

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 (<i>optional early registration in afternoon of December 04th</i>)	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 <u>Keynote 1: Realizing the Strategy for Development of Vietnam's Fisheries by 2030 with vision towards 2045</u> 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	<u>Keynote 2: Recovery and Application Value Added Products from Shrimp Shells and Heads</u> Prof. Trang Si Trung Rector of Nha Trang University, Vietnam <u>Keynote 3: Biostimulant Technology, Biostimulants for Agriculture and Aquaculture and Human Health</u> 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 06 th , 2022			
December 06 th (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 07 th , 2022			
December 07 th (Wednesday)	08:00 – 15:00	Excursion (<i>optional, you need to book the trip and payment at the registration and reception desks in advance by 5th December, 2022</i>) - City tour - Farm trip for freshwater aquaculture - Farm trip for marine aquaculture	Departure at NTU square

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, <i>Lutjanus argentimaculatus</i> (Forsskal, 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, <i>Lates calcarifer</i> (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, TriyantoI, Sudarmadj	G4.101
	14:00 – 14:20	Effects of maternal experience in salinity conditions on offspring performance of Bighead catfish (<i>Clarias macrocephalus</i>) Joachim Raymond Temu* , Ngoc-Tran Thi Nguyen, Thuy-Yen Duong	G4.101
	14:20 – 14:40	Growth performance of Mud Crab juveniles <i>Scylla olivacea</i> and <i>Scylla tranquebarica</i> 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 <i>Eucheumatoids</i> using brown seaweed liquid extracts from <i>Ascophyllum nodosum</i> and <i>Laminaria digitata</i> 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 <i>Aeromonas hydrophila</i> strains from striped catfish (<i>Pangasianodon hypophthalmus</i>) 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 <i>Macrobrachium rosenbergii</i> aquaculture David Marioni* , Mhd Ikhwanuddin	G4.101
	16:00 – 16:20	Image analysis-based machine learning to classify average weight of Red Tilapia (<i>Oreochromis niloticus</i> Linn.) Roongparit Jongjaraunsuk* , Pimlapat Suwannasing, Ruangvit Yoonpundh, Wara Taparhudee	G4.101

	16:20 – 16:40	Mortality rate of red tilapia (<i>Oreochromis niloticus</i> 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 (<i>Oreochromis niloticus</i>) monosex on biofloc system with different dose for Specific Growth Rate, Survival Rate, Feed Conversion Ratio, and Feed Efficiency <i>Tantyo Ari Adi Wiguno, Nina Nurmalia Dewi*</i> , 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 (<i>Oreochromis sp.</i>) 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 <i>Diyana Kamarudin, N.I. Yatim*</i> , 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 (<i>Litopenaeus vannamei</i>) cultivation, Bomo village, Rogojampi district, Banyuwangi, East Java province Aldhilla Juan Azzahra* , Luthfiana Aprilianita Sari, Putri Desi Wulan Sari, Daruti Dinda Nindarwi, Sulastris 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 biofloculant-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 <i>Giang T. Huynh, Hai H. Vu, Ngan N.K Nguyen*</i>	G4.101
10:40 – 11:00	Prophylactic effects of <i>Pandanus tectorius</i> 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 (<i>Penaeus monodon</i>) Shumpei Iehata* , Zulaikha Mat Deris, Li Lian Wong	G4.101
11:20 – 11:40	Microbial assessment of Rohu, <i>Labeo rohita</i> from the Brahmaputra river in Jamalpur, Bangladesh <i>Shemul Mian, Mamunur Rashid, Ahasan Habib*</i>	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 <i>Sargassum binderi</i> extract on shoot growth of chrysanthemum (<i>Chrysanthemum</i> sp.) In vitro <i>Kieu T.B Nguyen, Pham Thi Minh Thu*</i>	G4.101
13:20 – 13:40	The effect of different additions Carbon dioxide (CO ₂) on growth, lipids, carotenoids and chlorophyll-a <i>Chaetoceros calcitrans</i> Luthfiana Aprilianita* , Sari Esza Rezky Amaliandini, Syarif Nashrullah, Anastasya Dewi Larasati, Fajar Taufan Firmansyah, Nina Nurmalia Dewi, and Sulastris Arsad	G4.101
13:40 – 14:00	Sardiniella fimbriata bones as promising sunscreen agents <i>M. Z. H. Rozaini, H. Hamzah, M.S. Azhar*</i>	G4.101
14:00 – 14:20	Characterization of gelatin from Tilapia scales Mala Nurilmala* , Andiksy Risyah, 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 (<i>Lateolabrax japonicus</i>) fillets. <i>Xin YANG, Weiqing LAN*, Jing XIE</i>	G4.101

14:40 – 15:00	Ultrasound-assisted chitosan-grafted-caffeic acid improves the myofibrillar protein characteristics of pompano (<i>Trachinotus ovatus</i>) 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 <i>Myofibrila protiens</i> 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 (<i>Pneumatophorus japonicus</i>) 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 (<i>Moringa oleifera</i>) water extracts and vacuum packaging on the quality and lipid oxidation of sun-dried Punti (<i>Puntius sophore</i>) 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 <i>Shewanella putrefaciens</i> : 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. Do Thi Thanh Huong and Prof.Dr. Augustine Arukwe		
	13:00 – 13:20	Study on using treated wastewater from snakehead fishponds to culture <i>Srpirlina platensis</i> Pham Kim Long* , Duong Hoang Oanh	G4.102
	13:20 – 13:40	Appetite control, feed intake and growth in clownfish <i>Amphiprion ocellaris</i> 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 Phuong 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 <i>Oreochromis niloticus</i> 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 <i>Siganus guttatus</i> 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 <i>Epinephelus spp.</i> Ain Zulkurnain* , Ahmad Daud Om, Noordiyana Mat Noordin, Shumpei Iehata	G4.102
	15:40 – 16:00	Moulting stages in mud crab genus <i>Scylla</i> 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 <i>Oreochromis niloticus</i> 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 <i>Mastacembelus favus</i> 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 redbfish <i>Sebastes norvegicus</i> 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: Prof.Dr. Tran Thi Thanh Hien 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 Abd. Ghaffar, Hon Jung Liew	G4.102
	08:20 – 08:40	Effects of temperature on growth and physiological responses of patin buah <i>Pangasius nasutus</i> (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 <i>Litopenaeus vannamei</i> Yu Ling Shirley-Lim* , Hon Jung Liew, Mazlan Abd. Ghaffar	G4.102
	09:00 – 09:20	Use of black soldier fly larvae meal in hybrid grouper <i>Epinephelus fuscoguttatus</i> ♀ × <i>Epinephelus lanceolatus</i> ♂ culture Enyo Jonathan Ukwela* , Sharifah Rahmah, Hon Jung Liew	G4.102
	09:20 – 09:40	Food selectivity of early life stage climbing perch, <i>Anabas testudineus</i> (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 <i>Clarias gariepinus</i> 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 <i>tor tambroides</i> and survival against pathogenic infection Mohammad 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 <i>Oreochromis niloticus</i> fry <i>Quenstein Dizon Lauzon, Mary Ann B. Madeja*</i>	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 <i>Clarias macrocephalus</i> juveniles <i>Barry Leonard M. Tumbokon, Lemark M. Bautista, Augusto E. Serrano, Jr*</i>	G4.102
11:20 – 11:40	Microanatomy of the digestive system in the striped acorn barnacle <i>Amphibalanus amphitrite</i> 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 <i>Clarias macrocephalus</i> 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 (<i>Panulirus homarus</i>) 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, <i>Panulirus ornatus</i> , 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 <i>Thalassiosira weissflogii</i> 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 <i>B.N. Vishwanath</i>	G4.102
14:20 – 14:40	Comparative anesthetic efficacy of clove oil, alfaxalone, ketamine, lidocaine, midazolam, and propofol for immersion anesthesia in Zebrafish <i>Danio rerio</i> Randy Manuel Galutan*	G4.102
14:40 – 15:00	Utilization of microalgae, <i>Chlorella</i> sp. UMT LF2 for bioremediation of <i>Litopenaeus vannamei</i> culture system and harvesting using bio-flocculant, <i>Aspergillus niger</i> <i>Nurfarahana Mohd Nasir, Ahmad Jusoh, Nor Azman Kasan*, Amyra Suryatie Kamaruzzan, Wan Azlina Wan Abdul Karim Ghani*, Setyo Budi Kurniawan, Fathurrahman Lananan</i>	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 <i>Artemia</i> biomass production Krishnnappriyaa Gopi* , <i>Asmidar Mohamad, Yeong Yik Sung</i>	G4.102
15:40 – 16:00	Seaweed and clay powder in diets improve growth and health performance of tilapia Vu Anh Tuan* , <i>Marie Gallissot, Nguyen Van Minh</i>	G4.102
16:00 – 16:20	Effects of dietary methionine levels and temperatures on feed intake and neuropeptide expressions in juvenile cobia <i>Rachycentron canadum</i> Minh V. Nguyen* , <i>Linh P. Pham, A-E.O. Jordal, M. Espe, L. Conceição, M. Yúfera, S. Engrola, M.H. Le, I. Rønnestad</i>	G4.102
16:20 – 16:40	Substitution of fishmeal with black soldier fly larvae meal in Hoven's carp <i>Leptobarbus hoevenii</i> Sharifah Rahmah* and <i>Hon Jung Liew</i>	G4.102
16:40 – 17:00	Effects of natural polyphenol antioxidant Cabanin® CSD) on growth performance and stress resistance of Nile tilapia <i>Oreochromis niloticus</i> Tuan, V. V* , <i>Karsten, C. K., Binh, V. T. T., and Hung, L.T.</i>	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 <i>Cherax quadricarinatus</i> 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 (<i>Rasbora argyroteenia</i>) sperm. <i>Santika Dwi Christanti, Ahmad Shofy Mubarak, Lailatul Lutfiyah*</i>	G4.103
	13:40 – 14:00	Increased non-specific immune response of white shrimp (<i>Litopenaeus vannamei</i>) after administration of <i>Caulerpa racemosa</i> extract and <i>Vibrio parahaemolyticus</i> 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 (<i>Epinephelus fuscoguttatus</i> x <i>Epinephelus lanceolatus</i>) maintained in ponds as a stress indicator. <i>Alfian Rahmadhani Satria Hani Saputra, Laksmi Sulmartiwi*</i> , and Sapto Andriyono	G4.103
	14:20 – 14:40	Molecular detection of t4- like myoviruses in marine sponges, <i>Xestospongia</i> sp. and <i>Aaptos</i> sp. from Terengganu Islands, Malaysia <i>Logajothiswaran Ambalavanan, Nurul Anis Mohd Nasir, Normala Yaslikan, Emylia Harriet Stevens, Sandra Catherine Zainathan*, Shumpei lehata</i>	G4.103
	14:40 – 15:00	Bacterial community and predicted functions associated with marine sponges <i>Aaptos suberitoides</i> and <i>Xestospongia testudinaria</i> Yuki Hayami* , Logajothiswaran Ambalavanan ¹ , Sandra C. Zainathan ² , Muhd Danish-Daniel, Noor E. Sharifah, Shumpei lehata	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 <i>Aeromonas hydrophila</i> Of Hybrid Catfish (<i>Clarias gariepinus</i> × <i>C. macrocephalus</i>). Pisey Say* , Sukkrit Nimikul and Prapansak Srisapoome	G4.103	
15:40 – 16:00	Comparative Gill Structure Between <i>Episesarma Versicolor</i> and <i>E. Singaporense</i> From Thailand Thananporn Jitpakdee* , Pornthep Wirachwong, Supparat Kong-Oh, Wannee Jiraungkoorskul, Gen Kaneko, Sinlapachai Senarat, Atsuo Iida, Chanyut Sudtongkong	G4.103	
16:00 – 16:20	Plankton based communities structure from tiger shrimp <i>Penaeus monodon</i> 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, <i>Tor tambroides</i> , Early Juveniles Mohammad 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 <i>Probopyrus</i> sp. On <i>Macrobrachium</i> 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 (<i>Rastrelliger Brachysoma</i>), Indian Mackerel (<i>R. kanagurta</i>) And Bigeye Scad (<i>Selar crumenophthalmus</i>) From Small Fishing Boats, Songkhla, Southern Thailand Nirattisai Petchsupa* , Atitaya Semchuchud	G4.103	

The 2 nd day			
December 06 th (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 (<i>Pangasianodon hypophthalmus</i>): A Morphological Description Nguyen Phuc Thuong*	G4.103
	08:20 – 08:40	Green-Synthesis And Characterization Of Gold Nanoparticles (AuNPs) Using Polychaetes (Marine Worms), <i>Maryphysa moribidii</i> , As Reducing Agents And Assessment Of Its Antimicrobial Efficacy Against <i>Vibrio parahaemolyticus</i> 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 (<i>Danio rerio</i>) 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 TM) 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 <i>Streptococcus agalactiae</i> 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, <i>Penaeus vannamei</i> 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 <i>Asmidar Mohamad*</i> , Yeong Yik Sung	G4.103
11:20 – 11:40	Lymphocystis Disease Virus Infection on Orange Clownfish <i>Amphiprion percula</i> in Batam, Indonesia Murwantoko <i>Murwantoko*</i> , Endang Wijayanti, Sri Agustatik, Harshelly Valianti, Lalla Kumala Yulanda, Nur Lailatul Fitrotun Nikmah	G4.103
11:40 – 12:00	Comparative Health Analysis Between <i>Limnognathus</i> sp. And <i>Alpheus</i> sp., As Sentinel Species From The Seagrass Meadows, Libong Island, Thailand <i>Nisreen Dahlan*</i> , 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 (<i>Lates Calcarifer</i>) In At East Coast Area Of Malaysia <i>Muhammad Safwan bin Khairul Asri*</i> , 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 <i>Hazreen Nita Mohd Khalid*</i> , Azzmer-Azzar A.A, Nur-Nazifah M. and Azila A.	G4.103
13:40 – 14:00	Molecular Epidemiology Of Megalocytivirus In Freshwater Angelfish (<i>Pterophyllum scalare</i>) From Malaysia <i>Che Azarulzaman Che Johan*</i> , 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 (<i>Oreochromis niloticus</i>) And Tropical Catfish (<i>Hemibagrus nemurus</i>) In Terengganu, Malaysia <i>Mei Rifqi Mursyidah*</i> , 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, <i>Brachionus plicatilis</i> , leading to bacteria-free populations using SirehMAX™ solution. <i>Nur Fatin Afifah Osman Manah*</i> , 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 <i>Pangasius hypophthalmus</i> And <i>Oreochromis spp.</i> 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 <i>Vibrio harveyi</i> on the gut microbiota profiles of <i>Penaeus vannamei</i> 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 (<i>Lates calcarifer</i>) Mai Dang* , Tran Duc Dien*, Ut Phan Van, Vo ThiHa, Vu Viet Dung, Nguyen Trinh Duc Hieu, Viet Cuong Hua, Nguyen Thi Kim Hue, Nguyen Thi Thu Giang, Vu Huu Truong, Ha Thanh Dong	G4.103
16:00 – 16:20	Isolation and characterization of bacterial infection hemorrhagic disease on asian swamp eel (<i>Monopterus albus</i> 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 <i>Nocardiosis spp.</i> and in silico analysis targeting LuxT of <i>Vibrio parahaemolyticus</i> Noer Kasanah* , Maria Ulfah, David C. Rowley	G4.103

ORAL PRESENTATION 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 <i>Cichlids</i> 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, <i>Scylla olivacea</i> (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 (<i>Poecillia reticulata</i>) Andita Rahelia, Ignatius Hardaningsih, and Dini Wahyu Kartika Sari*	G4.104
	14:00 – 14:20	First breeding program of the Portuguese oyster <i>Crassostrea angulata</i> 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, <i>Lutjanus johnii</i> 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, <i>Botryocladia</i> sp. (<i>Rhodophyta</i> , tissue culture) by tissue culture 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 (<i>Pangasianodon hypophthalmus</i>) 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 <i>Epinephelus epinephelus</i> Long Ba Dam* and Ching-Fong Chang	G4.104
	16:00 – 16:20	Sexual dimorphism and reproductive biology of <i>Cephalocassis borneensis</i> (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 <i>Labiobarbus</i> 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, <i>Anguilla marmorata</i> 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 (<i>Symphysodon spp.</i>) 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 <i>Crassostrea</i> 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 <i>Lobophora</i> (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 <i>Kappaphycus</i> 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: Assoc. Prof.Dr. Ngo Thi Thu Thao and Prof.Dr.Siti Azizah Mohd Nor		
	10:00 – 10:20	A revised genus-level classification of the Glassperch family <i>Ambassidae</i> (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 <i>Plotosus canius</i> (HAMILTON, 1822) <i>Nhu-Y Thi Nguyen*</i> and <i>Thuy-Yen Duong</i>	G4.104
10:40 – 11:00	Molecular identification of silver-barb (<i>Barbonymus sp.</i>) based on COI and CYT-B gene region from East Java <i>Mutiara Rahmawati, Akhmad Taufiq Mukti, Sapto Andriyono*</i>	G4.104
11:00 – 11:20	The complete mitochondrial genomes of <i>Pangasius nasutus</i> and <i>P. conchophilus</i> : Insight into their structural features and phylogenetic implications <i>Siti Amalia Aisyah Abdul Halim*</i> , <i>Yuzine Esa</i> and <i>Siti Azizah Mohd Nor</i>	G4.104
11:20 – 11:40	MtDNA CYT-B revealed no genetic difference between geographically distant populations of <i>Pangasius conchophilus</i> in the Mekong river <i>Ngoc-Tran Thi Nguyen*</i> , <i>Thuy-Yen Duong</i>	G4.104
11:40 – 12:00	Cytogenetic of Whipfin mojarra (<i>Gerres filamentosus</i>) from Pattani, Thailand <i>Napapun Sama-e*</i> , <i>Sitthisak Jantararat</i> , <i>Sukree Hajisamae</i> , <i>Alongkod Tanomtong</i> , <i>Nattasuda Donbundit</i>	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 <i>Rhizocephalan</i> parasite, <i>Sacculina beauforti</i> . <i>Gusti-Afiz G.R.N.*</i> , <i>Fazhan H.</i> , <i>Ikhwanuddin M.</i> , and <i>Waiho K.</i>	G4.104
13:20 – 13:40	HSP70 knockdown and its effect on gene transcript expression of the white-leg shrimp <i>Penaeus vannamei</i> <i>Nurul Aifaa Azman*</i> , <i>Mhd Ikhwanuddin</i> , <i>Yeong Yik Sung</i>	G4.104
13:40 – 14:00	Phenotypic and transcriptomic responses of the black tiger shrimp <i>Penaeus monodon</i> postlarvae to varying dietary K-Carrageenan inclusions <i>Yashier U. Jumah*</i> and <i>Augusto E. Serrano Jr.</i>	G4.104
14:00 – 14:20	Elucidating the functions of Heat Shock Protein 70 in the brine shrimp <i>Artemia franciscana</i> using RNAi <i>Mimi Iryani Mat Taib*</i> , <i>Thomas H. MacRae</i> , <i>Yeong Yik Sung</i>	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 <i>Logajothiswaran Ambalavanan*</i> , <i>Shumpei Iehata</i> and <i>Sandra Catherine Zainathan</i>	G4.104
14:40 – 15:00	New report: Revealing biosynthetic gene cluster of marine bacterium, <i>Pseudoalteromonas viridis</i> BBR56 <i>Desy Putri Handayani*</i> , <i>Alim Isnansetyo</i> , <i>Indah Istiqomah</i>	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 (<i>Danio rerio</i>) 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 <i>Oreochromis spp.</i> 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 <i>Scatophagus argus</i> (Linnaeus, 1766) in captivity Nguyen Van Huy* , Le Thi Thu An, Nguyen Khoa Huy Son, Nguyen Duc Thanh	G4.104

ORAL PRESENTATION AT VENUE: G4.105

Date	Time (hrs.)	Oral presentation	Venue
The 1 st day			
December 05 th (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 <i>Leptobarbus hovenii</i> 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 (<i>Caulerpa racemosa</i>) 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: Asso.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, <i>Chlorococcum</i> 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 <i>Ariel S. Sefil, Encarnacion Emilia S. Yap*, Harold M. Monteclaro, Ernestina M. Peralta, Ruby P. Napata, Tabitha Ann Famatid</i>	G4.105
	17:00 – 17:20	Estimation of albacore tuna potential fishing zones in the Southeastern Indian Ocean <i>Suciadi C. Nugroho, Riza Y. Setiawan*, Djumanto, Susilo B. Priyono</i>	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 <i>Kanno Hayato*, Matsuishi Takashi Fritz</i>	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 <i>Khanh Q. Nguyen*, Binh V. Nguyen, Huyen T. Phan, Luong T. Nguyen, Phuong V. To and Hao V. Tran</i>	G4.105
	08:40 – 09:00	Ichthyofauna of Setiu Wetlands, Terengganu, Malaysia and its adjacent marine water <i>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*</i>	G4.105
	09:00 – 09:20	Dose movement of cultured substratum effect on the biomass of green caviar seaweed, <i>Caulerpa lentillifera</i> <i>Manthana Donnoklai, Rapeeporn Ruangchuay*, Saweit Chaimongkol, Nuttapong Bovornruangroj</i>	G4.105
	09:20 – 09:40	Towards building sustainability of a community managed mangrove protected area in the Verde Island Passage, Philippines <i>Mario A. Cudiamat*</i>	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) <i>Yeny Nadira Kamaruzzaman* & Muzzneena Ahmad Mustapha</i>	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 <i>Shazana Sharir*, Azhari Mohamad, SZakeyuddin, Farah Ayuni Farinordin, Nurfatim Zulkipli, Abdullah Samat, Amir Shah Ruddin and Shukor Md. Nor</i>	G4.105

10:40 – 11:00	DNA barcoding study of shelled gastropods in the intertidal rocky coasts of Terengganu, Malaysia <i>Nur Ilham Syahadah Mohd Yusoff, Izwandy Idris, Azwarina Mohd Azmi Ramasamy, Han Ming Gan, Nursalwa Baharuddin, Min Pau Tan*</i>	G4.105
11:00 – 11:20	Effect of different transportation strategies on the daily growth rate, bacterial count, and phenotypic characteristics of <i>Kapapphyucus</i> species <i>Ma. Ryndellyn T. Cabanas, Jonalyn P. Mateo*, Anicia Q. Hurtado, Maria Rovilla J. Luhan</i>	G4.105
11:20 – 11:40	Mangrove composition, ecosystem services and management practices in Barangay Buenlag, Binmaley, Pangasinan, Philippines <i>Geronimo R. Rosario, Lorena Felix-Aquino, Jennie B. Fernandez*, Rosie S. Abalos¹ and Kristine E. Tamayo</i>	G4.105
11:40 – 12:00	Complete mitochondrial genomes of peacock eel (<i>Macrognathus siamensis</i>) and phylogenetic relationships among synbranchiformes <i>Oanh T. Truong, Sang Q. Tran, Binh T. Dang*</i>	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 (<i>Portunus pelagicus</i>) instar in Bantayan Island, Cebu, Philippines <i>Brandon Briggs*</i>	G4.105
13:20 – 13:40	Litter decay and nutrient discharge in mangroves, with significant assistances of microbes and detritivores on ecosystem functions <i>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</i>	G4.105
13:40 – 14:00	Mitochondrial genome-wide analysis: Phylogenetic network and divergent timeline of pangasiidae <i>Sang Q. Tran, Oanh T. Truong, Quyen D.H. Vu, Binh T. Dang*</i>	G4.105
14:00 – 14:20	Reproductive aspect of the coastal trevally <i>Turram coeruleopinnatum</i> From Terengganu Waters, South China Sea, Malaysia <i>Muhammad Hanif Fadzli*, Tun Nurul Aimi Mat Jaafar, Nuralif Fakhrullah Mohd Nur, Mohd Sharol Ali, Min Pau Ta, Rumeaida Mat Piah</i>	G4.105
14:20 – 14:40	Some aspects on reproductive biology of female mud crab, <i>Scylla olivacea</i> , from two different localities in the Southern Region Of Thailand <i>Husneya Rensep*, Sukree Hajisamae, Yutaka Takeuchi, Sofiyudin Maae, Sitthisak Jantararat, Supaporn Saengkaew</i>	G4.105

14:40 – 15:00	Molecular identification of anchovy species (<i>teleostei: engraulidae</i>) 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, <i>Scylla olivacea</i> 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, <i>Eleutheronema tetradactylum</i> and its relationship with other fish species in Pattani Bay, Thailand Teuku Haris Iqbal* , Sukree Hajisamae, Apiradee Lim, Sitisak Jantararat, 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		
	<i>Chairperson: Assoc.Prof.Dr.Mai Thi Tuyet Nga and Prof.Dr.Mochammad Amin Alamsjah</i>		
	13:00 – 13:20	Antibacterial activity of protein hydrolysate from Snakehead fish by-product against biogenic amine producing bacteria <i>Masagus M. P. Putra*</i> , Venny Agustin, Giffarri Ahsan, Muhammad Y. Al-Hammam, Indun D. Puspita	Hall 1
	13:20 – 13:40	Application of <i>Lactobacillus plantarum</i> 035 (s13) in the optimization and quality evaluation of fermented-dried boneless milkfish <i>Chanos chanos</i> <i>June Rey A. Montajes*</i> , 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 <i>Amir Husni*</i> , Mohamad Gazali, Nurjanah, Zuriat, Fadzilah Adibah Abdul Majid, Rina Syafitri	Hall 1
	14:00 – 14:20	Depuration of Bivalves for food safety <i>Roslizawati Ab Lah*</i> , Sharifah Noor Emilia Syed Fadaak, Umami 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 <i>Thi Bich Thuy Tran*</i> , Thi To Uyen Dang, Dinh Khuong Nguyen, Van Quan Vuong	Hall 1
	14:40 – 15:00	Drivers affecting supply chain strategy - A case study of Vietnam's Pangasius export industry <i>Nguyen Thi Tram Anh*</i> , Nguyen Thi Quynh Trang	Hall 1
	15:00 – 15:20	Coffee break and Poster Presentation	Poster areas
	Session 6: EAFTA		
	<i>Chairperson: Assoc.Prof.Dr. Nguyen Van Minh and Dr. Roslizawati Ab. Lah</i>		
	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 <i>Gaoshang Li*</i> 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 <i>Huong Thi Thu Dang*</i> , 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 <i>Viet Tran Nu Thanh Bui*</i> , Bach T. Nguyen, Taco Nicolai	Hall 1

	16:20 – 16:40	Effects of drying temperature on the sensory qualities of dried Bali Sardines (<i>Sardinella lemuru</i>) 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 squid (<i>Loligo chinensis</i>) during the preservation <i>Boi N. Vu, Trang M.T. Nguyen, Minh Q. Vu, Van-Thi Nguyen*</i>	Hall 1
	17:00 – 17:20	Evaluation of weight composition of Pangasius (<i>Pangasianodon hypophthalmus</i>) 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 <i>Nguyen Thi Kim Anh, Nguyen Thi Tram Anh, Tran Thuy Chi*</i>	Hall 1
	08:40 – 09:00	Investigate factors affecting the fermentation process of Kombucha tea from sea grapes <i>Caulerpa racemose</i> 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 <i>John Rey T. Rasgo, Jonalyn P. Mateo*, Rema C. Sibonga, Victor Marco Emmanuel N. Feriols, Anicia Q. Hurtado, Maria Rovilla J. Luhan</i>	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 <i>Gracilaria verrucosa</i> 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 (<i>Pangasianodon hypophthalmus</i>) Vinh Q. Pham* , <i>Thinh Q. Nguyen, Luan C. Nguyen, Phu M. Tran</i>	Hall 1
11:00 – 11:20	Physico-chemical characteristics and antioxidant properties of reduced-salt fermented green mussel (<i>Perna viridis</i>) <i>Maria France Q. De Vergara, Ernestina M. Peralta, Sharon N. Nuñal, Lhumen A. Tejano*</i> , <i>Jose P. Peralta</i>	Hall 1
11:20 – 11:40	Preliminary analysis of factor influencing recreational fishing in Kuala Nerus, Terengganu Abdullah Mohamad* , <i>Mohd Uzair Rusli, Aslina Nasir, Shazana Sharir, Nur Fatihah Shaari</i>	Hall 1
11:40 – 12:00	Processing of frozen fish balls product in UD. Family Food Gresik Brigitta Stella Audrynachristie* , <i>Dhena Celia Haryadi Puteri, Yunin Tias Triayusi Purbaningrum</i>	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* , <i>Roslizawati Ab Lah, Sharifah Noor Emilia Syed Faadak, Noordiyana Mat Noordin</i>	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* , <i>Fadhila Rahmansyah Putra, Farid Rizki Amiru, Muhamad Amin S.Pi.</i>	Hall 1
13:40 – 14:00	Seasonal and locational variations in different lipid classes of Pacific oyster (<i>Crassostrea gigas</i>) cultured in Khanh Hoa coast <i>Kakooza Derrick, Anh P.T. Tran, Minh V. Nguyen*</i>	Hall 1
14:00 – 14:20	Socio-economic status of small-scale fishermen and their livelihood economy in Marang, Terengganu, Malaysia Alfian Zein* , <i>Miza Nursyazwin binti Shuamai</i>	Hall 1
14:20 – 14:40	The effect of combination of Cinnamon and Mucilago amili on the sensoric properties of granule <i>Arthrospira platensis</i> <i>Maria D. Candraningsih, Aida W. Elmaghriba, Nurfitri Ekantari*</i>	Hall 1
14:40 – 15:00	The effect of photooxidation during storage on the characteristics of flakes fortified with <i>Arthrospira platensis</i> carotenoid nanocapsules <i>Bagas Christiano Panjaitan and Siti Ari Budhiyanti*</i>	Hall 1
15:00 – 15:20	Coffee break and Poster Presentation	Poster area

Session 6: EAFTA		
<i>Chairperson: Dr. Tran Thi My Hanh and Dr. Aslina Nasir</i>		
15:20 – 15:40	The effect of repeated freezing-thawing on quality of tuna fish balls <i>Abu Bakar Jiwo Seto, Nurfitri Ekantari, Prihati Sih Nugraheni*</i>	Hall 1
15:40 – 16:00	The muscle organization of <i>Episesarma Singaporense</i> , as an important searma crab from Thailand Phimolnard Chomchuen* , Pornthep Wirachwong, Supparat Kong-Oh, Wannee Jiraungkoorskul, Gen Kaneko, Sinlapachai Senarat, Supapong Imsonpang, Atsuo Iida, 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 Fazliana Mohtar*	Hall 1
16:20 – 16:40	The effect of substituting wheat flour with a combination of milkfish bone flour (<i>Chanos chanos</i>) and seaweed flour (<i>Kappaphycus alvarezii</i>) on the characteristics of dried noodles <i>Insiyah Rizqiyannah, Mochammad Amin Alamsjah*</i> , and Dwi Yuli Pujiastuti	Hall 1
16:40 – 17:00	Quality index method schemes for sensory evaluation of fresh/chilled pompano (<i>Trachinotus blochii</i>) 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 (<i>Cleistocalyx operculatus</i>) Xuan Duy Nguyen* , Thi My Hanh Tran	Hall 1

ORAL PRESENTATION 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 <i>Quyên T. K. Nguyen*</i> , 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 <i>Nguyen Thi Kim Anh, Nguyen Thi Tram Anh, Tran Thuy Chi*</i>	G6.104
	13:40 – 14:00	Status of fishery of Hilsa shad <i>Tenualosa ilisha</i> Hamilton, 1822 in Wayar Chaung village, Ayeyarwady region <i>Soe Soe Htwe*</i> , Cherry Aung, Thida Soe	G6.104
	14:00 – 14:20	Interaction effect of rock lobster puerulus collectors on catch rates <i>Anes Dwi Jayanti*</i> , 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 <i>Cherry Aung, Thi Thi Htike*</i> , Mg Maung Wai Phyo, 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 <i>Raymie Nurhasan*</i> , 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 <i>Cherry Pilapil Añasco*</i> , 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 <i>Hang T. T. Tran*</i> , Thang N. Ha, Tram D. Q. Nguyen	G6.104
	16:00 – 16:20	Giant clam: Endangered species in Malaysian coastal waters <i>Mohd Hanafi Idris*</i> , 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 <i>Wiwiet Teguh Taufani, Matsuishi Takashi Fritz*</i>	G6.104

	16:40 – 17:00	The relationship of otolith size to the length and weight of indo-pacific king mackerel (<i>Scomberomorus guttatus</i>) 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 <i>Scleropages formosus</i> (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: Dr. Nguyen Trong Luong 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, <i>Amblygaster sirm</i> 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, <i>Scylla</i> 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 <i>Carcharhinus leucas</i> 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 <i>Edwardsiella ictaluri</i> And <i>Aeromonas Hydrophila</i> Isolated From <i>Pangasianodon hypophthalmus</i> 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 <i>Nocardia seriolae</i> 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 <i>Oreochromis spp.</i> 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 <i>Streptococcus agalactiae</i> And <i>S. iniae</i> Mohd Faizal* , Syafiq Ridzuan, M Nur-Nazifah	G6.104
14:20 – 14:40	Antibacterial Activity Of Gold Nanoparticles Synthesized By <i>Melaleuca cajuputi</i> Leaves Extract Against <i>Vibrio parahaemolyticus</i> 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 (<i>Clarias gariepinus</i> 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 <i>Bdellovibrio Sp.</i> As A Biocontrol Agent Against <i>Vibrio Sp.</i> 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 (<i>Oreochromis niloticus</i>) 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 <i>Nocardiopsis spp.</i> and in silico analysis targeting LuxT of <i>Vibrio parahaemolyticus</i> 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 <i>Kappaphycus alvarezii</i> using brown seaweed liquid extracts from <i>Ascophyllum nodosum</i> and <i>Laminaria digitata</i> 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 (<i>Caranx ignobilis</i>) 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 (<i>Litopenaeus vannamei</i>) farming Hong T B Truong* and Huy D Nguyen	PS1.03
4	Effects of different light intensities on the growth and survival rate of Black Apple snail (<i>Pila polita</i>) 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 (<i>Geloina coaxans</i>) 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 (<i>Oreochromis sp.</i>) <i>Aveananta Bayuesaruka</i> , Evy Sholehah Afnur, Indah Istiqomah* , Bambang Triyatmo, Alim Isnansetyo, Rustadi	PS1.06
7	Extracts from brown seaweed <i>Sargassum</i> : its effect in promoting growth of <i>Kappaphycus striatus</i> (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 (<i>Scylla paramamosain</i>) 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 <i>Eucheuma denticulatum</i> 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 (<i>Gnathanodon speciosus</i>) in Khanh Hoa province, Viet Nam Ngo Van Manh* , Hoang Thi Thanh, Pham Duc Hung, Le Minh Hoang	PS1.11
12	The effect of photoperiod on growth, survival and coefficient variation of eels (<i>Monopterus albus</i>) 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, <i>Chlorella sp.</i> UMT LF2 for bioremediation of <i>Litopenaeus vannamei</i> culture system and harvesting using bio-flocculant, <i>Aspergillus niger</i> 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 (<i>Tridacna squamosa</i> Lamarck, 1819) Phung Bay, Nguyen Van Minh* , Ngo Anh Tuan, Tran Thi Hien	PS1.15
16	Experimenting and developing an environmental friendly oyster (<i>Crassostrea rivularis</i>) 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 <i>Hermetia illucens</i> as feed additive on growth performance of seabass <i>Lates calcarifer</i> Bloch, 1790 Tu P. C. Nguyen* , Ha N. Nguyen, Nhan T. Dinh	PS2.01
2	The chemical composition <i>Azolla pinnata</i> , <i>Eichhornia crassipes</i> (mart.) solms and <i>Hydrilla verticillata</i> 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 <i>Magallana bicanata</i> 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 <i>Hermetia illucens</i> 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 <i>Monopterus albus</i> 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 <i>Pangasianodon hypophthalmus</i> 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 <i>Hermetia illucens</i> meal in diets on performance of Asian seabass <i>Lates calcarifer</i> 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 <i>Pangasianodon hypophthalmus</i> 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 <i>Trachinotus blochii</i> 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 <i>Eucheuma denticulatum</i> 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 <i>Rohaya Salah, Supinya Thapthong, Saweit Chaimongkol, Pochanart Kanjan*</i>	PS2.14
15	Growth performance of Nile tilapia fed with different levels of ipil-ipil <i>Leucaena leucocephala</i> leaf meal supplemented diet <i>Shailesh Gurung, Juli-Anne Royes Russo, Nabin Chalaune, Ashish Chaudhary, Subodh Raj Bhattarai*, Suraj Kumar Singh</i>	PS2.15
16	Effect of the frequency adding sugar for the nursing giant freshwater prawn <i>Macrobrachium rosenbergii</i> larvae applying biofloc technology <i>Pham Minh Truyen</i> *, 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 <i>Acusicola</i> sp. (Copepoda: Ergasilidae) From Rabbitfish (<i>Siganus guttatus</i>) Truong Thi Hoa* , Tran Nam Ha	PS3.01
2	A Mixture Supply Of <i>Psidium guajava</i> L. And <i>Azadirachta indica</i> Extract Strongly Enhance The Immune Responses, Antioxidant, As Well As Disease Resistance In Red Tilapia (<i>Oreochromis</i> 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 <i>Artemia franciscana</i> cultured in Vinh Chau salt pans 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 <i>Artemia franciscana</i> culturing in Vinh Chau salt pans Le Van Thong* , Nguyen Thi Hong Van and Nguyen Van Hoa	PS3.04
5	Presence Of Anisakis (Nematoda) On Sardine (<i>Sardinella spp.</i>) And Scad (<i>Decapterus spp.</i>) 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 (<i>Monopterus albus</i>) 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 (<i>Monopterus albus</i> 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 <i>Edwardsiella ictaluri</i> On Striped Catfish (<i>Pangasianodon hypophthalmus</i>) 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 <i>Vibrio parahaemolyticus</i> 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 <i>Trachinotus blochii</i> (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 (<i>Litopenaeus vannamei</i>) 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 (<i>Acartia sp.</i>) 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 <i>Strombus canarium</i> (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 (<i>Lutjanus malabaricus</i>) 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 (<i>Wallago attu</i>) 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 <i>Paphia undulata</i> Vu Trong Dai* , Ngo Anh Tuan, Ngo Thị Thu Thao	PS4.07
8	Reproductive biology of <i>Pangasius macronema</i> 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 <i>Channa striata</i> 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 (<i>Litopenaeus vannamei</i>) farming Truong Thi Bich Hong* , Huy D Nguyen	PS5.05
6	Fishing techniques of gulamah (<i>Argyrosomus amoyensis</i>) 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 <i>Pangasius nasutus</i> 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 <i>Pangasius nasutus</i> (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 <i>Pholas orientalis</i> in Western Visayas, Philippines Anne Brigitte Ledesma* , Tabitha Anne Famatid, Harold Monteclaro	PS5.11
12	The governance of angelwing clam fishery in Western Visayas, Philippines Anne Brigitte 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.Tamooah, 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 <i>Gnathanodon speciosus</i> 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

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 (<i>Crassostrea gigas</i>) 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 (<i>Katsuwonus pelamis</i>) 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 (<i>Thunnus albacares</i>) 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 (<i>Katsuwonus pelamis</i>) 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 (<i>Momordica cochinchinesis spreng</i>) pulp extract for fish oil preservation Dao L.A. Nguyen* , Duyen T.K. Huynh, Thinh 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 <i>Gracilariopsis heteroclada</i> 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

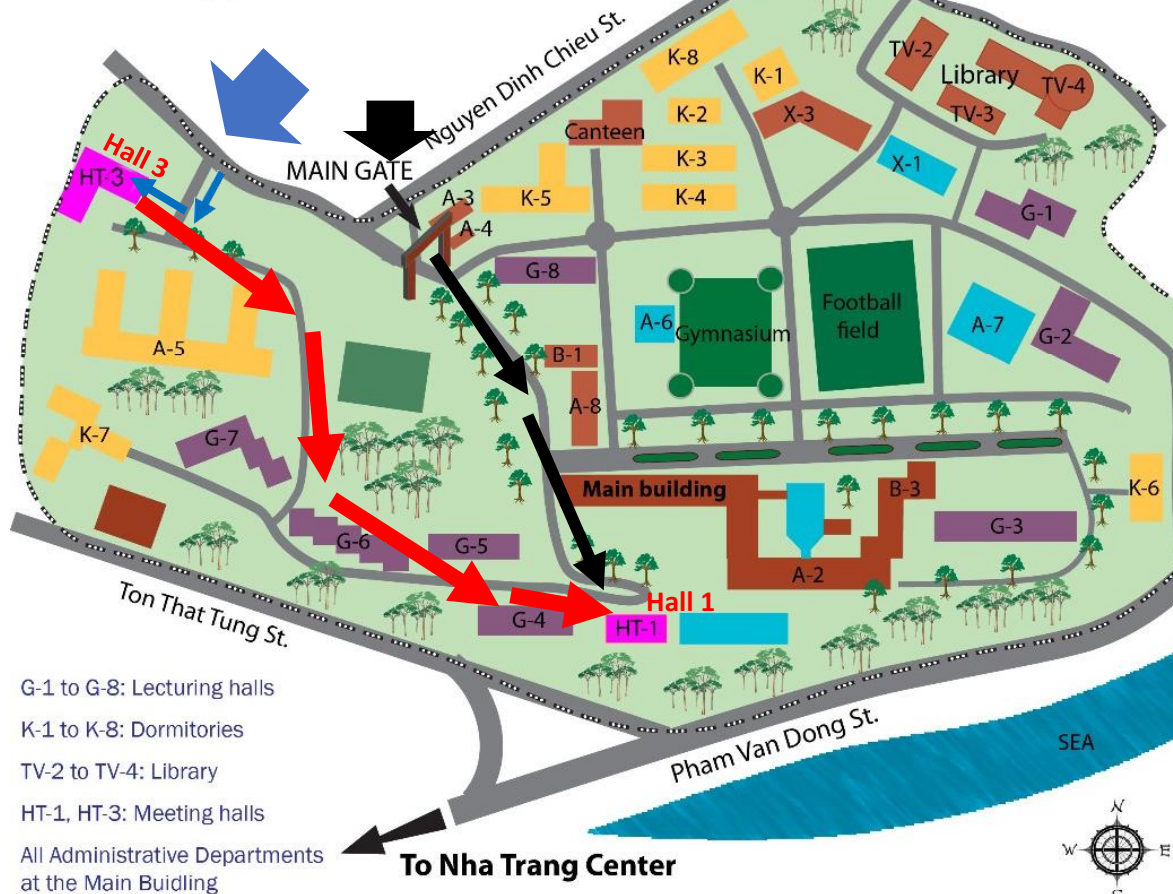
13	Functional characteristics of protein isolates and hydrolysates from slipper cupped oyster (<i>Crassostrea iredalei</i>) <i>Karmelie Jane M. Monaya, Honey Lyn R. Gomez, Lhumen A. Tejano*, Jose P. Peralta</i>	PS6.13
14	Nutritional composition and consumer preference of restructured tuna fillet treated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

NHA TRANG UNIVERSITY MAP

NHA TRANG UNIVERSITY

NHA TRANG CAMPUS

02 Nguyen Dinh Chieu St.



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>).