenim Suhaimin, Mulham Alfatama, Hassan Sheikh Ibrahim, Laith A. Abdulrazzak,Nurul Aqilah Iberahim, Nadirah Musa, Lee Kok Leong, Najiah Musa*	G4.103
	14:20 – 14:40	Disinfection of rotifer, *Brachionus plicatilis*, leading to bacteria-free populations using SirehMAXTM solution. ***Nur Fatin Afifah Osman Manah****, *Shaharah Mohd Idris, Azila Abdullah, Nur Nazifah Mansor*	G4.103

	14:40 – 15:00	Antimicrobial Activity Of Garlic Juice Extract Against Freshwater Fish Bacteria Isolated From Cage Cultured *Pangasius hypophthalmus* And *Oreochromis spp*. ***S. Syafiq-Syauqi****, *M Nur-Nazifah, Shaharah, M., I., Firdaus Nawi, M.*	G4.103
	15:00 – 15:20	**Coffee break and Poster Presentation**	**Poster area**
	Session 3: Aquatic animal health management		
	Chairperson: Dr. Ha Thanh Dong and Prof. Dr. Murwantoko		
	15:20 – 15:40	Understanding the effects of salinity and *Vibrio harveyi* on the gut microbiota profiles of *Penaeus vannamei* ***Zulaikha Mat Deris****, *Shumpei Iehata, Han Ming Gan, Mhd Ikhwanuddin, Musa Najiah, Md Asaduzzaman e, Wang Min, Liang Yantao, Muhd Danish-Daniel, Yeong Yik Sung, Wong Li Lian*	G4.103
	15:40 – 16:00	The first description of histopathology of Lates calcarifer herpesvirus (LCHV) infection in barramundi (*Lates calcarifer*) ***Mai Dang****, *Tran Duc Dien*[*], *Ut Phan Van, Vo Thi Ha, Vu Viet Dung, Nguyen Trinh Duc Hieu, Viet Cuong Hua, Nguyen Thi Kim Hue, Nguyen Thi Thu Giang, Vu Huu Trương, Ha Thanh Dong*	G4.103
	16:00 – 16:20	Isolation and characterization of bacterial infection hemorrhagic disease on asian swamp eel (*Monopterus albus* Zuiew, 1793) in the mekong delta, Vietnam ***Thanh Si Nguyen****, *Trung Bao Nguyen, Khoi Minh Le, Dung Thanh Tu*	G4.103
	16:20 – 16:40	Dereplication of antivibrio compounds from *Nocardiopsis spp.* and in silico analysis targeting LuxT of *Vibrio parahaemolyticus* ***Noer Kasanah*****,** *Maria Ulfah, David C. Rowley*	G4.103

ORAL PRSENTATION AT VENUE: G4.104

Date	Time (hrs.)	Oral presentation	Venue
The 1st day			
December 05th (Monday)	**Session 4: Genetics and Breeding**		
	Chairperson: Assoc.Prof.Dr. Nguyen Phu Hoa and Assoc. Prof. Dr. Tan Min Pau		
	13:00 – 13:20	Comparative studies on the breeding behaviour and its relevance in culture practices of two introduced *Cichlids* ***Shubha M**** *and S Ravichandra Reddy*	G4.104
	13:20 – 13:40	Effect of body size and wild or induced mating on the reproductive performances of females of orange mud crab, *Scylla olivacea* (Herbst, 1796) ***Mohammad Asmat-Ullah****, *Khor Waiho, Hanafiah Fazhan, Mohd Husin Norainy, Sk Ahmad Al Nahid, Hongyu Ma, Mhd Ikhwanuddin*	G4.104
	13:40 – 14:00	Exposure to extreme temperature at the post- larval stage causes masculinization of Guppy (*Poecillia reticulata*) *Andita Rahelia, Ignatius Hardaningsih, and* ***Dini Wahyu Kartika Sari****	G4.104
	14:00 – 14:20	First breeding program of the Portuguese oyster *Crassostrea angulata* demonstrated significant selection response in traits of economic importance ***Sang V. Vu****, *Wayne Knibb, In V.Vu, Wayne O'Connor, Michael Dove, Nguyen Hong Nguyen*	G4.104
	14:20 – 14:40	Length-weight relationships and reproductive aspects of golden snapper, *Lutjanus johnii* in Terengganu waters, Malaysia *Rahman Md. M, M, Ariffin N. Asma, Giat S. Ying, Bakar A. Abu, Jaafar T. N. A. Mat, Min P. Tan, Nor S. A. Mohd, Ghaffar M. Abd., Arai Takaomi,* ***Habib Ahasan****	G4.104
	14:40 – 15:00	Propagation of red sea grape, *Botryocladia sp.* (*Rhodophyta*, tissue culture) by tissue culure ***Penpitcha Kimtin****, *Rapeeporn Ruangchuay, Patchara Maeroh*	G4.104
	15:00 – 15:20	**Coffee break and Poster Presentation**	**Poster areas**
	Session 4: Genetics and Breeding		
	Chairperson: Dr. Do Huu Hoang and Asst. Prof. Desy Putri Handayani		
	15:20 – 15:40	Using ultrasound images as a tool for determining sex of striped catfish (*Pangasianodon hypophthalmus*) ***Hoa P. Nguyen****, *Linh N.T. Bui, Trong T. Tran*	G4.104
	15:40 – 16:00	Gonadal differentiation, expression and localization of Wnt4 in the hermaphroditic grouper *Epinephelus epinephelus* ***Long Ba Dam**** *and Ching-Fong Chang*	G4.104
	16:00 – 16:20	Sexual dimorphism and reproductive biology of *Cephalocassis borneensis* (Siluriformes: *Ariidae*) in the Mekong river ***Ngoc Son Le**** *and Thuy Yen Duong*	G4.104

	16:20 – 16:40	Primary pituitary cell culture as a tool to estimate the bioactive levels of Luteinizing Hormone and expression variation of Gonadotropin Releasing Hormone Receptor at developing gonadal stages of Chub mackerel ***Sanny David Pacheco Lumayno****, Hirofumi Ohga, Sethu Selvaraj, Mitsuo Nyuji, Akihiko Yamaguchi, Michiya Matsuyama*	G4.104
	16:40 – 17:00	Species and genetic diversity of *Labiobarbus genus* in the Mekong delta ***Damien Habinshuti****, Ngoc-Tran Thi Nguyen, Thuy-Yen Duong*	G4.104
	17:00 – 17:20	Genetic diversity and population structure of the giant mottled eel, *Anguilla marmorata* in Central Vietnam ***Tuan A. Nguyen****, Hoc T. Da, Quang T. Hoang, Thanh D. Nguyen, Seishi Hagihara, P. Mark Lokman, Erin L. Damsteegt*	G4.104
The 2nd day			
December 06th (Tuesday)	**Session 4: Genetics and Breeding**		
	Chairperson: Assoc.Prof.Dr. Dang Thuy Binh and Dr. Mimi Iryani Mat Taib		
	08:00 – 08:20	Genetic variation of domesticated discus (*Symphysodon spp*.) *Tian T. Ng, Yeong Y. Sung, Muhd Danish-Daniel, Patrick Sorgeloos, Yves V. de Peer, Li L. Wong,* ***Min P. Tan****	G4.104
	08:20 – 08:40	Preliminary assessment of *Crassostrea sp*. genetics from Northern Peninsular Malaysia ***Syamim Balqis Shamsul Bahari**** *and Norainy Mohd Husin*	G4.104
	08:40 – 09:00	Revealing the hidden diversity of marine brown algal genus *Lobophora* (*Dictyotaceae*) from the gulf of Thailand ***Anirut Klomjit**** and *Narongrit Muangmai*	G4.104
	09:00 – 09:20	Molecular Taxonomy of fish community in a mangrove hotspot of Southeast Asia ***SitiAzizah Mohd. Nor****, Danial Hariz Zainal Abidin, Sébastien Lavoué , Masazurah A. Rahim, Noorul Azliana Jamaludin, Noor Adelyna Mohammed Akib*	G4.104
	09:20 – 09:40	Molecular identification of *Kappaphycus* species collected in Iloilo and Romblon ***John Rey T. Rasgo****, Jonalyn P. Mateo, Rema C. Sibonga, Victor Marco Emmanuel N. Feriols, Anicia Q. Hurtado, Maria Rovilla J. Luhan*	G4.104
	09:40 – 10:00	**Coffee break & Poster Presentation**	**Poster area**
	Session 4: Genetics and Breeding		
	Chairperson: Dr. Nguyen Van Huy and Prof.Dr.Siti Azizah Mohd Nor		
	10:00 – 10:20	A revised genus-level classification of the Glassperch family *Ambassidae* (Teleostei) using genetic markers ***Siti Zafirah Ghazali****, Sébastien Lavoué, Tan Min Pau, Siti Azizah Mohd Nor*	G4.104

	10:20 – 10:40	Distinct COI sequences between freshwater and brackish population revealed two possible cryptic of *Plotosus canius* (HAMILTON, 1822) ***Nhu-Y Thi Nguyen**** *and Thuy-Yen Duong*	G4.104
	10:40 – 11:00	Molecular identification of silver-barb (*Barbonymus sp.*) based on COI and CYT-B gene region from East Java *Mutiara Rahmawati, Akhmad Taufiq Mukti,* ***Sapto Andriyono****	G4.104
	11:00 – 11:20	The complete mitochondrial genomes *of Pangasius nasutus* and *P. conchophilus*: Insight into their structural features and phylogenetic implications ***Siti Amalia Aisyah Abdul Halim****, Yuzine Esa and Siti Azizah Mohd Nor*	G4.104
	11:20 – 11:40	MtDNA CYT-B revealed no genetic difference between geographically distant populations of *Pangasius conchophilus* in the Mekong river ***Ngoc-Tran Thi Nguyen****, Thuy-Yen Duong*	G4.104
	11:40 – 12:00	Cytogenetic of Whipfin mojarra (*Gerres filamentosus*) from Pattani, Thailand ***Napapun Sama-e****, Sitthisak Jantarat, Sukree Hajisamae, Alongkod Tanomtong, Nattasuda Donbundit*	G4.104
	12:00 – 13:00	**Lunch break**	**Foyer**
	Session 4: Genetics and Breeding		
	Chairperson: Assoc.Prof.Dr. Pham Thanh Liem and Dr. Sapto Andriyano		
	13:00 – 13:20	First near complete Mitogenome of the *Rhizocephalan parasite, Sacculina beauforti*. ***Gusti-Afiz G.R.N.*,*** *Fazhan H., Ikhwanuddin M., and Waiho K.*	G4.104
	13:20 – 13:40	HSP70 knockdown and its effect on gene transcript expression of the white-leg shrimp *Penaeus vannamei* ***Nurul Aifaa Azman****, Mhd Ikhwanuddin, Yeong Yik Sung*	G4.104
	13:40 – 14:00	Phenotypic and transcriptomic responses of the black tiger shrimp *Penaeus monodon* postlarvae to varying dietary K-Carrageenan inclusions ***Yashier U. Jumah**** *and Augusto E. Serrano Jr.*	G4.104
	14:00 – 14:20	Elucidating the functions of Heat Shock Protein 70 in the brine shrimp *Artemia franciscana* using RNAi ***Mimi Iryani Mat Taib****, Thomas H. MacRae, Yeong Yik Sung*	G4.104
	14:20 – 14:40	Molecular detection of Phycodnaviruses using DNA Polymerase B (Pol B) gene from sponge species and seawater surrounding Terengganu islands ***Logajothiswaran Ambalavanan****, Shumpei Iehata and Sandra Catherine Zainathan*	G4.104
	14:40 – 15:00	New report: Revealing biosynthetic gene cluster of marine bacterium, *Pseudoalteromonas viridis* BBR56 ***Desy Putri Handayani****, Alim Isnansetyo, Indah Istiqomah*	G4.104
	15:00 – 15:20	**Coffee break and Poster Presentation**	**Poster area**

	Session 4: Genetics and Breeding		
	Chairperson: Dr. Nguyen Van Huy and Dr. Sapto Andriyano		
	15:20 – 15:40	TRPM2 channels detects aquatic pollutants in Zebrafish (*Danio rerio*) ***Ha Nam Tran****, *Hoa Thi Truong, Tran Quang Khanh Van, Ho Thi Tung, Nguyen Duy Quynh Tram*	G4.104
	15:40 – 16:00	Development of Enzyme Linked Immunosorbent Assay (ELISA) for VNN detection in *Oreochromis spp.* ***Irfan-Hakimi****, *R, Azila Abdullah, Nur-Nazifah, M, Firdaus-Nawi, M, Hazreen-Nita, M*	G4.104
	16:00 – 16:20	Reproductive development and spawning induction of spotted scat *Scatophagus argus* (Linnaeus, 1766) in captivity ***Nguyen Van Huy****, *Le Thi Thu An, Nguyen Khoa Huy Son, Nguyen Duc Thanh*	G4.104

ORAL PRSENTATION AT VENUE: G4.105

Date	Time (hrs.)	Oral presentation	Venue
The 1st day			
December 05th (Monday)	**Session 5: Fishing and fishery technology, policy and law, aquatic resources and environmental management, biodiversity and climate change**		
	Chairperson: Dr. Dinh Van Khuong and Dr. Emienour-Muzalina Mustafa		
	13:00 – 13:20	Effect of climate change on aquaculture production ***Dinh V. Khuong****	G4.105
	13:20 – 13:40	Diet composition of billfish by-catch in the east coast of peninsular Malaysia ***Mohamed Shahrul Daniel bin Hamzah****, *Rashidah Abdul Razak, Juliana Moham, Muhammad Zahir Ramli, Muhammad Faiz Pa'suya, Rahimi Abdul Rahman, Fikriah Faudzi, Aimimuliani Adam**	G4.105
	13:40 – 14:00	Metagenomics analysis of bacterial diversity from the water and sludge of Pahang river *Nadia Sabrina Afandi, **Firdaus-Nawi, M.****, *Najatul Su Ad Abdullah, Rimatulhana Ramly*	G4.105
	14:00 – 14:20	Blue economy: Valuing carbon potential in Oyster aquaculture ***Sang Vu Van****, *Cao Truong Giang, Vu Van In, Wayne O'Connor, and Sarah C. Ugalde*	G4.105
	14:20 – 14:40	Hoven's carp *Leptobarbus hovenii* remodelled gill phenotypic to cope with climate change scenario ***Liew Hon Jung****, *Suhaini Mohamad, Sharifah Rahmah*	G4.105
	14:40 – 15:00	Study of heavy metals bioaccumulation mercury (hg) and tin (sn) in traditional seaweed (*Caulerpa racemosa*) cultivation at Brondong, Lamongan ***Sapto Andriyono****, *R. Dimar Herfano Akbar, Nina Nurmalia Dewi, Boedi Setya Rahardja, Lailatul Lutfiyah, Luthfiana Aprilianita Sari*	G4.105
	15:00 – 15:20	**Coffee break and Poster Presentation**	**Poster areas**
	Session 5: Fishing and fishery technology, policy and law, aquatic resources and environmental management, biodiversity and climate change		
	Chairperson: Assoc.Prof.Dr. Tran Minh Phu and Dr. Encarnacion Emilia S. Yap		
	15:20 – 15:40	Biological and physical characterization of the Nipa palm ecosystem ***Lorena F. Aquino****, *Raul V. Dela Peña, Jennie B. Fernandez, Emmanuel Federico C. Capinpin, Jr.*	G4.105
	15:40 – 16:00	Investigation on the occurrence of polychaeta larvae in Ca Mau mangrove habitats ***Phung Ly****, *Ut .N. Vu*	G4.105
	16:00 – 16:20	Bioaccumulation of trace elements in Mullet fish from Southern coast of Yogyakarta, Indonesia ***Tony Budi Satriyo****	G4.105
	16:20 – 16:40	Effect of combination nitrogen enrichment with different pH level on growth of microalgae, *Chlorococcum* sp. ***Mustafa Emienour-Muzalina****, *Mohd Musir Nur*	G4.105

	16:40 – 17:00	Gender mapping in Philippine fisheries: Exposing the hidden backbone of the Philippine sardine industry *Ariel S. Sefil, **Encarnacion Emilia S. Yap***, *Harold M. Monteclaro, Ernestina M. Peralta, Ruby P. Napata, Tabitha Ann Famatid*	G4.105
	17:00 – 17:20	Estimation of albacore tuna potential fishing zones in the Southeastern Indian Ocean *Suciadi C. Nugroho, **Riza Y. Setiawan***, *Djumanto, Susilo B. Priyono*	G4.105
The 2nd day			
December 06th (Tuesday)	**Session 5: Fishing and fishery technology, policy and law, aquatic resources and environmental management, biodiversity and climate change**		
	Chairperson: Dr. Ha Thanh Dong and Dr. Yeny Nadira Kamaruzzaman		
	08:00 – 08:20	The development and validation of a length-based harvest control rule to manage data-poor fisheries ***Kanno Hayato*****,** *Matsuishi Takashi Fritz*	G4.105
	08:20 – 08:40	A comparison of catch efficiency and bycatch reduction of tuna handline fishery using j-shaped tuna hook (j-hook) and circle-shaped hook (c-hook) in Vietnam ***Khanh Q. Nguyen****, *Binh V. Nguyen, Huyen T. Phan, Luong T. Nguyen, Phuong V. To and Hao V. Tran*	G4.105
	08:40 – 09:00	Ichthyofauna of Setiu Wetlands, Terengganu, Malaysia and its adjacent marine water *Noorhani Syahida Kasim, Siti Azizah Mohd Nor, Nuralif Fakhrullah Mohd Nur, Danial Hariz Zainal Abidin, Masazurah A. Rahim, Noorul Azliana Jamaludin, **Tun Nurul Aimi Mat Jaafar****	G4.105
	09:00 – 09:20	Dose movement of cultured substratum effect on the biomass of green caviar seaweed, *Caulerpa lentillifera* *Manthana Donnoklai, **Rapeeporn Ruangchuay***, *Saweit Chaimongkol, Nuttapong Bovornruangroj*	G4.105
	09:20 – 09:40	Towards building sustainability of a community managed mangrove protected area in the Verde Island Passage, Philippines ***Mario A. Cudiamat****	G4.105
	09:40 – 10:00	**Coffee break & Poster Presentation**	**Poster area**
	Session 5: Fishing and fishery technology, policy and law, aquatic resources and environmental management, biodiversity and climate change		
	Chairperson: Dr. Do Huu Hoang and Dr. Rapeeporn Ruangchua		
	10:00 – 10:20	Elevated sea surface temperature reduce the rastrelliger kanagurta potential fishing grounds in the Malaysia's exclusive economic zone (EEZ) ***Yeny Nadira Kamaruzzaman**** *& Muzzneena Ahmad Mustapha*	G4.105
	10:20 – 10:40	Land use change by damming activities influences the water quality and ichthyofauna distribution of a small tropical river in Malaysia ***Shazana Sharir****, *Azhari Mohamad, SZakeyuddin, Farah Ayuni Farinordin, Nurfatin Zulkipli, Abdullah Samat, Amir Shah Ruddin and Shukor Md. Nor*	G4.105

	10:40 – 11:00	DNA barcoding study of shelled gastropods in the intertidal rocky coasts of Terengganu, Malaysia *Nur Ilham Syahadah Mohd Yusoff, Izwandy Idris, Azwarina Mohd Azmi Ramasamy, Han Ming Gan, Nursalwa Baharuddin,* ***Min Pau Tan****	G4.105
	11:00 – 11:20	Effect of different transportation strategies on the daily growth rate, bacterial count, and phenotypic characteristics of *Kapapphycus* species *Ma. Ryndellyn T. Cabanas,* ***Jonalyn P. Mateo****, Anicia Q. Hurtado, Maria Rovilla J. Luhan*	G4.105
	11:20 – 11:40	Mangrove composition, ecosystem services and management practices in Barangay Buenlag, Binmaley, Pangasinan, Philippines *Geronimo R. Rosario, Lorena Felix-Aquino,* ***Jennie B. Fernandez****, Rosie S. Abalos[1] and Kristine E. Tamayo*	G4.105
	11:40 – 12:00	Complete mitochondrial genomes of peacock eel (*Macrognathus siamensis*) and phylogenetic relationships among synbranchiformes *Oanh T. Truong, Sang Q. Tran,* ***Binh T. Dang****	G4.105
	12:00 – 13:00	**Lunch break**	**Foyer**
	Session 5: Fishing and fishery technology, policy and law, aquatic resources and environmental management, biodiversity and climate change		
	Chairperson: Dr. Ha Thanh Dong and Dr. Supat Khongpuang		
	13:00 – 13:20	Width-weight relationship analysis of blue swimming crab (*Portunus pelagicus*) instar in Bantayan Island, Cebu, Philippines ***Brandon Briggs****	G4.105
	13:20 – 13:40	Litter decay and nutrient discharge in mangroves, with significant assistances of microbes and detritivores on ecosystem functions *Mohammad Ahsanul Islam,* ***Abu Hena Mustafa Kama****, Mohd Hanafi Idris, Wan Mohd Rauhan Wan Hussin, Md Khurshid Alam Bhuiyan, Muhammad Shareifuddin Mohd Sukeri, Md Masum Billah*	G4.105
	13:40 – 14:00	Mitochondrial genome-wide analysis: Phylogenetic network and divergent timeline of pangasiidae *Sang Q. Tran, Oanh T. Truong, Quyen D.H. Vu,* ***Binh T. Dang****	G4.105
	14:00 – 14:20	Reproductive aspect of the coastal trevally *Turrum coeruleopinnatum* From Terengganu Waters, South China Sea, Malaysia ***Muhammad Hanif Fadzli****, Tun Nurul Aimi Mat Jaafar, Nuralif Fakhrullah Mohd Nur, Mohd Sharol Ali, Min Pau Ta, Rumeaida Mat Piah*	G4.105
	14:20 – 14:40	Some aspects on reproductive biology of female mud crab, *Scylla olivacea*, from two different localities in the Southern Region Of Thailand ***Husneya Rensep****, Sukree Hajisamae, Yutaka Takeuchi, Sofiyudin Maae, Sitthisak Jantarat, Supaporn Saengkaew*	G4.105

	14:40 – 15:00	Molecular identification of anchovy species (*teleostei: engraulidae*) in Peninsular Malaysia ***Sébastien Lavoué****, *Harutaka Hata, Siti Amalia Aisyah Abdul Halim, Jamsari Amirul Firdaus Jamaluddin, Sahat Ratmuangkhwang, Siti Azizah Mohd Nor, Noor Adelyna Mohammed Akib, Zarul Hazrin Hashim*	G4.105
	15:00 – 15:20	**Coffee break and Poster Presentation**	**Poster area**
	Session 5: Fishing and fishery technology, policy and law, aquatic resources and environmental management, biodiversity and climate change		
	Chairperson: Dr. Truong Quoc Thai and Assoc. Prof. Dr. Abu Hena Mustafa Kamal		
	15:20 – 15:40	Factors affecting feeding characteristics orange mud crab, *Scylla olivacea* in Pattani Bay, Thailand ***Sofiyudin Maae****, *Sukree Hajisamae, Pornpimon Chuaduangpui, Husneya Rensep, Saweit Chaimongkol*	G4.105
	15:40 – 16:00	Abundance and distribution of four-fingered threadfin fish, *Eleutheronema tetradactylum* and its relationship with other fish species in Pattani Bay, Thailand ***Teuku Haris Iqbal****, *Sukree Hajisamae, Apiradee Lim, Sitisak Jantarat, Wen-Xiong Wang, Karl W. K. Tsim*	G4.105
	16:00 – 16:20	Species diversity of Echinoderm in Pattani Bay, Thailand ***Jitima Suwanmala****, *Supat Khongpuang, Amarin Thongwaan, Sofiyudin Maae*	G4.105
	16:20 – 16:40	Species composition, abundance, distribution, and diversity of seaweeds in Banate, Iloilo *Allen Patrick Araneta,* ***Jonalyn P. Mateo****, Anicia Q. Hurtado, Maria Rovilla J. Luhan*	G4.105
	16:40 – 17:00	Carbon sequestration in seagrass bed: A case study in Tangkhem Bay, Phuket, Thailand ***Supat Khongpuang****, *Fadeelah Saewaeng, Suphasit Bunphienphon, Peeradon Kirdpol, Supat Khongpuang*	G4.105
	17:00 – 17:20	Carrageenan qualities of different farmed kappaphycus variants in San Dionisio, Iloilo *Yessamin T. Lebaquin,* ***Jonalyn P. Mateo****, Anicia Q. Hurtado*	G4.105

ORAL PRESENTATION AT VENUE: HALL 1

Date	Time (hrs.)	Oral presentation	Venue
The 1st day			
December 05th (Monday)	**Session 6: EAFTA: Seafood processing technology, food safety and security, fisheries socio-economics and management**		
	Chairperson: Assoc.Prof.Dr.Mai Thi Tuyet Nga and Prof.Dr.Mochammad Amin Alamsjah		
	13:00 – 13:20	Antibacterial activity of protein hydrolysate from Snakehead fish by-product against biogenic amine producing bacteria ***Masagus M. P. Putra****, *Venny Agustin, Giffarri Ahsan, Muhammad Y. Al-Hammam, Indun D. Puspita*	Hall 1
	13:20 – 13:40	Application of *Lactobacillus plantarum* 035 (s13) in the optimization and quality evaluation of fermented-dried boneless milkfish *Chanos chanos* ***June Rey A. Montajes****, *Susana M. Mercado, Ernesto V. Carpio, Katherine Ann C. Israel, Amado A. Angeles*	Hall 1
	13:40 – 14:00	Cytotoxic activity of halimeda tuna seaweed extract against lung cancer cells ***Amir Husni****, *Mohamad Gazali, Nurjanah, Zuriat, Fadzilah Adibah Abdul Majid, Rina Syafitri*	Hall 1
	14:00 – 14:20	Depuration of Bivalves for food safety ***Roslizawati Ab Lah****, *Sharifah Noor Emilia Syed Fadaak, Ummi Nazatun Amira Saiful Anuar, Noordiyana Mat Noordin*	Hall 1
	14:20 – 14:40	Development of biodegradable films based on seaweed hydrocolloids and gac pulp pectin using response surface methodology ***Thi Bich Thuy Tran****, *Thi To Uyen Dang, Dinh Khuong Nguyen, Van Quan Vương*	Hall 1
	14:40 – 15:00	Drivers affecting supply chain strategy - A case study of Vietnam's Pangasius export industry ***Nguyen Thi Tram Anh****, *Nguyen Thi Quynh Trang*	Hall 1
	15:00 – 15:20	**Coffee break and Poster Presentation**	**Poster areas**
	Session 6: EAFTA		
	Chairperson: Assoc.Prof.Dr. Nguyen Van Minh and Dr. Roslizawati Ab. Lah		
	15:20 – 15:40	Effect of ca^{2+}-nano starch-lutein on 3d printing properties and anti-oxidation of surimi: Mechanical properties and lutein release influence ***Gaoshang Li**** *Junqi Zhan, Zhiheng Hu, Jiayin Huang, Zijing Lu, Chunhong Yuan, Jianchu Chen, Yaqin Hu*	Hall 1
	15:40 – 16:00	Effect of holding time before freezing and frozen storage temperature on lipid deterioration of Herring muscle ***Huong Thi Thu Dang****, *Dandan Ren, Magnea G. Karlsdottir, Sigurjon Arason*	Hall 1
	16:00 – 16:20	Effect of iota carrageenan on the syneresis properties of mixed gels of iota and kappa carrageenan in presence of potassium ions ***Viet Tran Nu Thanh Bui****, *Bach T. Nguyen, Taco Nicolai*	Hall 1

	16:20 – 16:40	Effects of drying temperature on the sensory qualities of dried Bali Sardines (*Sardinella lemuru*) infused with herbs and spices ***Brandon Briggs C. Silvano****, *Maria Dulce L. Alibangbang*	Hall 1
	16:40 – 17:00	Effects of Oligochitosan produced by radiation technology on quality of sqiud (*Loligo chinensis*) during the preservation *Boi N. Vu, Trang M.T. Nguyen, Minh Q. Vu,* ***Van-Thi Nguyen****	Hall 1
	17:00 – 17:20	Evaluation of weight composition of Pangasius (*Pangasianodon hypophthalmus*) sizes 0,8-1kg, 1-1,2kg, and the efficiency of protein at various salt concentrations ***Nguyen Do Quynh****, *Le Thi Minh Thuy, Nguyen Van Muoi*	Hall 1
The 2nd day			
December 06th (Tuesday)	**Session 6: EAFTA**		
	Chairperson: Dr. Bui Tran Nu Thanh Viet and Dr. Eko Setyobudi		
	08:00 – 08:20	Employing grounded theory method to discover the relationship between governance and inclusiveness: An evidence from Vietnamese shrimp supply chain ***Tran Thuy Chi****, *Nguyen Thi Tram Anh, Nguyen Thi Kim Anh*	Hall 1
	08:20 – 08:40	Governance for promoting sustainable aquaculture development: A case study of Vietnam's Pangasius Industry *Nguyen Thi Kim Anh, Nguyen Thi Tram Anh,* ***Tran Thuy Chi****	Hall 1
	08:40 – 09:00	Investigate factors affecting the fermentation process of Kombucha tea from sea grapes *Caulerpa racemose* ***Minh-Hai T. Pham****, *Thanh-Hai T. Nguyen*	Hall 1
	09:00 – 09:20	Modelling climate change vulnerabilities of aquaculture supply chain applying system dynamics: A literature review ***Huynh Thi Ngoc Diep****	Hall 1
	09:20 – 09:40	Molecular identification of kappaphycus species collected in iloilo and romblon *John Rey T. Rasgo,* ***Jonalyn P. Mateo****, *Rema C. Sibonga, Victor Marco Emmanuel N. Feriols, Anicia Q. Hurtado, Maria Rovilla J. Luhan*	Hall 1
	09:40 – 10:00	**Coffee break & Poster Presentation**	**Poster area**
	Session 6: EAFTA		
	Chairperson: Dr. Pham Thi Minh Hai and Assistant Prof. Dr. Siti Ari Budhiyanti		
	10:00 – 10:20	Nutritional composition of the red seaweed *Gracilaria verrucosa* cultivated in Takalar Coast, South Sulawesi, Indonesia ***Kasmiati K.****, *Mufti H. Rahmi, Kejora H., Suriana L., Syahrul S., Nursinah A, Dwi E. Setiyawati, Metusalach M.*	Hall 1
	10:20 – 10:40	Forecasting number of tuna landing in Malaysia using Arima Model ***Aslina Nasir****	Hall 1

	10:40 – 11:00	Pharmacokinetic and elimination of florfenicol, doxycycline, amoxicillin in striped catfish (*Pangasianodon hypophthalmus*) ***Vinh Q. Pham****, *Thinh Q. Nguyen, Luan C. Nguyen, Phu M. Tran*	Hall 1
	11:00 – 11:20	Physico-chemical characteristics and antioxidant properties of reduced-salt fertemented green mussel (*Perna viridis*) *Maria France Q. De Vergara, Ernestina M. Peralta, Sharon N. Nuñal,* ***Lhumen A. Tejano****, *Jose P. Peralta*	Hall 1
	11:20 – 11:40	Preliminary analysis of factor influencing recreational fishing in Kuala Nerus, Terengganu ***Abdullah Mohamad****, *Mohd Uzair Rusli, Aslina Nasir, Shazana Sharir, Nur Fatihah Shaari*	Hall 1
	11:40 – 12:00	Processing of frozen fish balls product in UD. Family Food Gresik ***Brigitta Stella Audrynachristie****, *Dhena Celia Haryadi Puteri, Yunin Tias Triayusi Purbaningrum*	Hall 1
	12:00 – 13:00	**Lunch break**	**Foyer**
	Session 6: EAFTA		
	Chairperson: Assoc.Prof.Dr. Nguyen The Han and Assoc.Prof.Dr.Nor Fazliyana Mohtar		
	13:00 – 13:20	Proximate and metal in edible bivalves from Setiu Wetlands, Terengganu, Malaysia: Their beneficial and risk assessment ***Ummi Nazatun Amira Saiful Anuar****, *Roslizawati Ab Lah, Sharifah Noor Emilia Syed Faadak, Noordiyana Mat Noordin*	Hall 1
	13:20 – 13:40	Quality assurance in the frozen Yellow Tuna fin production process at PT Tridaya Eramina Bahari In North Jakarta ***Maxmiliana Graciela Mariskania Kraeng****, *Fadhila Rahmansyah Putra, Farid Rizki Amiru, Muhamad Amin S.Pi.*	Hall 1
	13:40 – 14:00	Seasonal and locational variations in different lipid classes of Pacific oyster (*Crassostrea gigas*) cultured in Khanh Hoa coast *Kakooza Derrick, Anh P.T. Tran,* ***Minh V. Nguyen****	Hall 1
	14:00 – 14:20	Socio-economic status of small-scale fishermen and their livelihood economy in Marang, Terengganu, Malaysia ***Alfian Zein****, *Miza Nursyazwin binti Shuamai*	Hall 1
	14:20 – 14:40	The effect of combination of Cinnamon and Mucilago amili on the sensoric properties of granule *Arthrospira platensis* *Maria D. Candraningsih, Aida W. Elmaghriba,* ***Nurfitri Ekantari****	Hall 1
	14:40 – 15:00	The effect of photooxidation during storage on the characteristics of flakes fortified with Arthrospira platensis carotenoid nanocapsules *Bagas Christiano Panjaitan and* ***Siti Ari Budhiyanti****	Hall 1
	15:00 – 15:20	**Coffee break and Poster Presentation**	**Poster area**

	Session 6: EAFTA		
	Chairperson: Dr. Tran Thi My Hanh and Dr. Aslina Nasir		
	15:20 – 15:40	The effect of repeated freezing-thawing on quality of tuna fish balls *Abu Bakar Jiwo Seto, Nurfitri Ekantari,* ***Prihati Sih Nugraheni****	Hall 1
	15:40 – 16:00	The muscle organization of *Episesarma Singaporense*, as an important searma crab from Thailand ***Phimolnard Chomchuen****, *Pornthep Wirachwong, Supparat Kong-Oh, Wannee Jiraungkoorskul, Gen Kaneko, Sinlapachai Senarat, Supapong Imsonpang, Atsuo lida, Chanyut Sudtongkong*	Hall 1
	16:00 – 16:20	Potential Application of Natural Hydroxyapatite (HAp) Derived from Fishery By-Products in Eco-Friendly Toothpaste Formulation ***Nor Fazliyana Mohtar****	Hall 1
	16:20 – 16:40	The effect of substituting wheat flour with a combination of milkfish bone flour (*Chanos chanos*) and seaweed flour (*Kappaphycus alvarezii)* on the characteristics of dried noodles *Insiyah Rizqiyanah,* ***Mochammad Amin Alamsjah****, and Dwi Yuli Pujiastuti*	Hall 1
	16:40 – 17:00	Quality index method schemes for sensory evaluation of fresh/chilled pompano (*Trachinotus blochii*) ***Nga T. T. Mai****, *Van A. Huynh, Sa T. Le*	Hall 1
	17:00 – 17:20	Prevention of lipid oxidation in dried round scad fillets by using natural antioxidant-containing extract from Voi leaf (*Cleistocalyx operculatus*) ***Xuan Duy Nguyen****, *Thi My Hanh Tran*	Hall 1

ORAL PRSENTATION AT VENUE: G6.104

Date	Time (hrs.)	Oral presentation	Venue
The 1st day			
December 05th (Monday)	**Session 7: Community outreach in fisheries and aquaculture**		
	Chairperson: Assoc.Prof.Dr. Le Kim Long and Assoc.Prof.Dr. Mohd Hanafi Idris		
	13:00 – 13:20	Farmer's decision to participate in aquaculture cooperatives and farming clusters in Vietnam: a study of small-scale shrimp farming ***Quyen T. K. Nguyen****, *Hien V. Huynh, Nhan Q. Tran*	G6.104
	13:20 – 13:40	Governance for promoting sustainable aquaculture development: a case study of Vietnam's pangasius industry *Nguyen Thi Kim Anh, Nguyen Thi Tram Anh,* ***Tran Thuy Chi****	G6.104
	13:40 – 14:00	Status of fishery of Hilsa shad *Tenualosa ilisha* Hamilton,1822 in Wayar Chaung village, Ayeyarwady region ***Soe Soe Htwe****, *Cherry Aung, Thida Soe*	G6.104
	14:00 – 14:20	Interaction effect of rock lobster puerulus collectors on catch rates ***Anes Dwi Jayanti*,*** *Caleb Gardner, Rafael León, Emily Ogier, Ingrid van Putten*	G6.104
	14:20 – 14:40	A study on the mangrove ecosystem and its role in enhancing sesarmid crab fishery in Tanintharyi Region, Myanmar *Cherry Aung,* ***Thi Thi Htike****, *Mg Maung Wai Phyoe, Aung Aung Aye*	G6.104
	14:40 – 15:00	Lessons learned in implementing citizen science approach to estimate reef fish stock in Tun Mustapha Park, Sabah, Malaysia ***Raymie Nurhasan****, *B. Mabel Manjaji Matsumoto, Hilmi Mat Ghani, Muhammad Ulama, Mohd Omar Bural*	G6.104
	15:00 – 15:20	**Coffee break and Poster Presentation**	**Poster areas**
	Session 7: Community outreach in fisheries and aquaculture		
	Chairperson: Assoc.Prof.Dr. Le Kim Long and Assoc.Prof.Dr. Mohd Hanafi Idris		
	15:20 – 15:40	Measuring the sustainability of coastal tourism and fisheries nexus in selected small islands in western Visayas region, Philippines ***Cherry Pilapil Añasco****, *Harold M. Monteclaro, Joy C. Lizada, Liah C. Catedrilla, Carlos C. Baylon and Raul G. Bradecina*	G6.104
	Session 5: Fishing and fishery technology, policy and law, aquatic resources and environmental management, biodiversity and climate change		
	Chairperson: Dr. Tran Thi Thuy Hang and Assoc. Prof. Dr. Sukree Hajisamae		
	15:40 – 16:00	Species and spatial distribution of seagrass in Tam Giang Cau Hai Lagoon, Thua Thien Hue Province, Vietnam ***Hang T. T. Tran****, *Thang N. Ha, Tram D. Q. Nguyen*	G6.104
	16:00 – 16:20	Giant clam: Endangered species in Malaysian coastal waters ***Mohd Hanafi Idris****, *Abu Hena Mustafa Kamal, Mohd Sharol Ali, Shahrul Idham Ismail, Anuar Salam Sulaiman*	G6.104
	16:20 – 16:40	Studies on length-based stock assessment of small pelagic fish in the Java Sea, Indonesia *Wiwiet Teguh Taufani,* ***Matsuishi Takashi Fritz****	G6.104

	16:40 – 17:00	The relationship of otolith size to the length and weight of indo-pacific king mackerel (*Scomberomorus guttatus*) in the South of Yogyakarta ***Bayu Wicaksono Pitandoyo Djumanto******	G6.104
	17:00 – 17:20	Preliminary revision of lethrinid species from the east coast of Peninsular Malaysia with notes on geographic distribution extension ***Ying Giat Seah****, *Siti Asmal Mat Piah, Li Lian Wong*	G6.104
	17:20 – 17:40	Phylogeography of the Asian arowana Scleropages formosus (Osteoglossidae) in Malaysia: Conservation implications ***Norli Fauzani Mohd Abu Hassan Alshari****, *Sebastien Lavoue, Mohamad Asyraf Mohamad Sulaiman, Md Zain Khaironizam, Siti Azizah Mohd Nor, Fazimah Aziz*	G6.104
The 2nd day			
December 06th (Tuesday)	**Session 5: Fishing and fishery technology, policy and law, aquatic resources and environmental management, biodiversity and climate change**		
	Chairperson: Prof.Dr. Vu Ngoc Ut and Dr. Veryl Hasan		
	08:00 – 08:20	Valorization of the Philippine Sardine Industry ***Encarnacion Emilia S. Yap****, *Harold M. Monteclaro, Ernestina M. Peralta, Ruby P. Napata, Tabitha Ann Famatid, Ariel S. Sefil*	G6.104
	08:20 – 08:40	Mitochondrial DNA Cytochrome B evidence for cryptic species in the spotted sardinella, *Amblygaster sirm* in Southeast Asia waters ***Noor Adelyna Mohammed Akib****, *Noorul Azliana Jamaludin, Jamsari Amirul Firdaus Jamaluddin, Masazurah A. Rahim & Siti-Azizah Mohd Nor*	G6.104
	08:40 – 09:00	Comparative fishing trials using gapped and conventional crab pots for blue swimming crab ***Rizalyn M. Picoy-Gonzales****, *Harold M. Monteclaro and Nathaniel C. Añasco*	G6.104
	09:00 – 09:20	Spatial and temporal patterns of short mackerel purse seine fisheries in the Andaman Sea of Thailand estimated using surveillance data *Chonlada Meeanan, Takahashi Yuki, Pavarot Noranarttragoon,* ***Matsuishi Takashi Fritz****	G6.104
	09:20 – 09:40	Microplastics pollution in aquaculture water and sediment of commercial mud crab, *Scylla* sp. Grow-out ponds *Shahadat Hossain, Zuhayra Nasrin Ahmad Shukri, Rohisyamuddin Othman, Helena Khatoon, Zahidul Islam, Tashrif Mahmud Minhaz,* ***Nor Azman Kasan****	G6.104
	09:40 – 10:00	**Coffee break & Poster Presentation**	**Poster area**
	Session 5: Fishing and fishery technology, policy and law, aquatic resources and environmental management, biodiversity and climate change		
	Chairperson: Dr. Nguyen Phuc Cam Tu and Dr. Noor Adelyna Mohammed Akib		
	10:00 – 10:20	Utilization of bittern for reducing the total suspended solid and turbidity from traditional fish boiled wastewater ***Dwi Yuli Pujiastuti****	G6.104

	10:20 – 10:40	Unusual inland record of the bull shark *Carcharhinus leucas* on former tin mine, Belitung Island, Indonesia ***Putri Mardhotillah****, *Veryl Hasan, Peter Gausmann, Maheno Sri Widodo*	
	10:40 – 11:00	The world's largest freshwater fish: An overview ***Veryl Hasan****, *Josie South, Felipe P. Ottoni*	G6.104
	11:00 – 11:20	Soil and hydrological characteristics of fishpond with carbonized rice hull ***Larry A. Santos****, *Irene De Vera, Analyn I. Diola, Edwin N. Alferez*	G6.104
	11:20 – 11:40	Novel lineages and recent classification of marine fungi ***Mark S. Calabon****, *Resurreccion B. Sadaba, E.B. Gareth Jones*	G6.104
	11:40 – 12:00	Image-based fish species classification using a deep learning approach ***Ezmahamrul Afreen Awalludin****, *Hazman Ariff Rusman, Affan Zaidi, Nur Muhammad Afiq Anang, Muhammad Za'im Akmal Zukhairi*	G6.104
	12:00 – 13:00	**Lunch break**	**Foyer**
	Session 3: Aquatic animal health management		
	Chairperson: Dr. Tran Vi Hich and Prof. Dr. Rustadi		
	13:00 – 13:20	Identification Of *Edwardsiella ictaluri* And *Aeromonas Hydrophila* Isolated From *Pangasianodon hypopthalmus* Simultaneously Using Multiplex PCR (M-PCR) ***Amira Syahidah Nordin*****, *M Nur-Nazifah, R Rimatulhana, AA Sabuti*	G6.104
	13:20 – 13:40	Rapid And Accurate Snp Genotyping Of Clonal Bacterial Fish Pathogens *Nocardia seriolae* With Mismatch Amplification Mutation Assay ***Cuong T. Le****, *Erin P. Price, Derek S. Sarovich, Thu Thi Anh Nguyen, Hung Vu-Khac, Ipek Kurtböke, Wayne Knibb, Shih-Chu Chen, Mohammad Katouli*	G6.104
	13:40 – 14:00	Development of Enzyme Linked Immunosorbent Assay (ELISA) for VNN Detection in *Oreochromis spp.* ***Irfan-Hakimi, R****, *Azila Abdullah, Nur-Nazifah, M, Firdaus-Nawi, M, Hazreen-Nita, M*	G6.104
	14:00 – 14:20	Comparison Of Outer Membrane Protein Profiling Of *Streptococcus agalactiae* And *S. iniae* ***Mohd Faizal****, Syafiq Ridzuan, M Nur-Nazifah	G6.104
	14:20 – 14:40	Antibacterial Activity Of Gold Nanoparticles Synthesized By *Melaleuca cajuputi* Leaves Extract Against *Vibrio parahaemolyticus* ***Nurul Ashikin Elias****, *Marina Hassan, Mohamad Sofi Abu Hassan, Noor Aniza Harun*	G6.104
	14:40 – 15:00	Effect of probiotics on bacterial community composition in the culture media of African catfish (*Clarias gariepinus* BURCHELL, 1822) ***Indah Istiqomah****, *Alim Isnansetyo, Endang Sulistyaningsih, Toto Sudargo, Andita Ratih Dewanti*	G6.104
	15:00 – 15:20	**Coffee break and Poster Presentation**	**Poster area**

	Session 3: Aquatic animal health management		
	Chairperson: Prof. Dr. Rustadi and Dr. Nguyen Thi Mai		
	15:20 – 15:40	In Vitro Evaluation Of *Bdellovibrio Sp*. As A Biocontrol Agent Against *Vibrio Sp*. Isolated From Shrimp Ponds ***Thu Thi Anh Nguyen****, *Cam Van Hong, Cuong Thanh Le*	G6.104
	15:40 – 16:00	Feed utilization, cellular immunity, and resistance against streptococcus agalactiae of nile tilapia (*Oreochromis niloticus*) as enhanced by dietary supplementation of lactobacillus plantarum L03 ***Thi Mai Nguyen****, *Ngoc Anh Do Thi, Xuan Chinh Le, Md. Sakhawat Hossain, Thanh Huong Vu Thi, and Nang Thu Tran Thi*	G6.104
	16:00 – 16:20	Dereplication of antivibrio compounds from *Nocardiopsis spp.* and in silico analysis targeting LuxT of *Vibrio parahaemolyticus* ***Noer Kasanah*,*** *Maria Ulfah, David C. Rowley*	G6.104

POSTER PRESENTATION
Session 1: Aquaculture Biotechnology and Engineering

No	Poster session *From 07:30 – 17:00*	Code
Chairperson: Dr. Luong Cong Trung and Secretariat: Mr. Dam Ba Long		
1	Direct axes formation of Kappaphycus alvarezii using brown seaweed liquid extracts from *Ascophyllum nodo*sum and *Laminaria digitata* using tissue culture techniques ***Antoniette Lorain Dimaano****, Iris Ann G. Borlongan, Franck Hennequart, Alan Critchley, Anicia Hurtado*	PS1.01
2	Effect of photoperiod on growth, survival, FCR and resistance to stresses of juvenile giant trevally (*Caranx ignobilis*) ***Dang Thi Bich Tram****, Hoang Thi Thanh, Ngo Van Manh*	PS1.02
3	Effects of Artemia and Tilapia density on the ability to treat organic matter in wastewater from White Leg Shrimps (*Litopenaeus vannamei*) farming ***Hong T B Truong**** *and Huy Đ Nguyen*	PS1.03
4	Effects of different light intensities on the growth and survival rate of Black Apple snail (*Pila polita*) ***Tran Van Kha****, Tran Nguyen Duy Khoa & Ngo Thi Thu Thao*	PS1.04
5	Effects of substrate on the growth and survival rate of mud clam (*Geloina coaxans*) ***Nha Le Quang****, Thao Ngo Thi Thu and Kien Ly Thi Hoang*	PS1.05
6	Efficacy of heterotrophic nitrifying bacterium to reduce total ammonia nitrogen in recirculating aquaculture systems of Tilapia (*Oreochromis sp*.) *Aveananta Bayuesaruka, Evy Sholehah Afnur,* ***Indah Istiqomah****, Bambang Triyatmo, Alim Isnansetyo, Rustadi*	PS1.06
7	Extracts from brown seaweed *Sargassum*: its effect in promoting growth of *Kappaphycus striatus* (Solieriaceae, Rhodophyta) in micropropagation ***Robert Christian F. Patani****, Iris Ann G. Borlongan, Vince Matthew S. Bolido, Reymark C. Busalla*	PS1.07
8	Harvesting of marine crabs (*Scylla paramamosain*) in earthen pond culture systems ***Saweit Chaimongkol****, Sarinya Makkaew, Supat Khongpuang*	PS1.08
9	Isolation, identification, and potential probiotic characterization of lactic acid bacteria isolated from intestinal tracts of marine fish ***Rohaya Salah****, Supinya Thapthong, Pochanart Kanjan*	PS1.09
10	Salinity stress tolerance of *Eucheuma denticulatum* from tissue culture using acadian marine plant extract powder (AMPEP) ***Hazel Coleen Gaya**** *and Iris Ann Borlongan*	PS1.10
11	Seed production and growth-out culture of golden trevally *(Gnathanodon speciosus)* in Khanh Hoa province, Viet Nam ***Ngo Van Manh****, Hoang Thi Thanh, Pham Duc Hung, Le Minh Hoang*	PS1.11
12	The effect of photoperious on growth, survival and coeffi-cient variation of eels (*Monopterus albus*) larvae ***Huynh Minh Hieu**** *and Pham Thi Anh*	PS1.12
13	Uptake of nitrogen and phosphorus in some green and red seaweed under laboratory condition ***Rapeeporn Ruangchuay*,*** *Nontawit Anurit, Nuttapong Bovornruangroj*	PS1.13

14	Utilization of microalgae, *Chlorella sp.* UMT LF2 for bioremediation of *Litopenaeus vannamei* culture system and harvesting using bio-flocculant, *Aspergillus niger* ***Nurfarahana Mohd Nasir****, *Ahmad Jusoh, Nor Azman Kasan, Amyra Suryatie Kamaruzzan, Wan Azlina Wan Abdul Karim Ghani, Setyo Budi Kurniawan, Fathurrahman Lananan*	PS1.14
15	Effect of stocking densities on growth and survival rate of giant clam larvae (*Tridacna squamosa* Lamarck, 1819) *Phung Bay,* ***Nguyen Van Minh****, *Ngo Anh Tuan, Tran Thi Hien*	PS1.15
16	Experimenting and developing an environmental friendly oyster (*Crassostrea rivularis*) farming ***Ton That Chat****, *Nguyen Duy Quynh Tram, Vo Duc Nghia, Nguyen Thi Thanh Thuy*	PS1.16

POSTER PRESENTATION

Session 2: Aquatic animal nutrition and physiology

No.	Poster presentation *From 07:30 – 17:00*	Code
Chairperson: Dr. Pham Duc Hung and Secretariat: Mrs. Pham Phuong Linh		
1	Effects of the black soldier fly larvae Hermetia illucen as feed additive on growth performance of seabass *Lates calcarifer* Bloch, 1790 ***Tu P. C. Nguyen**, Ha N. Nguyen, Nhan T. Dinh*	PS2.01
2	The chemical composition *Azolla pinnata*, *Eichhornia crassipes* (mart.) solms and Hydrilla 41erticillate for aquatic feed ***Sitthisak Jantarat** Kraiprom Thaintip.*	PS2.02
3	Pith oil palm trunks and fresh corn fiber after corn milk processing fermented as feed aquatic animal ***Kraiprom Thaintip**, Jantarat Sitthisak and Daniel Kofi*	PS2.03
4	Effect of water parameters on the condition index revealed meat quality of slipper shaped oysters *Magallana bileanata* from Visayas, Philippines ***Ma. Ramela Angela Bermeo**, Elfred Abacan, Junfel Sotelo, and Philip Ian Padilla*	PS2.04
5	The effect of different culture media on the growth and nutrient contents of maggot *Hermetia illucens* L. as fish feed ingredient *Agung Nugroho, **Senny Helmiati****	PS2.05
6	Cyst biometry, growth performance and reproductive characteristics of artemia strains from different geographically regions ***Nguyen Thi Hong Van**, Phan Thi Nhu Y and Nguyen Van Hoa*	PS2.06
7	Combined effect of stocking densities and feeding ration on performance and survival rates of juvenile rice-paddy eels *Monopterus albus* ***Tran Nguyen Hai Nam**, Huynh Thanh Toi and Nguyen Thi Hong Van*	PS2.07
8	Effect of acid sulfate water and salinity on physiological parameters of striped catfish *Pangasianodon hypophthalmus* fingerling ***Ha T.K. Nguyen**, Ai D. Nguyen, Thuan H. Le, Huong T.T Do, Phuong, T. Nguyen*	PS2.08
9	Effect of replacement of fishmeal-based diet by full-fat or defatted black soldier fly larvae *Hermetia illucens* meal in diets on performance of Asian seabass *Lates calcarifer* juvenile in fresh and brackish water ***Lan P. T. Pham**, Ngoan D. Le, Tram Q. D. Nguyen*	PS2.09
10	Combination effect of acid sulfate water and salinity on growth performance and survival rate of salinity tolerated striped catfish *Pangasianodon hypophthalmus* strain at the fingerling stage ***Loi T. Nguyen**, Ha K.T. Nguyen, Ha T. Tran, Huong T.T. Do and Phuong T. Nguyen*	PS2.10
11	Study of effects of light intensity on survival rates and growth rates of scaly giant clams' larvae at spat stage *Bay Phung, **Nga Nu My Ton**, Trang Thi Thuy Nguyen*	PS2.11
12	Effects of dietary tuna viscera hydrolysate supplementation on growth and intestinal mucosal response in pompano *Trachinotus blochii* ***Hung Duc Pham**, Muhammad A.B. Siddik, Hoang Minh Le, Manh Van Ngo, Minh Van Nguyen, David Francis*	PS2.12
13	Salinity Stress Tolerance of Eucheuma denticulatum from Tissue Culture using Acadian Marine Plant Extract Powder (AMPEP) ***Hazel Coleen Gaya**, Iris Ann Borlongan*	PS2.13

14	Isolation, identification, and potential probiotic characterization of lactic acid bacteria isolated from intestinal tracts of marine fish *Rohaya Salah, Supinya Thapthong, Saweit Chaimongkol,* ***Pochanart Kanjan******	PS2.14
15	Growth performance of Nile tilapia fed with different levels of ipil-ipil *Leucaena leucocephala* leaf meal supplemented diet *Shailesh Gurung,* Juli-Anne Royes Russo, *Nabin Chalaune, Ashish Chaudhary,* ***Subodh Raj Bhattarai****, *Suraj Kumar Singh*	PS2.15
16	Effect of the frequency adding sugar for the nursing giant freshwater prawn *Macrobrachium rosenbergii* larvae applying biofloc technology ***Pham Minh Truyen****, *Chau Tai Tao, Tran Ngoc Hai*	PS2.16

POSTER PRESENTATION
Session 3: Aquatic animal health management

No.	**Poster presentation** *From 07:30 – 17:00*	**Code**
Chairperson: Dr. Tran Vi Hich and Secretariat: Mrs. Nguyen Thi Thuy Giang		
1	Efficacy Of Azadirachta Indica Leaf Extract On The Infective Life-Stage Of *Acusicola sp.* (Copepoda: Ergasilidae) From Rabbitfish (*Siganus guttatus*) ***Truong Thi Hoa****, *Tran Nam Ha*	PS3.01
2	A Mixture Supply Of *Psidium guajava* L. And *Azadirachta indica* Extract Strongly Enhance The Immune Responses, Antioxidant, As Well As Disease Resistance In Red Tilapia (*Oreochromis* sp.) Compare To Single Diets ***Truong Quynh Nhu****, *Hang T. B. Bui, Hang T. T Nguyen, Mai T. Nguyen, Quynh D. Nguyen, Ha T. K. Nguyen, Hoa T . T Tran, Thu N. M Vu, Bich N. Tran, Patrick Kestemont, Phuong T. Nguyen*	PS3.02
3	Effect of salinity levels on biomass quality of *Artemia franciscana* cultured in Vinh Chau saltpans ***Duong Thi My Han****, *Nguyen Thi Hong Van and Nguyen Van Hoa*	PS3.03
4	Effects of initial stocking densities on population development and biomass yield of *Artemia franciscana* culturing in Vinh Chau saltpans ***Le Van Thong*,*** *Nguyen Thi Hong Van and Nguyen Van Hoa*	PS3.04
5	Presence Of Anisakis (Nematoda) On Sardine (*Sardinella spp.)* And Scad (*Decapterus* spp.) At The Northern Coast Of Rembang Regency Central Java *Lutfi Septiana D, Rizka Fauziana S, Alusia Melanita RU, Murwantoko,* ***Eko Setyobudi****	PS3.05
6	Evaluation Of Fungal Infection On The Asian Swamp Eel (*Monopterus albus*) Cultured ***Khang B.N. Huynh****,*Quyen N.T. Ha, Thy M.T. Dang*	PS3.06
7	Isolation And Selection Of Bacillus And Lactic Acid Bacteria With The Capability To Inhibit Hemorrhagic Bacteria In Asian Swamp Eel (*Monopterus albus* Zuiew, 1793) In The Mekong Delta Of Vietnam *Dung T. Tu, Loi V. T. Nguyen, Thanh S. Nguyen, Thanh V. Nguyen, Trung B. Nguyen,* ***Khoi M. Le****	PS3.07
8	Effects Of Dietary Oral Vaccine Supplementary Frequency And The Ability To Enhance The Effective Vaccine By B-Glucan And Vitamin C In Preventing Disease Caused By *Edwarsiella ictaluri* On Striped Catfish *(Pangasianodon hypophthalmus*) In The Mekong Delta Of Viet Nam ***Khoi M. Le****, *Trung B. Nguyen, Hieu T. Huynh, Dung T. Tu*	PS3.08
9	Identification and characterization of Bacillus species with the potential probiotic activity against pirABVp-bearing *Vibrio parahaemolyticus* causing Acute Hepatopancreatic Necrosis Disease in marine shrimp ***Cuong T. Le****, *Cam Hong Van*, *Thu Thi Anh Nguyen*	PS3.09
10	Effect Of Dietary Vitamin E On Growth, Body Composition And Nonspecific Immunity Of Snubnose Pompano *Trachinotus blochii* (Lacepède, 1801) ***Hanh T. Pham****, *Khang T. Nguyen, Hich V. Tran, Hoang M. Le*	PS3.10
11	Isolation, Identification, And Potential Probiotic Characterization Of Lactic Acid Bacteria Isolated From Intestinal Tracts Of Marine Fish *Rohaya Salah, Supinya Thapthong, Saweit Chaimongkol,* ***Pochanart Kanjan****	PS3.11
12	Pharmacokinetics of cefotaxime and hepatopancreas histology in white-leg shrimp (*Litopenaeus vannamei*) ***Huynh Thi Kim Duyen****, *Marie-Louise Scippo, Caroline Douny, Siska Croubels, Mathias Devreese, Dang Thi Hoang Oanh, Nguyen Quoc Thinh, Nguyen Ngoc Vui, Tran Minh Phu*	PS3.12

POSTER PRESENTATION

Session 4: Genetics and Breeding

No	**Poster presentation (8)** *From 07:30 – 17:00*	**Code**
Chairperson: Dr. Nguyen Van Minh and Secretariat: Mr. Tran Van Dung		
1	Changes in the gut Microbiome of a tropical copepod (*Acartia sp.*) in response to warming ***Vu Dang Ha Quyen****, *Pham Phuong Linh, Bui Văn Canh, Tran Quang Sáng, Minh-Hoang Le, Dang Thuy Binh, Khuong V. Dinh*	PS4.01
2	Effect of density and food on growth rate and survival rate of dog conch *Strombus canarium* (Linnaeus, 1758) ***Vu Trong Dai****, *Nguyen Manh Dung, Truong Viet Hoang*	PS4.02
3	Effects of HCG And LHRH-A on reproductive performance of Malabar snapper (*Lutjanus malabaricus*) ***Minh V. Nguyen****, *Phan Van Ut, Nguyen Dac Kien*	PS4.03
4	Electroporation as an effective delivery system to integrate Cathelicidin gene in Channel catfish genome by CRISPR/CAS9 knock-in system ***Rhoda Mae Simora****, *Max Bangs, De Xing, Wenwen Wang, Xiaoli Ma, Baofeng Su and Rex Dunham*	PS4.04
5	Physical relationship on fecundity and hatching rate of mud spiny lobster under hatchery conditions ***Wasana Arkronrat** **, *Vutthichai Oniam , Rungtiwa konsantad , Piyawat Promraksa , Prapaporn Deemark , Supakant Chaichotranunt*	PS4.05
6	Reproductive development of female Wallago catfish (*Wallago attu*) in captivity ***Duc Nghia Vo****, *Van Huy Nguyen, Duc Thanh Nguyen, Thi Thu An Le, Matthew J. Wylie, P. Mark Lokman, Anh Tuan Nguyen*	PS4.06
7	The technical procedure of seed production of short-necked clam P*aphia undulata* ***Vu Trong Dai****, *Ngo Anh Tuan, Ngo Thị Thu Thao*	PS4.07
8	Reproductive biology of *Pangasius macronema* Bleeker, 1850 ***Tran Dong Phuong An****, *Nguyen Van Trieu, Bui Minh Tam, Tran Ngoc Hoai Nhan, Pham Thanh Liem*	PS4.08

POSTER PRESENTATION

Session 5: Fishing and fishery technology, policy and law, aquatic resources and environmental management, biodiversity and climate change

No.	Poster presentation *From 07:30 – 17:00*	Code
Chairperson: Dr. Dinh Van Khuong and Secretariat: Mr. Vu Trong Dai		
1	The effect of sediment removal time on sediment quality of Nile tilapia nursery pond ***Idsariya Wudtisin****, *Pichitkul. P, Sirisuay. S, Paankhao. N*	PS5.01
2	Macrozoobenthos diversity as water quality bioindicator in bedog stream Yogyakarta *Titian Ukhuwah Imanniah,* ***Namastra Probosunu****, *Eko Setyobudi, Djumanto*	PS5.02
3	Water quality status of bedog stream Yogyakarta based on the pollution index *Bernardino Enrico Pradipta,* ***Namastra Probosunu****, *Riza Yuliratno Setiawan, Tony Budi Satriyo*	PS5.03
4	Performance of top-water fishing lures in recreational fishing of *Channa striata* in Malaysia *Azriel David Lian Raja,* ***Izharuddin Shah Kamaruddin****	PS5.04
5	Effects of Artemia and Tilapia density on the ability to treat organic matter in wastewater from white leg shrimps (*Litopenaeus vannamei*) farming ***Truong Thi Bich Hong****, *Huy D Nguyen*	PS5.05
6	Fishing techniques of gulamah (*Argyrosomus amoyensis*) using gadhok nets (bottom gillnet) in Bantul Regency Beach ***Suwarman****	PS5.06
7	Effects of different types of fish tags on survival rate and tag retention of *Pangasius nasutus* *Amirul Irfan Ahmad Rafee,* ***Izharuddin Shah Kamaruddin****, *Aziz Arshad*	PS5.07
8	Status of coastal trawl fisheries under climate change in Soc Trang province, the lower Mekong Delta, Vietnam ***Nguyen Trung Tin****, *Vo Le Khanh Quynh, Mai Van Hieu, Vo Thanh Toan and Ha Phuoc Hung*	PS5.08
9	Seaweed farming: Moving forward to sustainability ***Jonalyn P. Mateo****, *Joseph P. Faisan, Jr., Rema C. Sibonga, Iona Campbell, Elizabeth Cottier-Cook, Victor Marco Emmanuel N. Ferriols, Maria Rovilla J. Luhan, Anicia Q. Hurtado*	PS5.09
10	Stomach contents of wild *Pangasius nasutus*) (patin buah) in Pahang River, Malaysia *Ming Ying Goh,* ***Izharuddin Shah Kamaruddin****, *Aziz Arshad, Rumeaida Mat Piah*	PS5.10
11	Distribution of oriental angelwing clams *Pholas orientalis* in Western Visayas, Philippines ***Anne Brigette Ledesma****, *Tabitha Anne Famatid, Harold Monteclaro*	PS5.11
12	The governance of angelwing clam fishery in Western Visayas, Philippines *Anne Brigette B. Ledesma, Tabitha Anne G. Famatid,* ***Harold M. Monteclaro****	PS5.12
13	Private sector engagement to combat IUU fishing: The case study of vietnam tuna fisheries ***Tran Van Hao****, *Nguyen Huu Thanh, Pham Khanh Thuy Anh, Nguyen Thi Nghiem Thuy, Nguyen Huu Huy Hoang, Nguyen Van Binh and Stephen Fisher*	PS5.13

14	Status of coastal gillnet fisheries and fishers' awareness on climate change in the Bac Lieu province, Vietnam ***Ha Phuoc Hung****, *Vo Le Khanh Quynh, Mai Van Hieu, Vo Thanh Toan and Nguyen Trung Tin*	PS5.14
15	Status of coastal stow-net fisheries under climate change in Soc Trang province, the lower Mekong Delta, Vietnam ***Vo Thanh Toan****, *Vo Le Khanh Quynh, Mai Van Hieu, Nguyen Trung Tin and Ha Phuoc Hung*	PS5.15
16	The success of active mangroves restoration effort of The Peri-Urban Mangroves in Kenya ***Levis Sirikwa****, *Fredrick L.Tamooh, Muyodi J. Derrick*	PS5.16
17	Abundance of billfish by-catch and its size variation in the East Coast of Peninsular Malaysia *Mohamed Shahrul Daniel Hamzah, Rashidah Abdul Razak, Juliana Mohamed, Muhammad Zahir Ramli, Muhammad Faiz Pa'suya, Rahimi Abdul Rahman, Fikriah Faudzi,* ***Aimimuliani Adam****	PS5.17
18	Effect of tank colour on deformation rate, skeleton, salinity shock and colour of juvenile golden trevally *Gnathanodon speciosus* under elevated temperature ***Chau Bich Lien****, *Truong Thi Mai Huong, Le Minh Hoang*	PS5.18
19	Determinants of adaptation strategies to climate change: Evidence from fisheries and aquaculture in Vietnam ***Tran Thi Thu Hoa****, *Quach Thi Khanh Ngoc, Tang Thi Hien, Nguyen Thi Kim Anh*	PS5.19
20	Establishing an artificial reef system model on Nha Trang bay, Vietnam in order to improve biodiversity ***Vu Nhu Tan****, *Nguyen Van Nhuan*	PS5.20
21	Innovating the freezer holds onboard by Polyurethane (PU) and Composite technology in order to improve fish quality ***Vu Nhu Tan****, *Nguyen Van Nhuan*	PS5.21
22	Green energy production by microalgae: photosystem I light-harvesting proteins regulate photosynthetic electron transfer and hydrogen production ***Thi Thu Hoai Ho****, *Chris Schwier, Tamar Elman, Vera Fleuter, Karen Zinzius, Martin Scholz, Iftach Yacoby, Felix Buchert and Michael Hippler*	PS5.22

POSTER PRESENTATION
Session 6: EAFTA: Seafood processing technology, food safety and security, fisheries socio-economics and management

No.	Poster presentation *From 07:30 – 17:00*	Code
Chairperson: Dr. Tran Thi My Hanh and Secretariat: Dr. Truong Thi Bich Hong		
1	A study of the quality of lencam fish skin tanned with natural-chemical mixtures as raw materials for commercial leather products ***Sahubawa L****, *Lutfia S, Permadi I., Ekantari N*	PS6.01
2	Biochemical composition of Pacific oysters (*Crassostrea gigas*) from two main cultivation areas in Khanh Hoa province, Vietnam ***Viet T. N. T. Bui****, *Duong T.H. Ngo, Hai T.M. Pham, Huyen T. Tran, Giang T. Tran, Sanh K. Nguyen*	PS6.02
3	Biological activities of peptide fractions isolated from Philippines mussel species through enzymatic hydrolysis ***Sharon N. Nuñal****, *Raymund B. Parcon, Sheina Logronio, Nizzy Hope Cartago, May Flor Muegue*	PS6.03
4	Characteristics of Skipjack Tuna (*Katsuwonus pelamis*) roe-powder using different drying methods *Thithi Phetchthumrongchai and* ***Wanwimol Klaypradit****	PS6.04
5	Characterization of bioactive peptides with antioxidant and antihypertensive activities from four species of underutilized marine bivalves *Nicole Pauline P. Plagata, Ma. Lorena M. Serisola, Gleann P. Salido and* ***Rhoda Mae C. Simora****	PS6.05
6	Characterization of the antimicrobial properties of lactic acid bacteria from salt-fermented Yellowfin Tuna (*Thunnus albacares*) entrails (“dayok”) ***Brittany Miroslava O. Briton****, *Encarnacion Emilia S. Yap*	PS6.06
7	Comparative studies on the physical and chemical properties of protein powder prepared from Skipjack Tuna (*Katsuwonus pelamis*) liver using heat treatment and supercritical fluid extraction *Chanita Jeerakul, Lalitphan Kitsanayanyong, Wanwimol Klaypradit and* ***Pramvadee Tepwong****	PS6.07
8	Determine the factors influencing Vietnamese consumption of traceable fisheries food: a case study in Ho Chi Minh City ***Tien D. Mai****, *My H. Cao, Thom N. Ta*	PS6.08
9	Effect of soy protein concentrate, modified starch and temperature on physico-chemical properties of Tuna dark muscle protein isolate gel ***Bach T. Nguyen****, *Bao Nguyen, Son T. Do, Bao N. D. Huynh, Trung S. Trang*	PS6.09
10	Effects of pre-treatment on antioxidant capacity of Gac (*Momordica cochinchinesis spreng*) pulp extract for fish oil preservation ***Dao L.A. Nguyen****, *Duyen T.K. Huynh, Thịnh Q. Nguyen, Ha T.N. Nguyen, Phu M. Tran, Kazufumi Osako, Toshiaki Ohshima*	PS6.10
11	Effects on agar quality of post-harvest immersion of *Gracilariopsis heteroclada* at different hypersaline conditions ***Leonilo F. Endoma, Jr.****, *Duke R. Monsale, Iris Ann G. Borlongan, Pearl Aljean Santacera, Encarnacion Emilia S. Yap*	PS6.11
12	Enzyme screening and optimization of hydrolysis conditions for producing Tuna cooking juice hydrolysate with high biological activities *Mookdaporn Kiettiolarn, Lalitphan Kitsanayanyong, Jirawan Maneerote, Sasimanas Unajak,* ***Pramvadee Tepwong****	PS6.12

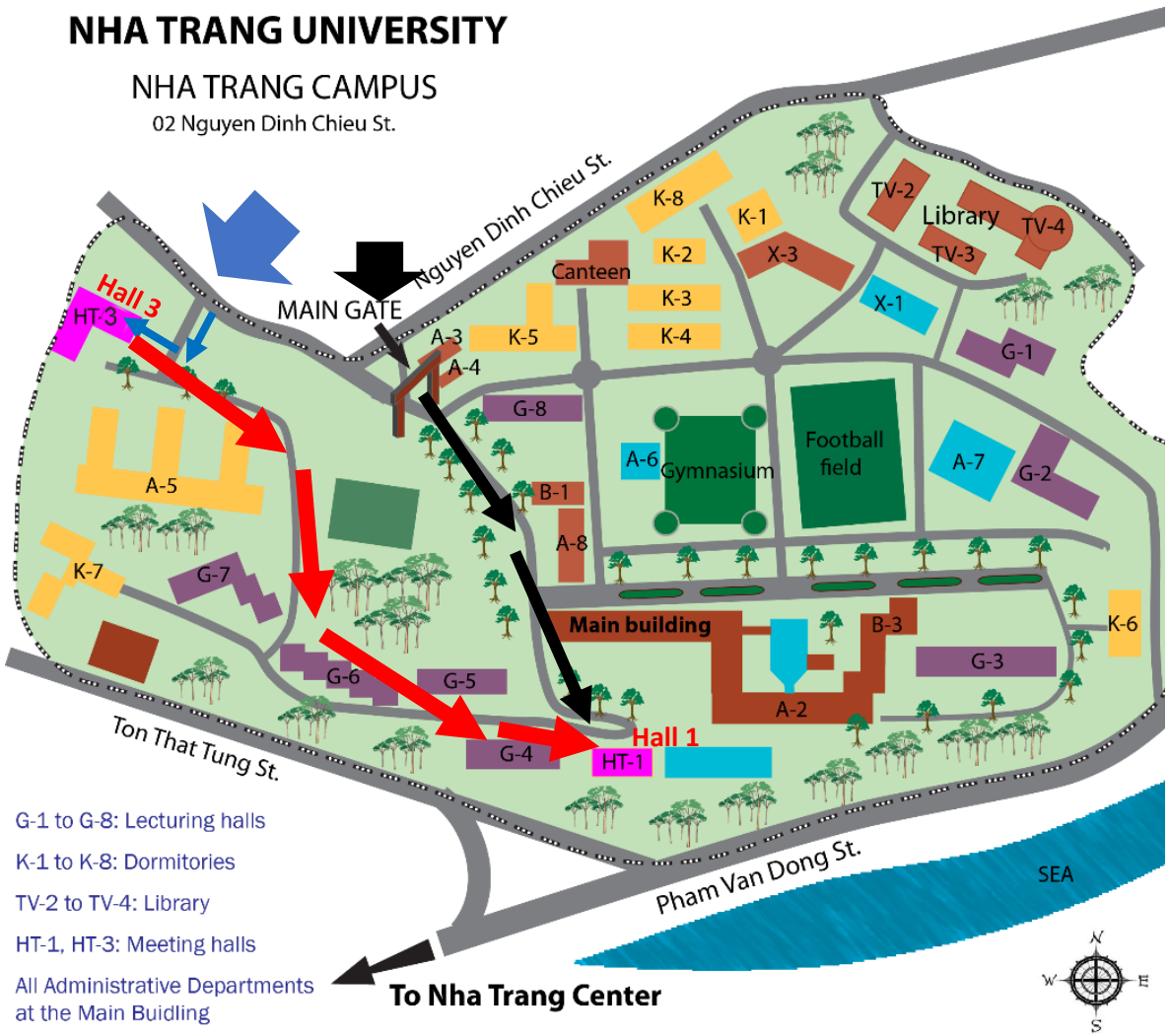
13	Functional characteristics of protein isolates and hydrolysates from slipper cupped oyster (*Crassostrea iredalei*) *Karmelie Jane M. Monaya, Honey Lyn R. Gomez,* ***Lhumen A. Tejano****, Jose P. Peralta*	PS6.13
14	Nutritional composition and consumer preference of restructured tuna fillet treated with liquid smoke ***Sahubawa L****, Zafira T.F.*	PS6.14
15	Optimization enzyme concentration and flavourzyme addition time for the production of enzymatic protein hydrolysis from Snakehead head by using enzyme alcalase and flavourzyme ***Thu T.M. Truong****, Thuy T.M. Le, Muoi V. Nguyen, Truc T. Tran*	PS6.15
16	Optimization of microplastics (MPS) extraction for Philippine sardines (*Sardinella* spp.) ***Rowelyn M. Sargadillos****, Leonilo F. Endoma, Jr., Mae Grace G. Nillos, Encarnacion Emilia S. Yap*	PS6.16
17	Optimization of protein hydrolysis of yellowfin tuna (Thunnus albacares) viscera processing wastes using trypsin ***Leonilo F. Endoma, Jr.****, Richelle L. Potato, Raymund B. Parcon, Sharon N. Nuñal*	PS6.17
18	Optimization of the enzymatic hydrolysis of yellowfin tuna, i viscera by response surface methodology *Mary Famille Don De Asis,* ***Sharon N. Nuñal****, Leonilo F. Endoma Jr*	PS6.18
19	Preparation, characterization and application of PVA/HPMC/roselle anthocyanin active packaging for shrimp preservation *Jiayin Huang, Zhiheng Hu, Gaoshang Li, Lingping Hu,* ***Yaqin Hu****	PS6.19
20	Properties of Tuna blood powder prepared from freeze drying and vacuum drying ***Mantira Hawangjoo**** *and Wanwimol Klaypradit*	PS6.20
21	Quality changes of picked oyster (*Crassostrea gigas*) sauce during storage time ***Huyen Thi Tran****, Quyen Le Vu, Viet Tran Nu Thanh Bui, Giang Thanh Tran, Duong Thi Hoai Ngo, Hai Thi Minh Pham*	PS6.21
22	Reducing of contaminated heavy metals in Sardine by using acetic acid solutions ***Janthira Kaewsrithong****, Arisara Pratakkarn, Supadee Dangkongrod, Patiparn Choodum*	PS6.22
23	The effects of ozonated slurry ice treatment on microbial, physicochemical, and quality of large yellow croaker (Pseudosciaena crocea) during cold-chain circulation ***Xuening Chen****	PS6.23
24	Sensory and physico-chemical analysis of smoked hamonado and dried hamonado sardines (*Sardinella lemuru*) *Vaye Melbourne T. Tirado,* ***May Flor S. Muegue****, Ernestina M. Peralta, Ariel S. Sefil, Sheina B. Logronio*	PS6.24
25	Abundance of billfish by-catch and its size variation in the East Coast of Peninsular Malaysia *Mohamed Shahrul Daniel Hamzah, Rashidah Abdul Razak, Juliana Mohamed, Muhammad Zahir Ramli, Muhammad Faiz Pa'suya, Rahimi Abdul Rahman,* ***Fikriah Faudzi, Aimimuliani Adam****	PS6.25

POSTER PRESENTATION

Session 7: Community outreach in fisheries and aquaculture

No.	Poster presentation *From 07:30 – 17:00*	Code
Chairperson: Dr. Tran Van Phuoc and Secretariat: Mrs. Hua Thi Ngoc Dung		
1	Current status of exploitation, consumption and culture of black apple snail *Pila polita* in Mekong Delta *Le Van Binh and* ***Ngo Thi Thu Thao****	PS7.01
2	Comparision of technical and financial aspects between supper intensive white leg shrimp *Litopenaeus vannamei* Boone, 1931 in lined round and squre ponds in Bac Lieu province *Tran Duong Linh and* ***Truong Hoang Minh****	PS7.02
3	Comparison the efficiency production between certified and non-certified organic mangrove shrimp farming systems in Ca Mau province *Bui Van Du and* ***Truong Hoang Minh****	PS7.03
4	Status of bivalve culture in Tanintharyi Region, Myanmar *Aung Aung Aye, Shwesin May, Aung Aye Latt,* ***Cherry Aung****	PS7.04
5	Socio-economy relating the mud flat fisheries at Gulf of Mottama, Myanmar ***Cherry Aung****	PS7.05

NHA TRANG UNIVERSITY MAP



NOTE: Arrow with green color →→ the first day (4-5 December, 2022), you have to come for registration and participate the plenary session. After plenary session, you will move to each session following the arrow with red color →→ (G-6 and G-4 and HT-1, please see schedule for more details). The second day (6 December, 2022), you have to come the main gate following the arrows with black color →→ to move each session (G-6 and G-4 and HT-1, please see schedule for more details at the website of IFS2022 http://ifs2022.ntu.edu.vn).

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