



WEDNESDAY, April 27

PLENARY

Wednesday, April 27 9:00 - 10:20 Ballroom

- 9:00 WELCOME**
- 9:20 Dr. Patrick Sorgeloos**
AQUACULTURE: THE BLUE BIOTECHNOLOGY OF THE FUTURE
- 9:50 Dr. Endhay Kontara**
INDONESIAN AQUACULTURE: PROFITABILITY, SUSTAINABILITY AND RESPONSIBILITY FOR THE FUTURE

**AQUAPONICS AND INTEGRATED AQUACULTURE —
AGRICULTURE SYSTEMS**

Wednesday, April 27 11:00 - 12:30 Crystal 1
Chair: Anang Hari Kristanto

- 11:00 Frahad Rajabipour**, Nassrin Mashaii, Habib Sarsangi,
Mohammad Mohammadi, Abbas Matinfar
TILAPIA CULTURE IN AQUAPONIC SYSTEM, IRAN
- 11:20 Ibrahim Belal**, Radhakrishnan Subramanian
AQUAPONIC PRODUCTION SYSTEM OF LETTUCE *Lactuca sativa* AND NILE
TILAPIA *Oreochromis niloticus* ARID LAND AREA AT A COMMERCIAL LEVEL

- 11:40 J. Jed Brown**, Brian Warshay, Sgouris Sgouridis
INTEGRATED SEAWATER AQUACULTURE/AGRICULTURE SYSTEMS FOR
BIOENERGY PRODUCTION IN THE MIDDLE EAST: FEASIBILITY AND LIFE
CYCLE ANALYSIS

INNOVATIONS IN SMALLHOLDER AQUACULTURE TECHNOLOGY: AQUAFISH RESEARCH ON TILAPIA

Wednesday, April 27 11:00 - 14:10 Diamond 3

Chair: Hillary Egna, Ford Evans



- 11:00 Russell Borski**, Scott Salger, David Baltzegar, Jimi Reza, Md. Abdul Wahab
EFFECT OF PULSED FEEDING ON GROWTH, GUT METAGENOME, AND
INTESTINAL NUTRIENT TRANSPORTERS OF TILAPIA IN POND CULTURE
- 11:20 Nazael A. Madalla**, Tausi Ally, Sebastian W. Chenyambuga
EVALUATION OF HOUSEFLY *Musca domestica* MAGGOT MEAL AS PROTEIN
SOURCE IN NILE TILAPIA *Oreochromis niloticus* DIETS
- 11:40 Narayan P. Pandit**, Rahul Ranjan, Nabin B. Khanal, Madhav K. Shrestha,
James S. Diana
EFFICACY OF COMMON CARP *Cyprinus carpio* TESTIS ENDUCING SEX
REVERSAL OF NILE TILAPIA *Oreochromis niloticus*
- 12:00 Sebastian Chenyambuga**, Elibariki Msuya, Nazael Madalla
ASSESSMENT OF VALUE CHAIN OF FARMED NILE TILAPIA *Oreochromis
niloticus* IN COASTAL AND LAKE ZONES OF TANZANIA
- 12:20 LUNCH**
- 13:30 Liping Liu**, Andrews Apraku, Xiangjun Leng, Emmanuel J. Rupia,
Christian Larbi Ayisi
PERFORMANCE EVALUATION OF BLENDED VIRGIN COCONUT OIL ON
GROWTH, FEED UTILIZATION, BODY COMPOSITION, BODY FATTY ACIDS,
PLASMA METABOLITES OF NILE TILAPIA *Oreochromis niloticus* AND
RESISTANCE TO *Streptococcus iniae* CHALLENGE
- 13:50 Madhav K. Shrestha**, Rama N. Mishra, Mahendra Bhandari, James S. Diana
INCLUSION OF NILE TILAPIA *Oreochromis niloticus* AND SAHAR *Tor putitora*
IMPROVES PRODUCTIVITY IN CARP-POLYCULTURE SYSTEM

FINFISH BROODSTOCK MATURATION

Wednesday, April 27 11:00 - 15:20 Crystal 2

Chair: Rudhy Gustiano

- 11:00** **Nurul Tri Jayanti**, Ena Sutisna, Wahyu Budi Wibowo, Ma'in
 THE IMPROVEMENT BROODSTOCK MANAGEMENT TECHNIQUES FOR
 SUCCESSFUL HATCHERY BUSINESS SILVER BARB FISH *Leptobarbus hoevenii*
 (BLEEKER)
- 11:20** **Asmanik**, Akhmad Murtadho, Bambang B. Rahardjo
 GONADAL MATURATION OF CANDIDATE BROODSTOCK COBIA *Rachycentron*
canadum WITH COMMERCIAL PELLETTED FEED IN FLOATING NET CAGE
- 11:40** **Faisal Andre**, Tinggal Hermawan, Ahmad Nur Ilham, Yahya Sulaeman
 EGG PRODUCTION EFFORTS TO ACHIEVE CONTINUITY OF SILVER POMPANO
Trachinotus blochii
- 12:00** **Faisal Andre**, Yahya Sulaeman, Ahmad Nur Ilham, Tinggal Hermawan
 NATURAL SPAWNING FOR SILVER POMPANO *Trachinotus blochii* (LACEPEDE)
 WITH RECIRCULATION SYSTEM
- 12:20** **LUNCH**
- 13:30** **Ahmad Nur Ilham**, Ade Harwono, Yahya
 THE DIFFERENCE OF RECIRCULATION TANK SYSTEM AND WATER FLOW
 SYSTEM FOR BREEDING PARENT STOCK OF SEABASS *Lates calcalifer*
 (BLOCH)
- 13:50** **Ahmad Nur Ilham**, Faisal Andre S., Yahya
 THE TECHNOLOGY IMPROVEMENT FOR MANAGING PARENT STOCK OF
 SILVER POMPANO *Trachinotus blochii* (LACEPEDE) IN PROVIDING BETTER
 QUALITY OF EGGS FOR SUSTAINABLE SEEDS AVAILABILITY

SHRIMP GENETICS, BROODSTOCK AND HATCHERY MANAGEMENT

Wednesday, April 27 11:00 - 15:20 Diamond 5

Chair: Agus Somadiharja

BLUE AQUA

- 11:00 Jason Crisp**, James Tweedley, Frances D'Souza, Gavin Partridge, Navid Moheimani
REPRODUCTIVE FACTORS AFFECTING THE CULTURING AND RESTOCKING OF THE WESTERN SCHOOL PRAWN *Metapenaeus dalli*
- 11:20 Suastika Jaya**, Media Graha, Ngurah Yasa
MODULAR MATING SYSTEM APPLICATION FOR IMPROVING THE MATING RATE OF VANNAME BROODSTOCK
- 11:40 Lutfi Anshory**, Ngurah Yasa, Suastika Jaya
SPERMATOPHORE RECOVERY OF WHITE SHRIMP *Litopenaeus vannamei* BY FEMALE INOCULATION AND ADDITION MANGOSTEEN EXTRACT
- 12:00 Ibnu Sahidir**, Abidin Nur
PISANG SHRIMP, AN INDIGENOUS SHRIMP OF ACEH, FROM HATCHERY TO GROWOUT POLYCULTURE
- 12:20 LUNCH**
- 13:30 Abidin Nur**, Teuku Ridwan, Ketut Sugama
OPPORTUNITY OF PISANG SHRIMP AS ALTERNATIVE AQUACULTURE SPECIES IN INDONESIA
- 13:50 Teuku Ridwan**, Abidin Nur
GROWTH OF PISANG SHRIMP *Penaeus* sp. IN EARTHEN POND
- 14:10 Baharuddin Tardin**, Hasanuddin Hasan, Bahri Zulkifli, Abidin Nur
TEMPERATURE 31-32 OC COULD INCREASE PL SEED PRODUCTION OF LOCAL SPECIFIC ACEH SHRIMP (PISANG SHRIMP)
- 14:30 Muhammad A. Manaf**, Zainal Arifin, Abidin Nur
PERFORMANCE OF WILD TIGER SHRIMP OF ACEH VS. F8 TIGER SHRIMP OF JEPARA
- 14:50 Zaenal Arifin**, M. Soleh, Deshinta Arie Widyany, Bayu Romadhona
REPRODUCTIVE PERFORMANCE OF GIANT TIGER SHRIMP *Penaeus monodon* (FAB.) INTROGRESSION G8IJ WITH MALE OF PANGANDARAN

INDONESIA SHRIMP FARMERS DAY

Wednesday, April 27 11:00 - 17:20 Ballroom

Chair: TBA

SEAWEEDS AND ALGAE

Wednesday, April 27 11:00 - 17:20 Crystal 3

Chair: Sugeng Raharjo, Rani Pong-Masak

- 11:00 Luis F. Valenzuela**, Yew-Hu Chien
COMPARISON OF DPPH FRAP AND TAS ANTIOXIDANT ACTIVITY ASSAYS AGAINST TPC FOR DETERMINATION OF ANTIOXIDANT ACTIVITY OF VARIOUS ALGAE FROM TAIWAN
- 11:20 Ma'ruf Kasim**, Ahmad Mustafa, Muzuni, Wardha Jalil
COMPARISON GROWTH OF *Kappaphycus alvarezii* (DOTY) CULTIVATION IN FLOATING CAGE AND LONGLINE IN INDONESIA
- 11:40 Andi Elman**, Akmal, Lideman, Hamzah, Syamsul Bahri, Mutmainna, Sugeng Raharjo
GROWTH AND THE PRODUCTION OF *Kappaphycus alvarezii* THE RESULTS OF TISSUE CULTURE WITH VARIATIONS IN DISTANCE DIFFERENT FROM THE BEACH
- 12:00 Valentina R. Iriani**, Zahria Anis
THE GROWTH OF TISSUE CULTURED OF SEAWEED *Kappaphycus alvarezii* SEED BY CONWAY AND GUILARD FERTILIZER
- 12:20 LUNCH**
- 13:30 Asmanik**, Verly Dharmawati, Safe'i, Nico Runtuboy
THE EFFECT OF DIFFERENT INITIAL WEIGHT TO GROWTH OF TISSUE CULTURED SEAWEED *Kappaphycus alvarezii* SEEDS
- 13:50 Rusman Hussein**, Ujang Komarudin, Baiq Sukarniati
SURVIVAL RATE AND GROWTH OF TISSUE CULTURE SEAWEED *Kappaphycus alvarezii* IN AQUARIUM
- 14:10 Rusman Hussein**, Ujang Komarudin, Robert Pensa Maryunus
GROWTH PERFORMANCE OF TISSUE CULTURE RED SEAWEED *Kappaphycus alvarezii* SEEDLING AT VID BANGIR BAY, TUAL, MOLUCCAS PROVINCE, INDONESIA

- 14:30 Nico Runtuboy**, Andi Permata, Edi Supriatna, Slamet Abadi
PACKING TECHNOLOGY OF SEAWEED *Kappaphycus alvarezii* SEED WITHOUT WATER
- 14:50 Akmal**, Andi Elman, Lideman, Hamzah
THE QUALITY OF KARAGINAN CONTENT, VISCOSITY, GEL STRENGTH AND HEAVY METALS ON SEAWEED *Kappaphycus alvarezii* THE TISSUE CULTURE CULTIVATED WITH THE LONGLINE
- 15:30 BREAK**
- 16:00 Sugeng Raharjo**, Dasep Hasbullah, Jumriadi, Harnita Agusanty
DEVELOPMENT OF LAWI-LAWI AQUACULTURE *Caulerpa* sp. IN LAIKANG BAY, TAKALAR DISTRICT, SOUTH SULAWESI AS SUSTAINABLE AQUACULTURE TO ENCOURAGE NATIONAL FOOD SECURITY
- 16:20 Anytha Purwareyni Umbas**, Ridho Karya Dongoran, Stenly J. Ferdinandus, Yustina L.D. Wambrauw
A CASE STUDY IN ANALYZING SEAWEED VALUE CHAIN IN MALUKU PROVINCE FOR ACCESSING MARKET; A LESSON LEARNED FROM MARKET ACCESS FOR FOOD SECURITY COURSE

DISEASES

Wednesday, April 27 11:00 - 17:20 Crystal 4
Chairs: Liqun Lu, Muhariyadi, Taukhid

- 11:00 Saengchan Senapin**, Ha Thanh Dong, Watcharachai Meemetta, Akasit Siriphongphaew, Walaiporn Charoensapsri, Wanida Santimanawong, Warren A. Turner, Channarong Rodkhum, Boonsirm Withyachumnarnkul, Rapeepun Vanichviriyakit
HAHELLOSIS, A NOVEL RED EGG DISEASE IN TILAPIA *Oreochromis* spp. HATCHERIES CAUSED BY THE MARINE BACTERIUM *Hahella chejuensis*
- 11:20 Ha Thanh Dong**, Vuong V. Nguyen, Hai D. Le, Pakkakul Sangsuriya, Sarocha Jitrakorn, Vanvimon Saksmerpromme, Saengchan Senapin, Channarong Rodkhum
OCCURRENCE OF MULTIPLE INFECTIONS OF BACTERIA AND MEGALOCYTVIRUS DURING DISEASE OUTBREAKS IN NILE TILAPIA *Oreochromis niloticus* FARMS

- 11:40 Channarong Rodkhum**, Vuong V. Nguyen, Ha T. Dong, Saengchan Senapin, Nopadon Pirarat
Francisella noatunensis subsp. *orientalis* IS AN EMERGING THREAT OF RED TILAPIA *Oreochromis* sp. FARMS IN THAILAND
- 12:00 Ligu Lu**
 RESEARCH PROGRESS ON THE FIGHT AGAINST GRASS CARP HEMORRHAGIC DISEASE IN CHINA
- 12:20 LUNCH**
- 13:30 Putri Ramdhani**, Dinarti, Ratna Amalia Kurniasih
 CASES OF BACTERIAL INFECTIOUS DISEASES IN THE GROUPER AND THE ECONOMIC ANALYSIS ON MARINE CAGE CULTURE IN PANDEGLANG, BANTEN PROVINCE
- 13:50 Padel Purnama**, Indri Astuti, Edy Barkat Kholidin
 AGGLUTINATION METHOD FOR FAST IDENTIFICATION BACTERIA *Aeromonas hydrophila* ON FRESHWATER FISH
- 14:10 Edy Barkat Kholidin**, Indri Astuti, Padel Purnama, Kusnur Hadi, Arif Rahman, Messy Susanti, Zulkarnain
 RAPID DETECTION FOR IDENTIFICATION SOME BACTERIA DISEASE IN FISH
- 14:30 Dang Thuy Mai Thy**, Mai Hong Mi, Tran Thi Tuyet Hoa
 BIOLOGICAL CHARACTERISTICS OF *Achlya bisexualis* FROM FRESHWATER FISH IN THE MEKONG DELTA
- 14:50 Mohd-Syafiq Mohammad Ridzuan**, Siti-Zahrah Abdullah, Ismail Md. Salihin, Fahmi Sudirwan, Shahidan Hashim, Nur-Nazifah Mansor, Hanan Yusof, Firdaus-Nawi Mohd, Zamri-Saad Mohd
 FEED-BASED VACCINE: A PRACTICAL AND EFFECTIVE APPROACH AGAINST STREPTOCOCCOSIS IN CAGE-CULTURED RED TILAPIA IN MALAYSIA
- 15:10 Zengfu Song**, Biao Chen, Huadong Xu, Mengfan Peng, Qinghua Zhang
 STUDY ON SCREENING OF A QUORUM SENSING QUENCHING *Bacillus* sp. STRAIN AND ITS ANTIBACTERIAL EFFECT ON ZEBRAFISH
- 15:30 BREAK**
- 16:00 Luluk Widiyanti**, Riky Rismunandar, Joko Santosa
 MAP OF FISH DISEASE DISTRIBUTION IN WEST NUSA TENGGARA, INDONESIA

- 16:20 Kathy Tang**, Jee Han, Donald Lightner
DETECTION OF A MICROSPORIDIAN PARASITE *Perezia* sp. IN PENAEID SHRIMP FROM MADAGASCAR, MOZAMBIQUE AND THE KINGDOM OF SAUDI ARABIA THROUGH HISTOLOGICAL, *IN SITU* HYBRIDIZATION AND PCR ANALYSES
- 16:40 Bambang Hanggono**, Kathy F.J. Tang, Jee Eun Han, Yani Lestari N., Fatmawati, Sumin
DETECTION OF WHITE SPOT SYNDROME VIRUS (WSSV) IN COMMERCIAL SHRIMP FEED BY PCR
- 17:00 Manja Meyky Bond**, Betutu Senggagau, Tanjung Penataseputro
PIPER BETEL LEAF EXTRACT SPRAYED ON FEED TO CONTROL *Aeromonas hydrophila* DISEASE IN CATFISH *Clarias* sp.

CRABS AND LOBSTERS

Wednesday, April 27 08:30 - 15:30 Diamond 1

Chairs: Clive Jones, Bayu Priyambodo

- 11:00 Bayu Priyambodo**, Clive Jones, Samsul Bahrawi, Muhammad Hidayat, Jes Sammut
INCREASING THE CATCH OF LOBSTER SEED FOR THE DEVELOPMENT OF SPINY LOBSTER AQUACULTURE IN INDONESIA
- 11:20 Febriko Sapto D.**, Dony Prastowo, A. Haryono, Ach. Iskandar
MATURATION AND SPAWNING OF SPINY LOBSTER *Panulirus* sp.
- 11:40 Bejo Slamet**, Ibnu Rusdi
REARING OF SCALLOPED SPINY LOBSTER *Panulirus homarus* POST LARVAE WITH DIFFERENT FEED COMBINATION
- 12:00 Chenghui Wang**
GENETIC IMPROVEMENT AND BREEDING PRACTICE OF CHINESE MITTEN CRAB IN CHINA
- 12:20 LUNCH**

- 13:30 Md. Abdul Kader**, Norhidayah B. Mokhtar, Mahbuba Bulbul, Mohammad Suhail B. Salehuddin, Md. Asaduzzaman, Abol Munafi B.A. Bolong, Mazlan B. Abd. Ghaffar
INTERACTIVE EFFECT OF FISHMEAL REPLACEMENT AND SUPPLEMENTATION OF PHOSPHOLIPID ON GROWTH PERFORMANCE, FATTY ACID COMPOSITION AND HEALTH PARAMETERS OF MUD CRAB *Scylla paramamosain*
- 13:50 Lisa Ruliaty**, Darmawan A., Agus Basyar A.H.
SWIMMER CRAB CULTURE IN THE PONDS. WHY NOT?
- 14:10 Lisa Ruliaty**, Darmawan A., Agus Basyar A.H.
SWIMMER CRAB *Portunus pelagicus* PRODUCTION IN POND
- 14:30 Sutia Budi**
PERFORMANCE AND SURVIVAL RATE OF MANGROVE CRAB *Scylla* spp. SEEDS ON HATCHERY UNIT IN SOUTH SULAWESI
- 14:50 Yuni Hastuti**, Iman Rusmana
THE ACTIVITIES of NH₄⁺ and NO₂⁻ OXIDIZING BACTERIA IN A RECIRCULATING AQUACULTURE SYSTEM FOR MUD CRAB *Scylla serrata* CULTURE
- 15:10 Agus Kurnia**, Wellem Muskita, Yusnaini Muhammad, Oce Astuti, Muhaimin Hamzah
USE OF FISH HEAD MEAL IN THE FORMULATED DIET FOR TROPICAL SPINY LOBSTER *Panulirus ornatus* REARED IN THE FLOATING NET CAGES

SHRIMP FEEDING AND NUTRITION

Wednesday, April 27 11:00 - 17:20 Crystal 5

Chair: Zuridah Merican

- 11:00 Peter Blyth**, Danthai Thongphiew
INCREASED SHRIMP PERFORMANCE USING PASSIVE ACOUSTIC FEEDING CONTROL
- 11:20 Alberto Nunes**, Lena Burri, Otavio Castro
ASTAXANTHIN OIL FROM ANTARCTIC KRILL IMPROVES GROWTH AND SENSORY CAUDAL PROFILE OF WHITE SHRIMP *Litopenaeus vannamei* REARED UNDER HYPERSALINE CONDITIONS
- 11:40 Alberto Nunes**, Lena Burri, Nils Aas
A REVIEW ON THE USE OF KRILL MEAL IN SHRIMP FEEDS
- 12:00 Ekachai Jenwitheesuk**, Fridtjof Galster, Andreas Lewke, Tilman Wilke
SOLUBLE ACIDIFIERS IN A SHRIMP *L. vannamei* TRIAL
- 12:20 LUNCH**
- 13:30 Ekachai Jenwitheesuk**, Niti Chuchird, Monika Korzekwa, Andreas Lewke, Susanne Kirwan
HELLO POND – TRIALLING A FLAVANOID PRODUCT FOR SHRIMP *L. vannamei* UNDER PRACTICAL FARM CONDITIONS
- 13:50 Hamsah Amiruddin**, Marwa Tantu, Ramlan Oke
COMBINATION OF DIFFERENT TYPES OF FEED ARTIFICIAL GROWTH AND SURVIVAL OF ARTEMIA
- 14:10 Hamida Pattah**, Rusli Raiba, Rochman Subiyanto
APPLICATION ON ENRICHMENT FEED VANAME SHRIMP *Litopenaeus vannamei* IN FLOATING NET
- 14:30 Gian Carlo Maliwat**, Janice Ragaza
GROWTH AND IMMUNE RESPONSE OF GIANT FRESHWATER PRAWN *Macrobrachium rosenbergii* POST-LARVAE FED DIETS CONTAINING *Chlorella vulgaris*
- 14:50 Asda Laining**, Usman, Ike Trismawanti
DIETARY CAROTENOIDS IN PREMATURATION DIET ENHANCES GONADAL MATURATION AND TOTAL CAROTENOID CONTENT IN SEVERAL TISSUES OF POND REAREAD BLACK TIGER SHRIMP *Penaes monodon*
- 15:10 Jan Anné**, Tina Rogge, Jeroen Baeyens
A NOVEL FEED ADDITIVE (PROVIFEED™NOSPOT) WITH POTENTIAL FOR CONTROLLING WHITE SPOT SYNDROME VIRUS (WSSV) OUTBREAKS

15:30 BREAK

16:00 Sitti Faridah, Haruna, Jumriadi, Muhammad Tahang
EFFECTIVENESS OF THE ADDITION OF *Spirulina platensis* IN ARTIFICIAL FEEDING FERMENTED AGAINST TIGER SHRIMP SEED PRODUCTIVITY

16:20 Muhammad Hattah Fattah, Sitti Rahbiah Busaeri, Hasrun Abdullah
THE USE OF PHRONIMA SUPPA *Phronima* sp. INSTEAD OF ARTEMIA IN TIGER SHRIMP *Penaeus monodon* HATCHERY

SUSTAINABLE DEVELOPMENT OF AQUACULTURE

Wednesday, April 27 11:00 - 17:20 Diamond 2

Chair: Richard Barus



Rabobank

11:00 Patrik Henriksson, Chadag Mohan, Nhuong Tran, Chin Yee Chan, Prime Rodriguez, Sharon Suri, Michael Phillips
EXPLORING ALTERNATIVE AQUACULTURE FUTURES IN INDONESIA

11:20 Joshua Oakley, Arthur Gold, David Bengtson
AQUACULTURE CARRYING CAPACITY OF LAKE TOBA, INDONESIA

11:40 Melissa Mary Mathews, Tania Golingi, Tony Chiffings, Marjorie Lim, Neil David Hartstein
MARINE AQUACULTURE SPATIAL PLAN AS A TOOL FOR SOLVING POTENTIAL AQUACULTURE CONFLICTS

12:00 I. Patrick Saoud, Yara Daou, Nadim Farajalla
SOCIOECONOMIC IMPACT OF RAINBOW TROUT AQUACULTURE ALONG THE ASSI (ORONTES) RIVER IN HERMEL, LEBANON

12:20 LUNCH

13:30 Marjorie Lim, Neil D. Hartstein, Melissa M. Mathews, Tania Golingi, Tony Chiffings, Kim P. Jakobsen
THE USE OF NUMERICAL MODELLING TOOLS TO DETERMINE THE CARRYING CAPACITY AND SUSTAINABILITY OF FUTURE LARGE SCALE LOBSTER FARMING, SABAH, MALAYSIA

- 13:50** **Tarunamulia**, Akhmad Mustafa
APPLICATIONS OF FINER-SCALE GEOSPATIAL INFORMATION AND ANALYSIS TO SUPPORT THE SUSTAINABLE MANAGEMENT OF SILVOFISHERIES-BASED BRACKISHWATER AQUACULTURE: A CASE STUDY FROM SUBANG REGENCY, WEST JAVA PROVINCE, INDONESIA
- 14:10** **Lian Heinhuis**
SMALLHOLDER COOPERATION IN THE SEAFOOD SUPPLY CHAIN
- 14:30** **Wenbo Zhang**, Han Han
CHINA SEAFOOD SUSTAINABLE CONSUMPTION GUIDE
- 14:50** **Nejdet Gultepe**, Osman Sabri Kesbiç, Ümit Acar, Musa Bulut
FATTY ACID COMPOSITION AND GROWTH PERFORMANCE OF AXILLARY SEABREAM *Pagellus acarne* ON CULTURE CONDITION
- 15:10** **A. Indra Jaya Asaad**, Burhanuddin, Erfan A. Hendrajat, Mudian Paena
GOAL AND SCOPE IN EVALUATING SHRIMP AQUACULTURE GROWOUT IN POND: LIFE CYCLE ASSESSMENT APPROACH
- 15:30** **BREAK**
- 16:00** **Lestari Lakhsmi Widowati**, Restiana Wisnu Ariyati, Roel H. Bosma
SOCIO-ECONOMIC AND ECOLOGICAL CHARACTERISTICS OF AQUACULTURE IN VILLAGES THREATENED BY THE SEA IN DEMAK DISTRICT, NORTH JAVA
- 16:20** **Ibnu Sahidir**, Teuku ridwan, Saripuddin Mapaseli, Abidin Nur
CURRENT CONDITIONS OF ACEH EASTERN COAST SHRIMP FARMER AFTER TSUNAMI: A SHORT TRAINING-BASED SURVEY
- 16:40** **Janu Dwi Kristianto**, Sunardi, Iskandar
CARRYING CAPACITY OF TELUK LAKE, JAMBI CITY FOR COMMUNITY-BASED RED TILAPIA *Oreochromis* sp. CULTURE IN FLOATING NET CAGE
- 17:00** **Niki Nofari**, Candhika Yusuf
SEAFOOD SAVERS INITIATIVE, A GATEWAY TOWARDS GLOBAL SUSTAINABLE AND RESPONSIBLE AQUACULTURE CERTIFICATION

NUTRITION AND FEED

Wednesday, April 27 11:00 - 17:20 VIP Room 1

Chair: Hsiang-Pin Lan, Pamudi

WEDNESDAY

- 11:00** **Amit Ranjan**, N.P. Sahu, Ashutosh D. Deo, Sanath Kumar H., Sarvendra Kumar, K.K. Jain
STRATEGIES FOR ENHANCING NUTRIENT PROFILE OF DE-OILED RICE BRAN (DORB) THROUGH SOLID STATE FERMENTATION
- 11:20** **Roger Edward Mamauag**, Janice Ragaza
GROWTH AND FEED PERFORMANCE, DIGESTIBILITY AND ACUTE STRESS RESPONSE OF JUVENILE GROUPER *Epinephelus fuscoguttatus* FED DIETS WITH HYDROLYSATE FROM MILKFISH OFFAL
- 11:40** **Md. Sakhawat Hossain**, Shunsuke Koshio, Manabu Ishikawa, Saichiro Yokoyama, Nadia Mahjabin Sony, Manabu Usami, Sayoko Ono, Takeshi Fujieda
INOSINE SUPPLEMENTATION EFFECTIVELY PROVOKES THE GROWTH, IMMUNE RESPONSE, OXIDATIVE STRESS RESISTANCE AND INTESTINAL MORPHOLOGY OF JUVENILE RED SEA BREAM *Pagrus major*
- 12:00** **Veny Darmawiyanti**, Indah Zuraidah, Suratin
DEVELOPING *Ulva* sp. MEAL AS ALTERNATIVE INGREDIENT FOR GROUPER FEED
- 12:20** **LUNCH**
- 13:30** **Veny Darmawiyanti**, Sofiati, M. Murjani
APPLICATONS OF NURSERY FEED FOR MILKFISH WITH LOCAL RAW MATERIAL
- 13:50** **Zuliyati Rohmah**, Jin-Soo Kim, Seok-Jeong Kang, Byeong-Dae Choi
GROWTH AND PROXIMATE COMPOSITION OF SEA-REARED RAINBOW TROUT *Onchorynchus mykiss* FED WITH ASCIDIAN *Halocynthia roretzi* TUNIC CAROTENOIDS AND CONJUGATED LINOLEIC ACID (CLA)
- 14:10** **Agus Suriawan**, M. Murjani
APPLICATION OF rGH AS GROWTH SUPPLEMENT ON MILKFISH *Chanos chanos* (FORSKAL) CULTURE
- 14:30** **Wiwie Soemarjati**, Arif Zaenuddin, Bagus Statria Ramandhani
APPLICATION OF MINA GROW SUPPLEMENT ON MILKFISH *Chanos chanos* (FORSKAL) NURSERY IN THE POND

- 14:50 Akhmad Fairus Mai Soni**, Erik Sutikno, Puswati, Peni Dwi Susanti, I Made Suitha
ENZYMATIC CATALYST FEED ADDITIONS TO THE FEED FORMULATED TO INCREASE EFFICIENCY MILKFISH *Chanos chanos* (FORSKAL) PRODUCTION IN THE DISTRICT OF PATI AND JEPARA, CENTRAL JAVA
- 15:10 Ilham**, I Nyoman Soeyasa, Ravi Fotedar
GROWTH, ANTIOXIDANT ACTIVITY AND HISTOPATHOLOGY OF JUVENILE BARRAMUNDI *Lates calcarifer* FED HIGH SOYBEAN MEAL DIETS SIMULTANEOUSLY SUPPLEMENTED WITH ORGANIC SELENIUM
- 15:30 BREAK**
- 16:00 Noorin Zafar**, Mukhtar Khan
DIETARY PHOSPHORUS REQUIREMENT OF *Heteropneustes fossilis* BASED ON GROWTH INDICES, HEMATOLOGICAL PARAMETERS AND CARCASS COMPOSITION
- 16:20 Amran**, Edi Supriatna, Kuswadi, Yuwana Puja
APPLICATION OF MICROALGAE *Nannochloropsis* sp. POWDER AS PROTEIN SOURCE FOR DIET OF COBIA *Rachycentron canadum* GROWOUT
- 16:40 Hendrianto**, Nur Muflich Juniyanto, Kurniawan
GROWING OUT OF SILVER POMPANO *Trachinotus blochii* THROUGH PERIODICALLY FASTING MANAGEMENT
- 17:00 Sehar Munawar**, Noor Khan, Farkhanda Manzoor, Ghazala Jabeen
COMPARISON OF SNAIL MEAL VERSUS FISH MEAL BASED DIETS ON THE GROWTH AND BODY COMPOSITION OF CATFISH *Pangasius hypophthalmus*

IMMUNOLOGY AND VACCINES

Wednesday, April 27 11:00 - 17:20 VIP Room 2

Chair: Ketut Mahardika, Ervia Yudiati

WEDNESDAY

11:00 CANCELLED

11:20 M. Firdaus-Nawi, M. Zamri-Saad, N.Y. Nik-Haiha, A. Shuhada, M. I. Shaharah
LYSOZYME ACTIVITY IN JUVENILE TIGER GROUPEP *Epihnephelus fuscoguttatus* FOLLOWING ADMINISTRATION OF BIO-ENCAPSULATED VIBRIOSIS VACCINE

11:40 Alkhateib Y. Gaafar, Hirofumi Yamashita, Indah Istiqomah, Abd Elgayed Younes, Toshihiro Nakai
DEVELOPMENT OF ORAL VACCINATION METHOD AGAINST VIRAL NERVOUS NECROSIS OF FISH (*Betanodavirus* INFECTION) OF CULTURED MARINE FISH WITH THE AID OF EXTRACTS OF NATURAL PRODUCT

12:00 Chamaiporn Chalongkwan, Phiangfhun Inthasaeng, Sittiruk Roytrakul, Ikuo Hirono, Nontawith Areechon, Sasimanas Unajak
IDENTIFICATION OF IMMUNOREACTIVE PROTEINS IN *Streptococcus agalactiae* ISOLATED FROM NILE TILAPIA

12:20 LUNCH

13:30 Nontawith Areechon, Korntip Kannika, Tarntip Wongwaipairote, Prapansak Srisapoome, Ikuo Hirono, Hidehiro Kondo, Sasimanas Unajak
STREPTOCOCCOSIS VACCINE BASED ON SEROTYPING OF *Streptococcus agalactiae* ISOLATES FROM TILAPIA CULTURE SYSTEM IN THAILAND

13:50 Ayi Santika, Ciptoroso, S. Nuryati, Alimuddin A., Sofi Hanif, Zaki Zainun
KHV DNA VACCINE FOR COMMON CARP BROODSTOCK

14:10 Hariyano Maharissi, Rusli Raiba, Heru Salamet, Hamsah Amiruddin
USE OF RED FRUIT EXTRACT *Pandanus conoideus* ON MAINTENANCE CLOWN FISH BLACK HYBRID PHOTON (*Amphiprion percula* var. Black photon) IN FLOATING NET

- 14:30** **Kugapreethan Roopasingam**, Navaneethaiyer Umasuthan, William Shanthakumar Thulasitha, I.P. Shanura Fernando, K.K.A. Sanjeewa, Jehee Lee
FUNCTIONAL CAPABILITIES OF TWO THIOREDOXIN-LIKE GENES IN BLACK ROCKFISH *Sebastes schlegelii*: PROTECTION AGAINST OXIDATIVE STRESS
- 14:50** **Sasimanas Unajak**, Asama Kiataramgul, Thanyanan Wannathong, Rapeepat Mavichak, Chotika Yokthongwattana, Nontawith Areechon
DEVELOPMENT OF *Chlamydomonas reinhardtii* FOR CONTROL OF WHITE SPOT SYNDROME VIRUS IN SHRIMP *Penaeus vannamei*
- 15:10** **Pakkakul Sangsuriya**, Walaiporn Charoensapsri, Sudarat Chomwong, Saengchan Senapin, Anchalee Tassanakajon, Piti Amparyup
CONTROL OF PROPHENOLOXIDASE SYSTEM AND ITS ROLE IN ANTIVIRAL IMMUNITY IN SHRIMP
- 15:30** **BREAK**
- 16:00** **Agus Setyawan**, Alim Isnansetyo, Murwantoko, Sudarmanto Indarjulianto, Ch. Retno Handayani
IMMUNE ENHANCEMENT AND UP-REGULATING IMMUNE-RELATED GENES EXPRESSION IN VANNAMEI SHRIMP *Litopenaeus vannamei* BY CRUDE FUCOIDAN ISOLATED FROM TROPICAL BROWN ALGAE
- 16:20** **Ervia Yudiati**, Alim Isnansetyo, Murwantoko, Triyanto, Ayuningtyas, Christina Handayani
INNATE IMMUNE-STIMULATING, IMMUNE GENES UP-REGULATING AND WHITE SPOT SYNDROME VIRUS RESISTANCE-ENHANCING ACTIVITIES OF ALGINATE FROM *Sargassum siliquosum* IN PACIFIC WHITE SHRIMP *Litopenaeus vannamei*
- 16:40** **Ervia Yudiati**, Alim Isnansetyo, Murwantoko, Triyanto, Christina Handayani, Ayuningtyas
INNATE IMMUNE-STIMULATING AND IMMUNE GENES UP-REGULATING ACTIVITIES OF ALGINATE FROM *Sargassum siliquosum* IN PACIFIC WHITE SHRIMP *Litopenaeus vannamei*

ANIMAL HEALTH AND WELFARE

Wednesday, April 27 13:30 - 17:20 Crystal 1

Chair: Maskur

WEDNESDAY

- 13:30 Rui Alexandre Mendes Gonçalves**, Dian Schatzmayr, Ursula Hofstetter, Gonçalo A. Santos
MYCOTOXINS IN AQUACULTURE: THE OCCURRENCE AND SIGNIFICANCE
- 13:50 Wanglemba Tensubam**
BACTERIAL RESISTANCE TO ANTIBIOTICS AND SENSITIVITY TEST FOR *Edwardsiella tarda*
- 14:10 Siti Hawa Mohamad Ali**, Siti-Zahrah Abdullah, Nik-Haiha Nik Yusof, Mohd. Zamri-Saad, O. Baihaqi, J. Syakila, J. Norazila, S. Fahmi
LAB DETERMINATION OF DIFFERENT PIPER BETLE EXTRACT CONCENTRATIONS AS ALTERNATIVE TREATMENT AGAINST MOTILE AEROMONAS SEPTICEMIA (MAS) INFECTION IN *Pangasius* sp.
- 14:30 Patrick Lavens**, Mathias Corteel, Eva Bequé, Mathieu Wille, Tania De Wolf, Rattayaporn Phuthongphan, Margriet Drouillon, Peter Bossier, Geert Rombaut
NATURAL COMPONENTS TO COMBAT DISEASES
PARTIM 1: MORE ROBUST SHRIMP BY STIMULATING PROTEIN CHAPERONES
- 14:50 Patrick Lavens**, Eva Bequé, Mathias Corteel, Mathieu Wille, Margriet Drouillon, Peter Bossier, Geert Rombaut
NATURAL COMPONENTS TO COMBAT DISEASES
PARTIM 2: SYNERGISTIC MIX OF ANTIMICROBIAL COMPOUNDS REDUCES VIBRIO PATHOGENS IN SHRIMP
- 15:10 Sudarno**
INTEGRATED PROTECTIF BARRIER AND NUTRITION IN AQUACULTURE
- 15:30 Manuela Parini**, Yu Yu, Alessio Paoli, Rahul Gaddipati
SPECIES INDEPENDENT EFFICACY OF A SPECIFIC COMPOSITION OF MONOGLYCERIDES OF SHORT AND MEDIUM CHAIN FATTY ACIDS IN PREVENTING EMS AND CONTROLLING *Vibrio parahaemolyticus*, *Aeromonas* spp., *Streptococcus uberis*, *Flavobacterium* spp., *Yersinia ruckeri*, *Pseudomonas* spp. AND *Bacillus cereus* AFFECTING SHRIMPS AND OTHER AQUATIC SPECIES

STUDENT FORUM

Wednesday, April 27 14:30 - 17:20 Crystal 2

Chair: Bibha Kumari, May Myat Noel Win

- 14:30 Bibha Kumari**
PERSONAL SKILLS HELPS IN CAREER BUILDING
- 14:45 Patrick Soregloos**
IMPORTANCE OF NETWORKING AND MULTI-STAKEHOLDER INTERACTION IN AQUACULTURE EDUCATION
- 15:00 S. Felix**
CAREER OPTION FOR AQUACULTURE IN INDIA
- 15:15 May Myat Noe Lwin**
MY PERSONAL EXPERIENCE AS A BURMESE WOMAN FARMER AND AS AN ENTREPRENEUR IN THE AQUACULTURE INDUSTRY IN THAILAND
- 15:30 BREAK**
- 16:00 Maria Celia Portella**
AQUACULTURE IN BRAZIL: WOMEN IN SCIENCE
- 16:15 Albert G.J. Tacon**
CAREER DEVELOPMENT IN AQUACULTURE: FOLLOWING YOUR PASSION
- 16:30 Guillaume Drillet**
AQUACULTURE EXPERTS HAVE NO COUNTRIES
- 16:45 Discussion – Roy Palmer**
OPPORTUNITY IN SEAFOOD INDUSTRY
- 17:00 Discussion**

TILAPIA (ISTA)

Wednesday, April 27 14:30 - 17:20 Diamond 3

Chair: Kevin Fitzsimmons

- 14:30 Renata Melon Barroso**, Ruy Albuquerque Tenorio, Daniel Chavier Webber, Andrea Pizarro Munoz
TILAPIA GENETIC MANAGEMENT AT FARMING LEVEL
- 14:50 Nassrin Mashaii**, Farhad Rajabipour, Habib Sarsangi, Mohammad Mohammadi, Ahmad Bitaraf, Hodayun Hossein-Zadeh, Mostafa Sharif-Rohani
AN INVESTIGATION ON BREEDING OF CULTURED NILE TILAPIA *Oreochromis niloticus* IN BRACKISH WATER, IRAN
- 15:10 Soe Tun**
TILAPIA CULTURE IN MYANMAR, HISTORY, PRESENT STATUS AND FUTURE TRENDS
- 15:30 BREAK**
- 16:00 Hasanuddin Hasan**, Muyassir, Muchlisin, Abidin Nur, Kevin Fitzsimmons
LAND BIOREMEDIATION BY UTILIZATION OF AQUACULTURE
- 16:20 Jinliang Zhao**, Jeerawat Thammarasuntorn
EFFECTS OF ACUTE SALINITY AND ALKALINITY CHALLENGES ON PLASMA OSMILALITY, ION CONCENTRATION, GILL ION TRANSPORTERS ACTIVITY AND GENE EXPRESSION IN RED TILAPIA
- 16:40 Boyun Handoyo**, Wawan Cahyono Ashuri, Dedy Sukardi, Ratu Siti Aliyah
MASS PRODUCTION OF TILAPIA *Oreochomis* sp. IN SALINITY PONDS INTEGRATED WITH FISH PROCESSING UNIT IN KARAWANG, INDONESIA

POND CULTURE

Wednesday, April 27 16:00 - 17:20 Diamond 5

Chair: Tri Heru Prihadi

- 16:00 Supito**, Darmawan
BUSINESS STRATEGY SHRIMP SMALL SKILL FARMER BY APPLYING MANAGEMENT CONDUCTING BASE ON TECHNOLOGY
- 16:20 Supito**, Darmawan
IMPROVEMENT TIGER SHRIMP PRODUCTION WITH BIOFLOCS SYSTEM WATER MANAGEMENT IN THE POND
- 16:40 Budi Kurnia**, Dzikri Wahyudi, Hary Wuwungan
IMPLEMENTATION OF INTEGRATED SMALL-MEDIUM SCALE OF MARICULTURE BUSINESS IN BRACKISHWATER PONDS

THURSDAY, January 19

CATFISH

Thursday, April 28 08:30 - 11:40 Crystal 1

Chair: Imron Nawawi

THURSDAY

- 08:30 Dahlan**, Boyun Handoyo, Nana Sahnawi
HATCHERY INFRASTRUCTURE AND BIG SCALE OF SEED PRODUCTION SYSTEM OF CATFISH *Clarias* sp.
- 08:50 Boyun Handoyo**, Dahlan, Nana Sahnawi, Atri Triana Kartikasari, Yuliastuti, Agus Dwiono
PROTOTYPE OF INTENSIVE CATFISH *Clarias* sp. CULTURE IN CIRCULAR POND SYSTEM AS MATERIALS FOR EXTENTION AND DISSEMINATION TO FISH FARMERS
- 09:10 Catur Setiowibowo**, Dwi Siswo Handoko, Tatang Purnama
THE USE OF RECOMBINANT GROWTH HORMONE (RGH) IN THE NURSERY BUSINESS GREEN CATFISH SEED *Hemibragus nemurus*
- 09:30 Dang Thuy Mai Thy**, Tran Thi Tuyet Hoa, Pham Minh Duc
STUDY ON THE EFFECT OF FILAMENTOUS FUNGI ON FINGERLING OF STRIPED CATFISH *Pangasianodon hypophthalmus*
- 09:50 Bambang Priono**, Endhay K. Kusnendar, Bambang Iswanto
APPLICATION OF VACCINE AND PROBIOTICS FOR CATFISH CULTURE AT INTENSIVE POND FARMING SYSTEM IN SLEMAN REGENCY, YOGYAKARTA PROVINCE
- 10:10 R.H.G.R. Wathsala**, G.P.S.I. Karunarathna, N.W.I.A. Jayawardana, K.D.R. Jayasena, A.M.K.R. Bandara, B.M.K.S. Tilakaratne
AN EDIBLE FOOD PRODUCT FROM ARMORED CATFISHES *Pterygoplichthys* spp.

MARINE FINFISH

Thursday, April 28 08:30 - 11:40 Diamond 5

Chair: Jhon Hutapea

- 08:30 Kahar Samal**, Nono Hartanto, Hariyano Maharissi, Sri Handayani
SALINE MANAGEMENT TO BOOST GROWTH AND SURVIVAL RATE
BARRAMUNDI *Lates calcarifer* PHASE IN THE NURSERY RECIRCULATION
SYSTEMS
- 08:50 Umar Rifai**, Doortje Horhoruw
APPLICATION DISVERSIFICATION COMMODITIES SYSTEM GROUPER
AND GIANT TREVALLY *Caranx* sp. AS DEVELOPMENT STRATEGY EFFORTS
AQUACULTURE EFFECTIVE AND EFFICIENT
- 09:10 Khabibulloh Amd**, Hariyano Maharissi
EFFECTIVENESS AND EFFICIENCY OF TRANSPORTATION SEA FISH FRY SIZE
SPINDLES
- 09:30 Khabibulloh Amd**, Hariyano Maharissi
USE OF COPEPOD NAUPLII AS EARLY LARVAE FISH FEED GROUPER SUNU
Plectropomus leopardus
- 09:50 Suci Antoro**, Silvester Basi Dhoe, Tohari
PRELIMINARY STUDY: RECOMBINANT GROWTH HORMONE APPLICATION
FOR TIGER GROUPER
- 10:10 Suci Antoro**, Asmanik, Amran, Margie Brite
RECOMBINANT GROWTH HORMONE APPLICATION FOR GROWTH AND
IMMUNITY IMPROVEMENT OF HUMPBACK GROUPER CULTURE
- 10:30 Suryadi Saputra**, Muhammad A. Suprayudi, Enang Harris, Mia Setiawati,
Widanarni, Suci Antoro
PHYSIOLOGICAL RESPONSES OF COBIA *Rachycentron canadum* JUVENILE
FEED WITH MICROBIAL FLOCS AND MICROALGE *Spirulina platensis* AFTER
FRESH WATER BATHING
- 10:50 Pham Anh Tuan**, Mai Van Tai, Phan Thi Van
MARINE FISH FARMING IN VIET NAM: CURRENT AND FUTURE
DEVELOPMENT

MOLLUSC CULTIVATION

Thursday, April 28 08:30 - 12:20 Crystal 5

Chair: Ibnu Rusdi

THURSDAY

- 08:30** **Michael A. Rice**, Paul D. Rawson, Westly R. Rosario, Ashley D. Salinas
IDENTIFICATION, DISTRIBUTION AND AQUACULTURE OF THE WESTERN
HEMISPHERE MUSSEL *Mytella charruana* IN THE ESTUARIES OF
PANGASINAN, PHILIPPINES
- 08:50** **Said Al-Barwani**, Abdulaziz Balkhair
POPULATION DETERMINATION OF THE CONDITION FACTOR VARIABILITY OF
THE BROWN MUSSEL *Perna perna*
- 09:10** **Woro Kusumaningtyas**, Imron Nurcholis, Ade Yana
“WARING BAGS” FOR LIVE TRANSPORTATION OF ABALONE *Haliotis* spp.
- 09:30** **Hamzah**, Sugeng Raharjo, Mohd. Syaichudin, Suhardi Atmoko B.S.,
Mutmainna
PROTEIN LEVEL IN ABALON TILLERS *Haliotis squamata* BREEDING
- 09:50** **Ngurah Yasa**, Suastika Jaya, Wayan A. Giri
THE USE OF CULTIVATING POLYETHYLENE DRUM (CPD) FOR GROWING
ABALONE *Haliotis squamata* ON THE BOTTOM SURFACE OF INTERTIDAL ZONE
- 10:10** **A. Joyce**, S. Utting
EXTRACELLULAR POLYSACCHARIDES (EPS) IN AQUACULTURE AND THEIR
IMPORTANCE IN HATCHERIES, BIOFLOC AND BIOFILTERS

SHRIMP DISEASE

Thursday, April 28 08:30 - 12:20 Diamond 1

Chair: Olivier Decamp, Arif Taslihan



- 08:30** **Olivier Decamp**, Mathias Corteel
DISEASE IN SHRIMP CULTURE: HOW TO CONTAIN A GLOBAL THREAT?

- 08:50 Walaiporn Charoensapsri**, Kornsunee Phiwsaiya, Suwimon Thaengphu, Ha T. Dong, Pakkakul Sangsuriya, Giang T.T. Nguyen, Piti Amparyup, Suparat Taengchaiyaphum, Kallaya Sritunyalucksana, Timothy W. Flegel, Saengchan Senapin
ISOLATION OF NATURAL *pirA*-/*pirB*+ *Vibrio parahaemolyticus* STRAIN AND THE REQUIREMENT OF BINARY PIR TOXINS IN CAUSING ACUTE HEPATOPANCREATIC NECROSIS DISEASE PATHOGENESIS IN SHRIMP
- 09:10 Bambang Hanggono**, Kathy F.J. Tang, Jee Eun Han
PCR DETECTION, HISTOLOGICAL AND *IN SITU* HYBRIDIZATION OF *Enterocytozoon hepatopenaei* (EHP), A MICROSPORIDIAN PARASITE INFECTING PENAEID SHRIMP, IN INDONESIA
- 09:30 Bambang Hanggono**, Kathy F.J. Tang, Jee Eun Han
HISTOLOGICAL, *IN SITU* AND PCR DETECTION OF *Enterocytozoon hepatopenaei* (EHP), A MICROSPORIDIAN PARASITE INFECTING PENAEID SHRIMP, IN INDONESIA
- 09:50 Arief Taslihan**, Maskur, Sri Mukti Astuti
PREVALENCE AND RISK FACTOR STUDY OF WHITE SPOT SYNDROME VIRUS IN SHRIMP AQUACULTURE IN LAMPUNG AND BANTEN PROVINCE
- 10:10 Arief Taslihan**, Nur Fahriss, Ita Rizkianti
WHITE SPOT DISEASE (WHITE FAECES SYNDROME, WFD) ON SHRIMP VANAME, AN INVESTIGATION OF THE CAUSES AND CONTROL
- 10:30 BREAK**
- 11:00 Nurbariah Nur**, Zahria Zurrah, Royani Yani, Ibnu Sahidir
THE ISOLATE ORIGIN OF WSSV DETERMINES THE VIRAL VIRULENCE TO PISANG SHRIMP *Penaeus* sp. AND TIGER SHRIMP *Penaeus monodon*
- 11:20 Supito**, Arif Gunarso, Ita Rizkiyanti
THE CONTROL OF WHITE FECEES SYNDROME IN VANNAME SHRIMP AQUACULTURE
- 11:40 Alim Isnansetyo**, Ayuningtyas, Ervia Yudiati, Murwantoko, Ch. Retna Handayani
ALGINATE FROM *Padina* sp. ENHANCES NON-SPECIFIC IMMUNE SYSTEM AND UP-REGULATES IMMUNES GENES IN WHITE SHRIMP *Litopenaeus vannamei*

HATCHERY AND LARVAE MANAGEMENT

Thursday, April 28 08:30 - 12:20 VIP Room 2

Chair: Stewart Fielder

THURSDAY

- 08:30 Ketut Sugama**, Isti Koesharyani, Bambang Susanto
RECENT ADVANCES IN BREEDING AND SEED PRODUCTION OF MARINE FINFISH IN INDONESIA
- 08:50 Luis Conceição**, Wilson Pinto
DO WE NEED SPECIFIC WEANING DIETS FOR LARVAE OF FAST GROWING MARINE FISH SPECIES?
- 09:10 Juan Pablo Lazo**, Pablo Fuentes, Benjamin Baron-Sevilla
DOES LARVAL FEED QUALITY AFFECT GROW-OUT PERFORMANCE OF MARINE FISH: A CASE STUDY WITH *Totoaba macdonaldi*
- 09:30 Akhmad Murtadho**, Asmanik, Tohari, Budi Purnomo
LARVAE CULTURE OF COBIA *Rachycentron canadum* IN OUTDOOR CONCRETE POND
- 09:50 Tinggal Hermawan**, Nur Muflich Juniyanto, Muh Kadari, Joni Agus Rusdian
SEED PRODUCTION TECHNOLOGY OF SILVER POMPANO *Trachinotus blochii* (LACEPEDE) AS NEW MARICULTURE COMMODITIES IN INDONESIA
- 10:10 Samsul Bahrawi**, Sarwono, Taufan Haryono
APPLICATION OF ENRICHMENT IN LARVAE REARING OF SILVER POMPANO *Trachinotus blochii*
- 10:30 BREAK**
- 11:00 Hamka**, Jumriadi, Haruna, Marwan
IMPROVEMENT OF PROCEDURES IN RABBIT FISH *Siganus guttatus* LARVAE MAINTENANCE
- 11:20 Ibnu Sahidir**, Thaharah Ramadhani, Vera Novita, Muhammad, Irma Dewiyanti
ADDITION OF PHOSPHATE OR NITRATE BEFORE STOCKING INCREASE SURVIVAL RATE IN BLACK TIGER SHRIMP *Penaeus monodon* NURSERY
- 11:40 Sofia Engrola**, Wilson Pinto, Luis E.C. Conceição
WEANING OF SENEGALESE SOLE: REALIZING MAXIMUM GROWTH POTENTIAL THROUGH FEEDING REGIMES
- 12:00 Iman Sudrajat**, Hanry Tambani, Suradi Tugu
APPLICATION TEST OF GREEN AQUARIUM SYSTEM TO GOURAMY JUVENILES *Osphronemus gouramy* IN AQUARIUM

ALGAL AQUACULTURE AND BIOLOGY/PLANKTON CULTURE

Thursday, April 28 08:30 - 12:30 Crystal 2

Chair: Gede S. Sumiarsa

- 08:30** **Sitti Faridah**, Abdul Gafur, Haruna, Khairil Jamal
SIMPLE BIOREACTOR SYSTEM APPLICATIONS IN MAINTENANCE
Nannochloropsis oculata
- 08:50** **Mohammad Syaichudin**, Abdul Gafur, Endah Soetanti, Suhardi A.B. Susilo
SUSTAINABILITY OF THE MASS PRODUCTION OF *Nannochloropsis oculata*
THROUGH ALKALINITY STABILITY OF CULTURE MEDIA
- 09:10** **Jan Anné**, Tina Rogge, Luc Roef, Jorien Fret, Mark Michiels
MICROALGAE FROM THE PROVIAPT CLOSED PHOTOBIOREACTOR SYSTEM
FOR AQUACULTURE
- 09:30** **Taufik Shidik Adi Nugroho**, Lilik Masrifa, Astuti
THE ADVANTAGES TECHNOLOGY OF *Moina* sp. MASS CULTURE WITH
Chlorella sp. AS MEDIA
- 09:50** **Hamsah Amiruddin**, Rusli Raiba, Hariyano Maharissi
MICROALGAE USE AS IMMUNOSTIMULATORY MAINTENANCE OF
DECORATIVE SEA FISH NEMO HYBRID (*Amphiprion percula* var. Black photon)
IN FLOATING NET
- 10:10** **Dewi Puspaningsih**, Eri Setiadi
APPLICATION TEST OF CHLORELLA AND ROTIFERA ON TAMBAKAN
Helostoma temmincki AND STRIPED SNAKEHEAD *Channa striata* LARVAE
- 10:30** **BREAK**
- 11:00** **Adi Susanto**, Tri Wahyu Widayati, Iwan Aries Setiawan M.
MASS CULTURE OF *Diaphanosoma brachyurum* AND ITS APPLICATION FOR
Penaeus monodon LARVAE REARING
- 11:20** **Lisa Ruliaty**, Nur Cholifah, Dwi Joko Sulistyono, Ery Sutanti
COMPOSITION AND PLANKTON BLOOM IN VANAME SHRIMP POND
PROBLEMS IN THE KULONPROGO DISTRICT
- 11:40** **Arif Rahman**, Niken Tunjung Murti Pratiwi, Sigid Hariyadi
PHYTOPLANKTON AND TROPHIC STATUS IN LAKE TOBA, NORTH SUMATRA

THURSDAY

BREEDING AND GENETICS

Thursday, April 28 08:30 - 15:30 Crystal 3

Chair: Ketut Sugama, Alimuddin

THURSDAY

- 08:30 Han Liu, Yanhe Li, Weimin Wang**
PANCREATIC RIBONUCLEASE (RNASE1) WITH DIGESTIVE AND
ANTIMICROBIAL FUNCTIONS IN HERBIVOROUS *Megalobrama amblycephala*
- 08:50 Ena Sutisna, Wahyu Budi Wibowo, Nurul Tri Jayanti, Suryana**
THE REPRODUCTIVE PERFORMANCE OF FIRST GENERATION SILVER BARB
Leptobarbus hoevenii (BLEEKER, 1852)
- 09:10 Simion K. Omasaki, Harrison Charo-Karisa, Alexander K. Kahi, Hans Komen**
GENOTYPE BY ENVIRONMENT INTERACTION FOR HARVEST WEIGHT,
GROWTH RATE AND SHAPE BETWEEN MONOSEX AND MIXED SEX NILE
TILAPIA *Oreochromis niloticus*
- 09:30 Moved to Posters #447**
- 09:50 Otong Zenal Arifin, Wahyulia Cahyanti, Anang Hari Kristanto**
GENETIC VARIATION OF THREE POPULATIONS KISSING GOURAMI *Helostoma
temminckii* FROM WEST JAVA, SOUTH KALIMANTAN AND JAMBI EVALUATED
USING RAPD MARKERS
- 10:10 Boedi Rachman, Agus Sasongko, Dwi Hani Yanti**
EGG PRODUCTION INNOVATION IN NILEM FISH *Osteochilus hasselti* BY
HORMONES INDUCED AND ENRICHMENT OF NUTRIENTS
- 10:30 BREAK**
- 11:00 Akhmad Taufiq, Odang Carman, Alimuddin, Muhammad Zairin Jr.**
A SIMPLE AND RAPID CHROMOSOME PREPARATION METHOD OF NILE
TILAPIA *Oreochromis niloticus* WITHOUT METAPHASE ARRESTING
TREATMENTS
- 11:20 Gemi Triastutik, Siti Subaidah, Sofiati, Deni Sugianto**
BREEDING PROGRAM OF NUSANTARA VANAME SHRIMP *Litopenaeus
vannamei* BROODSTOCK CANDIDATE THROUGH FAMILY SELECTION
(FOURTH GENERATION)

- 11:40 Mohamed E. Megahed**
GENETIC VARIANCE FROM A PRELIMINARY TRIAL ON CONTROLLED CHALLENGE TEST OF *Penaeus semisulcatus* FAMILIES WITH WHITE SPOT SYNDROME VIRUS (WSSV)
- 12:00 Bambang Sihananto**, Jamilah Hayati, Hasbiannor
COMPARISON OF FEMALE CLIMBING PERCH *Anabas testudineus* GONADS MATURITY STAGES THAT COMPARED BETWEEN NATURAL COLLECT AND INTENSIVE CULTIVATION
- 12:20 LUNCH**
- 13:30 Jack Bain**
XELECT, GENETIC SOLUTIONS FOR AQUACULTURE
- 13:50 Muhammad Hunaina Fariduddin Ath-thar**, Rudhy Gustiano, Dinar Tri Soelistyowati
PHENOTYPIC AND GROWTH PERFORMANCE ANALYSIS OF SUMATERA, JAVA AND KALIMANTAN SNAKESKIN GOURAMI *Trichopodus pectoralis* (REGAN, 1910)
- 14:10 Jhon Harianto Hutapea**, Ananto Setiadi, Gunawan, I.G. Ngurah Permana
SPAWNING PERFORMANCE OF YELLOWFIN TUNA *Thunnus albacares* BROODSTOCK IN CONCRETE TANK AND FLOATING NET CAGE
- 14:30 Deni Radona**, Rudhy Gustiano, Irin Iriana Kusmini, Dinar Tri Soelistyowati, Odang Carman
PERFORMANCE OF TINFOIL BARB HYBRIDS *Barbonymus schwanenfeldii* (BLEEKER, 1854) FROM JAVA AND KALIMANTAN
- 14:50 Natalia Sudakova**, Lidia Vassilieva
SUSTAINABLE DEVELOPMENT OF STURGEON AQUACULTURE IN THE VOLGA-CASPIAN REGION

PREBIOTICS AND PROBIOTICS

Thursday, April 28 11:00 - 17:20 Ballroom

Chair: Farshad Shishehchian

BLUE AQUA

THURSDAY

- 08:30 Thi Truong Thy Ho**, Huu Thanh Nguyen, Nhu Tri Nguyen, Moc Quy Ong, Kornrip Kannika, Prapansak Srisapoom, Nontawith Areechon, Sasimanas Unajak
THE EFFECTS OF PROBIOTICS MIXTURE *Bacillus amyloliquefaciens* 54A AND *B. pumilus* 47B ON THE GROWTH PERFORMANCES, INNATE IMMUNITY AND STRESS RESPONSE OF STRIPED CATFISH *Pangasianodon hypophthalmus* IN LABORATORY CONDITION
- 08:50 Mingkun Luo**, Sanuan Zou, Hua Xing, Dong Wang, Jeerawat Thammaratsuntorn
APPLICATION OF *Rhodobacter sphaeroies* IN AQUATIC REARING
- 09:10 Benedict Standen**, Goncalo Santos
THE EFFECT OF DIETARY PROBIOTICS IN NILE TILAPIA *Oreochromis niloticus* HEALTH AND GROWTH PERFORMANCE
- 09:30 Orapint Jintasataporn**, Melina Aparecida Bonato, Glycon Duarte Santos
Saccharomyces cerevisiae CELL WALL SUPPLEMENTATION ON GROWTH PERFORMANCE AND IMMUNITY STATUS OF WHITE SHRIMP *Litopenaeus vannamei*
- 09:50 Muharijadi Atmomarsono**, Nuhidayah
TIGER SHRIMP *Penaeus monodon* PRODUCTION AT DIFFERENT APPLICATION OF THE RICA PROBIOTICS IN EXTENSIVE BRACKISHWATER PONDS OF BULUKUMBA
- 10:10 Ahmed Md. Salem**
EFFECTS OF MARINE SYNBIOTIC SUPPLEMENTED AND/OR FERMENTED MICRODIETS ON THE EUROPEAN SEA BASS LARVAE LENGTH GROWTH AND EARLY WEANING
- 10:30 BREAK**
- 11:00 Anwar Hasan**, Jutta Kesselring, Goncalo A. Santos
THE EFFECT OF MULTI-STRAIN PROBIOTIC TO IMPROVE *Litopenaeus vannamei* PRODUCTION ON LIMITED WATER EXCHANGE: A FIELD STUDY

- 11:20** **Khairul Anwar**, Akhmad Riva'i, Supriani, Tulus, Andri Hariadi, Webby
 PROBIOTIC SUPPLEMENTATION BY MEANS OF FISH FEED TO INCREASE THE CLIMBING PERCH *Anabas testudineus* PRODUCTIVITY IN TARPAULIN POND
- 11:40** **Margie Brite**, Julinasari Dewi, Ruswanto, Supriya
 APPLIED OF TWO COMMERCIAL PROBIOTICS IN GROWOUT OF RED SNAPPER *Lutjanus johnii*
- 12:00** **Munti Yuhana**, Dwi Febrianti, Widanarni
 SYNBIOTIC DIETARY SUPPLEMENTATION ENHANCE THE IMMUNE RESPONSE AND GROWTH PERFORMANCE OF PACIFIC WHITE SHRIMP *Litopenaeus vannamei* AGAINST WHITE SPOT SYNDROME VIRUS INFECTION
- 12:20** **LUNCH**
- 13:30** **Yosmaniar**, Eri Setiadi
 THE SELECTION AND CHARACTERIZATION PROBIOTIC CANDIDATE FOR CONTROL NITROGEN COMPUNDS IN FRESHWATER AQUACULTURE
- 13:50** **Alim Isnansetyo**, Hafidzur Rahman, Bambang Hanggono, Yani Lestari Nuraini, Noer Kasanah
 IMMOBILIZATION OF BACTERIAL BIOCONTROL AGAINST PATHOGENIC BACTERIA IN FISH USING VARIOUS MATRICES

DISEASES - CONTINUED

Thursday, April 28 08:30 - 17:20 Crystal 4
 Chairs: Liqun Lu, Muhariyadi, Taukhid

- 08:30** **Anwar Hasan**, Attila Kovacs, Goncalo A. Santos
 THE EFFECT OF A FEED ADDITIVE (PERMEABILIZING COMPLEX, PHYTOCHEMICAL AND ORGANIC ACIDS) ON MANAGEMENT OF *Vibrio* LEVEL IN SHRIMP *Penaeus monodon* GUT AND PRODUCTION IMPROVEMENT
- 08:50** **Reginald Blaylock**, Jeffrey Lotz, Muhammad Muhammad, Stephen Curran
 THE ROLE OF RESERVOIR HOST COMMUNITIES IN THE MAINTENANCE OF WHITE SPOT SYNDROME VIRUS IN THE NORTHERN GULF OF MEXICO
- 09:10** **Pande Gde Sasmita J.**, Peter Bossier, Tom Defoirdt
 AHL-DEGRADING BACTERIUM REDUCE THE VIRULENCE OF *Vibrio campbellii* TOWARD GIANT FRESHWATER PRAWN *Macrobrachium rosenbergii* LARVAE

- 09:30 Dinamella Wahjuningrum**, Shavika Miranti, Tatag Budiardi, Irzal Effendi
EFFECT OF DIETARY SUPPLEMENTATION OF *Curcuma longa-Andrographis paniculata* EXTRACTS ON CONTROLLING *Vibrio harveyi* INFECTION IN WHITE SHRIMP FLOATING CAGE CULTURE IN THOUSAND ISLANDS INDONESIA
- 09:50 Christina Retna Handayani**, Rahayu Rahardianti, Evy Maftuti Nur
SEQUENCING APPLICATION FOR MOLECULAR BACTERIAL IDENTIFICATION IN MCBAD JEPARA
- 10:10 Woro Hastuti Satyantini**, Ade Kurniawati, Surono, Agustono
BACTERIA PRODUCING EXTRACELLULAR ENZYME AND INHIBITING GROWTH OF *Vibrio harveyi* ISOLATED FROM SEDIMENT OF INTENSIVE WHITE SHRIMP POND CULTURE IN BANYUWANGI
- 10:30 BREAK**
- 11:00 Simon Chung**, Chen Su, Pin-Hsing Chou, Yu-Lun Liu, Yun-Long Tsai, Pei-Yu Alison Lee, Hsiao-Fen Grace Chang
POCKIT SYSTEM: A RAPID, SIMPLE, AND SENSITIVE ON-SITE DETECTION TOOL FOR *Enterocytozoon hepatopenaei*
- 11:20 Joko Santosa**, Januar Hakam, Hery Setyabudi
DISEASE ASSESSMENT ON MASS MORTALITY SYNDROME OF ABALONE *Haliotis squamata* AND ITS HYBRID IN LOMBOK
- 12:20 LUNCH**
- 13:30 Xian-Le Yang**, Kun Hu, Rong-Rong Ma, Jun-Ming Cheng, Xin Ye, Qi Sun, Hai-Lan Yuan, Nan Liang, Hao-Ran Li
ANALYSIS OF *Saprolegnia parasitica* TRANSCRIPTOME FOLLOWING TREATMENT WITH COPPER SULFATE
- 13:50 Wiyoto**, Sukenda, Enang Harris, Kukuh Nirmala, Daniel Djokosetiyo, Julie Ekasari
SEDIMENT PROFILE, PRODUCTION PERFORMANCE AND WHITE SPOT SYNDROME VIRUS (WSSV) RESISTANCE IN SHRIMP CULTURE WITH DIFFERENT SEDIMENT REDOX POTENTIAL AND STOCKING DENSITIES UNDER LABORATORY CONDITION
- 14:10 Dennis Yeo**
A NATURAL WAY OF CONTROLLING WSSV AND EMS

INNOVATIONS IN SMALLHOLDER AQUACULTURE TECHNOLOGY: AQUAFISH RESEARCH IN ASIA AND AFRICA

Thursday, April 28 08:30 - 17:20 Diamond 2

Chair: Hillary Egna, Kat Goetting, Jenna Borberg



THURSDAY

- 08:30 David Bengtson**, Pheng Chheng, Puthearath Tith, Bunthang Touch, Nam So
AQUACULTURE CARRYING CAPACITY OF STUNG CHINIT RESERVOIR,
CAMBODIA: A PILOT PROJECT
- 08:50 Sunila Rai**, Sabita Jha, Madhav K. Shrestha, James S. Diana
GROWTH AND PRODUCTION OF CARPS AND SIS IN PERIPHYTON
ENHANCED SYSTEM
- 09:10 Shahroz Mahean Haque**, Imrul Kaiser, Moon Dutta, Md. Abdul Wahab,
Russell Borski
EFFECTS OF REDUCED FEEDING FOR COMBINED POLYCULTURE OF TWO
MAJOR CARPS (ROHU AND CATLA) WITH SHINGH CATFISH *Heteropneustes
fossilis*
- 09:30 Jay D. Bista**, Subash K. Jha, Narayan P. Pandit, Madhav K. Shrestha,
James S. Diana
SPAWNING RESPONSE OF SAHAR *Tor putitora* IN TERAI REGION OF NEPAL
- 09:50 John Walakira**, John Kiburara, Arkanjelo Idrifua, Joseph Molnar,
Eugrance Ganda, Godfrey Kityo, Cassias Aruho
UNDERSTANDING SEX CHANGE AND HERMAPHRODITISM IN AFRICAN
LUNGFISH *Protopterus aethiopicus* AND ITS IMPLICATION TO AQUACULTURE:
PRELIMINARY FINDINGS
- 10:10 Budi Kurnia**, Dzikri Wahyudi, Hary Wuwungan
MOVED TO POND CULTURE AT 16:40
- 10:30 BREAK**
- 11:00 Navy Hap**, Hoang Minh Truong, Robert Pomeroy
IMPACTS OF CLIMATE CHANGE ON SNAKEHEAD FISH VALUE CHAINS IN THE
LOWER MEKONG BASIN OF CAMBODIA AND VIETNAM

- 11:20 Thi Thanh Hien Tran**, Minh Duc Pham, Minh Phu Tran, Le Cam Tu Tran, Thuy Mai Thy Dang, David Bengtson
EVALUATING GROWTH PERFORMANCE AND IMMUNE RESPONSES OF SNAKEHEAD *Channa striata* BY FEEDING PLANT PROTEIN DIETS SUPPLEMENTED WITH MANNAN OLIGOSACCHARIDE
- 11:40 Truong Hoang Minh**, Tran Ngoc Hai, Robert S. Pomeroy
ASSESSMENT ON THE CURRENT STATUS OF SNAKEHEAD SEED PRODUCTION IN THE MEKONG DELTA, VIETNAM
- 12:00 Phanna Nen**, Nam So, Seang Hay Pheng, Robert Pomeroy
SUSTAINABLE SNAKEHEAD AQUACULTURE DEVELOPMENT IN THE LOWER MEKONG BASIN OF CAMBODIA
- 12:20 LUNCH**
- 13:30 M. Lokman Ali**, S. Mahean Haque, M. A. Wahab, Russell Borski
IMPACT OF STOCKING DENSITY AND FEEDS ON YIELD OF PANGASIOUS CATFISH *Pangasius hypophthalmus* IN HYPOSALINE WATERS
- 13:50 James O. Bukenya**
PRICE VOLATILITY IN THE AFRICAN CATFISH RESELLER MARKETS IN UGANDA
- 14:10 Joseph Molnar**, Moureen Matuha, Gertrude Atukunda, John Walakira, Jeffrey Terhune, James Bukenya, Shamim Naigaga
IMPLEMENTING MOBILE MARKETING AND TECHNICAL SUPPORT FOR FISH FARMERS: UGANDA GROWER EXPERIENCES AND ASPIRATIONS
- 14:30 Kwamena Quagrainie**, Akua Akuffo
AN ASSESSMENT OF HOUSEHOLD FOOD SECURITY IN FISH FARMING COMMUNITIES IN GHANA
- 14:50 Mst Kaniz Fatema**, Md. Abdul Wahab, S.A.S.A. Tahmid, Amit Pandit, S.M. Masud Rana, Shahroz Mahean Haque, Russell J. Borski
PRODUCTION AND ECONOMIC BENEFITS OF REDUCED FEED INPUTS AND ADDITION OF INDIAN CARP (ROHU) ON NILE TILAPIA GROWOUT IN PONDS
- 15:10 Narriman S Jiddawi**, Maria C. Haws
SUSTAINABLE PEARL FARMING IN AFRICA USING NEW SPAT COLLECTION TECHNIQUES
- 15:30 BREAK**

- 16:00 Wilfred Jamandre**, Sattyananda Biswas, Upton Hatch, Emilia Quinitio, Sadika Haque, Shahroz Mahean Haque, Russell Borski
IMPROVING THE WELL-BEING OF MUDCRAB WOMEN CULTURIST IN SOUTHWEST BANGLADESH THROUGH VALUE CHAIN ANALYSIS
- 16:20 Dilip K. Jha**, Narayan P. Pandit, Ishori S. Mahato, Madhav K. Shrestha, James S. Diana
ESTABLISHING SCHOOL PONDS FOR EDUCATING STUDENTS TO IMPROVE HEALTH AND NUTRITION OF CHILDREN AND WOMEN IN RURAL NEPAL
- 16:40 Bunthang Touch**, Nam So, Phen Chheng, Channara Pos, Net En, Robert Pomeroy
FISH AND NUTRIENT CONSUMPTION AMONG WOMEN AND PRE-SCHOOL CHILDREN IN RAINY SEASON IN CAMBODIA
- 17:00 Madhav K. Shrestha**, James S. Diana
ROLE OF THE AQUAFISH INNOVATION LAB IN UNIVERSITY CAPACITY BUILDING AND AQUACULTURE DEVELOPMENT IN NEPAL

TILAPIA (ISTA) – CONTINUED

Thursday, April 28 08:30 - 17:20 Diamond 3

Chair: Kevin Fitzsimmons

- 08:30 Yuniar Riris Purba**, Yudi Yustiran, Ediwarman
INTRODUCTION OF NEW STRAIN TILAPIA *Oreochromis* sp. (IBARAGI STRAIN AND KANAGAWA JICA STRAIN) IN THE FRAMEWORK OF THE PROVISION GOOD QUALITY BROODSTOCK IN JFAC, JAMBI
- 08:50 Yudi Yustiran**, Ediwarman, Yuniar Riris Purba
INCREASING PRODUCTIVITY TILAPIA *Oreochromis* sp. FISH FARMING THROUGH USE SEED LOGGING AND APPLICATION OF STREP-SA VACCINES IN BATANGHARI RIVER, JAMBI PROVINCE
- 09:10 Ibnu Sahidhir**, Abdul Razaq, M. Yasir, H. Hasanuddin, Abidin Nur, Kevin Fitzsimmons
QUERCETIN AND ALLICIN AS PROPHYLACTIC HERBS FOR BRACKISHWATER TILAPIA IN PERIPHYTON NURSERY SYSTEM
- 09:30 Mohammad Syaichudin**, Suhardi A.B. Susilo, Abdul Gafur
EFFECT OF CRUDE EXTRACT SAMBILOTO *Andrographis* sp. LEAVES IN CONTROLLING REPRODUCTION OF FEMALES SALINE TILAPIA *Oreochromis niloticus*

- 09:50 Sugeng Raharjo**, Dasep Hasbullah, Endah Soetanti, Jumriadi, Syamsul Bahri, Imran Lapong, Mike Rimmer
GROWOUT EXPERIMENT OF BPBAPT SALINE HYBRID NILE FISH, GIFT AND SULTANA IN BRACKISHWATER POND IN SOUTH SULAWESI
- 10:10 Ibnu Sahidir**, Lina Mutiara, Azwar Thaib, Syafrizal Rizal, Muslim Chut
PERIFITON LIVE FEED TO SUBSTITUTE PREDIGESTED ENZYME IN BRACKISHWATER TILAPIA NURSERY
- 10:30 BREAK**
- 11:00 Heru Nugroho**, Ibnu Sahidhir, Syafrizal Rizal, Muslim Chut, Abidin Nur
INTENSIVE CULTURE OF BRACKISHWATER TILAPIA WITH POWDERED ACTIVATED CARBON AND STARCH
- 11:20 Heru Nugroho**, Faisal Bustari, Abidin Nur
BRACKISHWATER TILAPIA AQUA-BUSINESS IN ACEH
- 11:40 Teuku Ridwan**, Lisa Fandana, Azwar Thaib
THE EFFECT OF DIFFERENT DOSES EGG PLANT RIMBANG IN FEED FOR REPRODUCTIVE PROCESSES INHIBIT TILAPIA
- 12:20 LUNCH**
- 13:30 Akhmad Fairus Mai Soni**, Sapto Puji Raharjo, Erik Sutikno, Aris Maryono
FINGERLING CULTURE OF SALINE RED TILAPIA IN POND USING LOW LEVEL PROTEIN FEED ENRICHED WITH ENZYME
- 13:50 Mohamad Soleh**, Agustien N., Khaemudin
SALINE TILAPIA *Oreochromis* sp. BROODSTOCK PRODUCTION GROWTH AND REPRODUCTIVE PERFORMANCE AS EFFORT THE SEED SUPPLY FOR CULTURE
- 14:10 Abdul Mateen**, Noor us Saba
GROWTH, BODY COMPOSITION AND ANTIOXIDANT ENZYMES PROFILE OF *Oreochromis niloticus* AS INFLUENCED BY VITAMIN E FORTIFIED FEED
- 14:30 Kaveh Khaksar**, Marahem Rahmati
THE MEASURING POSSIBILITY OF TILAPIA CULTURE DEVELOPING IN SALINE WATER (CASE STUDY, BAFGH-YAZD), IRAN
- 14:50 Kevin Fitzsimmons**
TILAPIA AQUACULTURE 2016 AND WHERE WILL WE BE IN 2026

NUTRITION AND FEED – CONTINUED

Thursday, April 28 08:30 - 17:20 VIP Room 1

Chairs: Yew Hu Chien, Denny Indradjaja

- 08:30** **Tinggal Hermawan**, Romi Novriadi, Muh Kadari
EFFECT OF DIETS CONTAINING FISH PROTEIN HYDROLISATES ON GROWTH AND IMMUNE PERFORMANCE OF ASIAN SEABASS *Lates calcarifer* (BLOCH) WHEN REARED IN FARM CONDITIONS
- 08:50** **Yuwana Puja**, Arief Prihaningrum, Amran
ARTIFICIAL DIET WITH LOCAL RAW MATERIAL FOR SILVER POMPANO *Trachinotus blochii* GROWOUT
- 09:10** **N. Adiasmara Giri**, M. Marzuqi, N.W. Widya Astuti, W. Andriyanto, Ibnu Rusdi, Retno Andamari
DEVELOPMENT OF COMPOUNDED FEED FOR GROW-OUT OF ABALONE *Haliotis squamata*
- 09:30** **Maria Celia Portella**, Juliana Tomomi Kojima, Thyssia Bomfim Araújo Silva, Konrad Dabrowski, Rodrigo Takata, Dalton Jose Carneiro
EFFECTS OF SUBSTITUTION OF PROTEIN BY CRYSTALLINE AMINOACIDS ON DEVELOPMENT AND FREE AMINO ACIDS OF SKELETAL MUSCLE OF TAMBAQUI *Colossoma macropomum* JUVENILES
- 09:50** **Ibnu Sahidir**, Syafrizal Rijal, Muslim Chut, Ari Prakoso, Abidin Nur
SUCCESSFUL PIONEER OF HOME-MADE FISH FEED IN ACEH
- 10:10** **Maarten Jay van Schoonhoven**, Jintasataporn Orapint
EFFECT OF AN ALGAE-CLAY BASED BIOCATALYST ON THE DIGESTIVE AND GROWTH PERFORMANCE OF NILE TILAPIA *Oreochromis niloticus* FED TWO DIETS WITH DIFFERENT LEVELS OF FISHMEAL
- 10:30** **BREAK**
- 11:00** **Alexander van Halteren**, Sam Ceulemans, Peter Coutteau, Allen (Ming-Hsun) Wu
COST-EFFICIENT REPLACEMENT OF ESSENTIAL LIPIDS (CHOLESTEROL, n-3 HUFA AND PHOSPHOLIPIDS) IN PRACTICAL GROWOUT DIETS FOR WHITE SHRIMP *Penaeus vannamei* USING DIFFERENT SOURCES OF PURIFIED BILE SALTS
- 11:20** **Fitriska Hapsari**, Firman Agus Heriansyah
CHROMIUM UTILIZATION FOR FEED PROTEIN EFFICIENCY OF COMMON CARP *Cyprinus carpio* JUVENILE

- 11:40** **Younis Khan**, Mukhtar Khan
DIETARY THIAMINE REQUIREMENT OF FINGERLING *Catla catla* (HAMILTON) BASED ON GROWTH, FEED CONVERSION, PROTEIN RETENTION, RNA/DNA RATIO, HAEMATOLOGICAL INDICES AND CARCASS COMPOSITION
- 12:00** **Rianasari**, Irwan, Ediwarman, Ahmad Nur Shulikin, Solaiman
FEED FORMULATION FOR GONAD MATURATION OF STRIPED CATFISH BROODSTOCK *Pangasianodon hypophthalmus*
- 12:20** **LUNCH**
- 13:30** **Yew-Hu Chien**, Salam Sawadogo
USE OF PHYTASE TREATED CORN DISTILLER'S DRIED GRAINS WITH SOLUBLES IN CHINESE CATFISH *Silurus asotus* (LINNAEUS, 1758) DIET
- 13:50** **Musharraf Mohammad**, Mukhtar Khan
DIETARY PHOSPHORUS REQUIREMENT OF FINGERLING *Labeo rohita*
- 14:10** **Yusra Sharf**, Mukhtar Khan
TOTAL SULPHUR AMINO ACID REQUIREMENT OF FINGERLING *Channa punctatus* (BLOCH) BASED ON GROWTH, PROTEIN RETENTION, ENERGY RETENTION EFFICIENCY AND CARCASS COMPOSITION
- 14:30** **Isagani P. Angeles Jr.**, Joden G. Quinto, Aleth M. Mamauag, Wilbur F. Dubon, Yew-Hu Chien
REARING PERFORMANCE AND HEMATOLOGICAL PARAMETERS OF NILE TILAPIA *Oreochromis niloticus* FED WITH PHYTASE-TREATED CORN-DISTILLER'S DRIED GRAIN WITH SOLUBLES-SUPPLEMENTED DIET FOLLOWING AMMONIA STRESS
- 14:50** **Ani Widiyati**, Mas Tri Djoko Sunarno, Adang Saputra
GROWOUT OF PATIN *Pangasionodon hypophthalmus* FED ON DIFFERENT PROTEIN LEVELS OF DIET
- 15:10** **Reza Samsudin**, Mas Sunarno, Lusi Suryaningrum
DIGESTIBILITY STUDY OF SPRAY DRIED AND SILAGE BLOOD MEAL IN NILE TILAPIA *Oreochromis niloticus*
- 15:30** **BREAK**
- 16:00** **Mas Tri Djoko Sunarno**, Reza Samsudin, Aditiya Nugraha
EVALUATING FERMENTED WATER HYACINTH *Eichornia crassipes* IN DIET OF TILAPIA-NILA *Oreochromis niloticus*

- 16:20 Reza Samsudin**, Mas Tri Djoko Sunarno, Dedi Jusadi,
Lusi Herawati Suryaningrum
DIGESTIBILITY STUDY OF VARIOUS OF SEAWEED IN NILE TILAPIA
Oreochromis niloticus AND GIANT GOURAMY *Osphronemus gouramy*
- 16:40 Maria Mercè Isern Subich**, Giovanni Sampaio Gonçalves,
Manoel Joaquim Peres Ribeiro, Peter Coutteau
EFFECT OF A GUT HEALTH MODULATOR ON PRODUCTIVITY AND
PROFITABILITY OF NILE TILAPIA *Oreochromis niloticus* IN CAGE FARMING
- 17:00 Md. Abdul Kader**, Muhammad Khalis Kamal, Mahbuba Bulbul,
Noordiyana Bt. Mat Noordin, Abol Munafi B.A. Bolong, Ng Wing Keong,
Shunsuke Koshio
EFFECT OF REPLACING FISH MEAL WITH PALM KERNEL MEAL ON
PERFORMANCE AND OXIDATIVE STRESS OF MALAYSIAN PRAWN
Macrobrachium rosenbergii

MOLLUSC BROODSTOCK AND HATCHERY

Thursday, April 28 11:00 - 12:20 Crystal 5

Chair: Ibnu Rusdi

- 11:00 Mochamad Amiri**, Andry Arfiyanto, M. Imanuddin
APPLICATION OF UV LIGHTS ON LARVAL REARING MEDIA FOR ABALONE
Haliotis squamata
- 11:20 Hery Setyabudi**, Ujang Komarudin, Landra Wijaya
DEVELOPING HATCHERY TECHNOLOGY OF ABALONE *Haliotis asinina* FOR
GERM PLASM PRESERVATION
- 11:40 Januar Hakam**, Riky Rismunandar, Joko Santosa
HISTOLOGICAL STUDY ON HYBRID ABALONE *Haliotis squamata* × *H. asinina*

WATER QUALITY AND USAGE

Thursday, April 28 11:40 - 12:20 Diamond 5

Chair: Bambang Widigdo

- 11:40 Bambang Widigo**
TREATMENT OF SHRIMP FARM SOURCE WATER TO ELIMINATE
CRUSTACEAN VECTOR OF VIRAL DISEASES WITH DICHLORVOS
- 12:00 Muhammad Undu**, Jesmond Sammut, Jennifer Beer, Daniel Alongi
THE NUTRIENT CHARACTERISTICS OF INTENSIVE SHRIMP FARM EFFLUENT

12:20 LUNCH

13:30 **Lilik Masrifa**, Taufik Shidik Adi Nugroho, Indra Purna
ANALYSIS OF HEAVY METALS SUCH AS LEAD (Pb), CADMIUM (Cd) AND MERCURY (Hg) IN FISHPOND OF JAMBI BATANGHARI RIVER WITH ATOMIC ABSORPTION SPEKTROMETRY METHODS (AAS)

13:50 **Bambang Sihananto**, Jamilah Hayati
SCIENTIFIC REVIEW OF FISH MORTALITY CASE ON FISH CAGE AND FISH NET AT FOUR VILLAGES OF MARTAPURA RIVER BANJAR REGENCY

14:10 **Webby**, Bunasir, Rahmat Hidayat, Andri Hariadi, Dite Suprpto, Puji Widodo, Juliansyah
SALINITY TOLERANCE OF SOME KALIMANTAN LOCAL FISH SPECIES; CLIMBING PERCH *Anabas testudineus*, SNAKEHEAD *Channa striata* AND KELABAU *Osteochilus melanopleurus*

14:30 **Nur Indah Sari Arbit**, Ambo Tuwo, Farid Samawi, Suparjo Razasli Carong
THE STATUS OF WATER QUALITY ENVIRONMENT OF BIRINGKASSI IN PANGKEP DISTRICT AND ITS ENVIRONMENTAL MANAGEMENT

14:50 **Eky Nidyananda**, Joko Santosa, Moh. Budianto
MAP OF WATER QUALITY IN WEST NUSA TENGGARA PROVINCE, INDONESIA

CAGE-CULTURE

Thursday, April 28 11:40 - 15:30 Crystal 1

Chairs: Lukas Manomaitis, Coco Kokarkin

11:40 **John Knights**, Robert Calveraz
MORTALITY REDUCTION AND ENHANCED GROWTH OF MILK FISH *Chanos chanos* IN FINGERLING PRODUCTION AND OCEAN CAGE GROWOUT, USING HIGH REACTIVE MODIFIED MAGNESIUM HYDROXIDE AQUA-Cal+

12:00 **Endah Soetanti**, Suhardi Atmoko B.S., Sugeng Raharjo, Dasep Hasbullah
UTILIZATION OF INDEPENDENT FEED WITH DIFFERENT PERCENTAGE FOR MILKFISH GROWOUT IN SEA CAGES

12:20 LUNCH

13:30 **Mizab Asdary**
MULTILOCAION OBSERVATION S OF GROWTH OF HYBRID GROUPER "TIKTANG" *Epinephelus microdon* × *Epinephelus lanceolatus* IN FLOATING NET CAGES

13:50 Francis Murray, Dimitar Taskov, Irina Timonina, Marius Nicolini, David Little, Trevor Telfer, David Bengston, Michael Rice, Mukhlis Kamal, Desyana Cut
A COMPARATIVE ANALYSIS OF CAGE AQUACULTURE SYSTEMS, MARKETS, GOVERNANCE AND ENVIRONMENTAL IMPACT IN THREE INDONESIAN RESERVOIRS AND LAKES

14:10 Dimitar Taskov, Francis Murray, David Little, David Bengston, Trevor Telfer, Michael Rice, Mukhlis Kamal, Desyana Cut
ZONAL AND FARM-SCALE EFFECTS ON NUTRIENT DISCHARGE FROM NET-CAGE AQUACULTURE IN JATILUHUR RESERVOIR, W. JAVA, INDONESIA

14:30 Arsyad Sujangka, Muchammad Burul Huda
THE PROSPECT OF MARINE ORNAMENTAL FISH AQUACULTURE WITH INTEGRATED SYSTEM IN FLOATING SEA CAGES

14:50 Kiara Vallier
MINI-ROVS IMPROVING AQUACULTURE OPERATIONS

PANGASIUUS, CLARIAS AND ICTALURUS

Thursday, April 28 13:30 - 15:20 Crystal 2

Chair: Nguyen Vo Hoang

13:30 Nhut Nguyen, N.H. Quan, N.V. Hao, R.H. Bosma, M.C.J. Verdegem, J.A. Verreth, E.H. Eding
EFFECT OF AN SINGLE SLUDGE DENITRIFICATION REACTOR ON GROWTH PERFORMANCE AND ENVIRONMENTAL SUSTAINABILITY OF STRIPED CATFISH *Pangasianodon hypophthalmus* (SAUVAGE, 1878) FARMING

13:50 Irwan, Evi Rahayuni, Solaiman
REPRODUCTIVE PERFORMANCE ON DIFFERENT AGE OF STRIPED CATFISH BROODSTOCK *Pangasianodon hypophthalmus*

14:10 Evi Rahayuni, Irwan, Catur Setiowibowo, Samsul Kurniawan
APPLICATION USE OF PROTEIN RECOMBINANT GROWTH HORMONE (rGH) IN STRIPED CATFISH *Pangasianodon hypophthalmus*

14:30 Rimatulhana Ramly, Siti-Zahrah Abdullah, Siti-Hawa Mohamad Ali, Hazreen-Nita M Khalid, Zamri-Saad Mohd, Nur-Nazifah Mansor
DISEASES OF STRIPED RIVER CATFISH *Pangasius hypophthalmus* CULTURED IN SUNGAI PAHANG AND SUNGAI PERAK, MALAYSIA

14:50 Irwan, Evi Rahayuni, Catur Setiowibowo, Solaiman, Nofri Hendra
IMPROVEMENT OF SEED PRODUCTION TECHNIQUES STRIPED CATFISH *Pangasianodon hypophthalmus*

HIGH QUALITY TILAPIA

Thursday, April 28 13:30 - 17:20 Crystal 5

Chair: Stephanie Steeves



- THURSDAY**
- 13:30 Chris Beattie**
INTRODUCTION
- 13:50 Siow Foong Chang**
STREPTOCOCCOSIS: IMPLICATIONS FOR AQUACULTURE
- 14:30 Win Surachetpong**
VACCINATION IMPACT ON STREPTOCOCCAL IMMUNITY IN TILAPIA
- 15:10 Stephanie Steeves**
MSD ANIMAL HEALTH: STARTS HERE
- 15:30 BREAK**
- 16:00 Prakan Chiarahkhongman, Parinda Kamchum**
THE EXPERIENCES OF USING TILAPIA STREPTOCOCCUS VACCINES AS A BENEFICIAL TOOL FOR DISEASE CONTROL AND PREVENTIVE MEASURE IN THAILAND
- 16:40 Scott Zimmerman**
MANAGEMENT STRATEGIES FOR VETERINARY MEDICINAL PRODUCTS IN AQUACULTURE

UTILIZATION OF AMINO ACIDS IN AQUACULTURE

Thursday, April 28 13:30 - 17:20 Diamond 1

Chair: Girish Channarayapatna, Alber Tacon



- 13:30 Alexandros Samartzis, Nathan Felix, Karthik Masagounder, Girish Channarayapatna**
EFFECTS ON GROWTH PERFORMANCE OF PACIFIC WHITE SHRIMP *Litopenaeus vannamei* TO INCREASING LEVELS OF MET + CYS, UNDER POND CULTURE CONDITIONS

- 13:50** **Alberto Nunes**, Felipe Façanha, Adhemar Oliveira-Neto, Cláudia Figueiredo-Silva
NATURAL FOOD AND STOCKING DENSITY AFFECTS THE SUPPLEMENTATION OF DL-METHIONYL-DL-METHIONINE (AQUAVI® Met-Met) IN PRACTICAL DIETS FOR THE WHITELEG SHRIMP *Litopenaeus vannamei* FARMED IN GREEN-WATER CONDITIONS
- 14:10** **Daranee Sookying**, Donald Davis
ALTERNATIVE FEED FOR SHRIMP
- 14:30** **Dhanapong Sangsue**, Claudia Figueiredo-Silva, Suphada Kiriratnikom, Andreas Lemme
METHIONINE NUTRITION OF TILAPIA
- 14:50** **Mukhtar Khan**, Mohammad Musharraf, Seemab Zehra, Alexandros Samartzis, Karthik Masagounder
EFFECT OF VARYING LYSINE TO ENERGY RATIO ON THE GROWTH, PROTEIN RETENTION EFFICIENCY, RNA/DNA RATIO, HAEMATOLOGICAL PARAMETERS AND CARCASS COMPOSITION OF FINGERLING *Labeo rohita*
- 15:10** **Erwin Suwendi**, Dominique P. Bureau, Cláudia Figueiredo-Silva, P. Hidayat, Katheline Hua
FISH SIZE AFFECTS LYSINE UTILIZATION EFFICIENCY AT MARGINAL LYSINE INTAKE IN NILE TILAPIA *Oreochromis niloticus*
- 15:30** **BREAK**
- 16:00** **Cláudia Figueiredo-Silva**, Karthik Masagounder
AMINO ACID NUTRITION AND DIGESTIBILITY IN WHITELEG SHRIMP: WHERE DO WE STAND?
- 16:20** **Albert G.J. Tacon**
GLOBAL SHRIMP PRODUCTION TRENDS AND ISSUES
- 16:40** **Albert G.J. Tacon**
RISKS AND BENEFITS OF EXTRUDED SHRIMP FEEDS

FISH BIOLOGY AND PHYSIOLOGY

Thursday, April 28 13:30 - 17:20 VIP Room 2

Chair: Weiqun Lu

THURSDAY

- 13:30** **Wartono Hadie**, Angela Mariana Lusiastuti, Lies Emmawati Hadie, Jony Haryadi
THE COELACANTH *Latimeria menadoensis*: STUDY OF HISTOLOGY ANATOMY OF THE INTERNAL ORGAN
- 13:50** **Weiqun Lu**, Yingying Jin, Michael Greenwood, Richard Balment
CALCIUM REGULATION IN THE EURYHALINE FLOUNDER *Platichthys flesus*
- 14:10** **Dinh Tran**, Dang Thuy Mail Thy, Ho Thi Thuy Huong
REPRODUCTIVE BIOLOGY OF VERMICULATED SAILFIN CATFISH *Pterygoplichthys disjunctivus* (WEBER, 1991) IN THE MEKONG DELTA, VIETNAM
- 14:30** **Bambang Sihananto**, Jamilah Hayati, Dite Suprpto, Puji Widodo
HISTOLOGICAL GONAD CHARACTERISTIC OF FEMALE SNAKEHAD *Channa striata* (BLOCH) CULTIVATE ON PEATLAND AREA
- 14:50** **Jojo Subagja**, Vitas Atmadi Prakoso
ADAPTATION AND GROWTH PERFORMANCE ON FISH POPULATION OF FAMILY MUGILIDAE FROM BENGKULU AND WEST JAVA IN A CONTROLLED ENVIRONMENT
- 15:30** **BREAK**
- 16:00** **Ku Hu**, Rongrong Ma, Tao Ren, Ping Zhuang, Wenhong Fang, Xian le Yang
ENROFLOXACIN PHARMACOKINETICS AND TISSUE DISTRIBUTION IN *Takifugu flavidus* AFTER ORAL ADMINISTRATION AT THREE SALINITY LEVELS
- 16:20** **Bibha Kumari**
EXPOSURE OF ARSENIC GIVES EFFECTS ON GROWTH AND DEVELOPMENT ON AN INDIAN CATFISH *Clarias batrachus* (Linn)

POLICY AND REGULATIONS

Thursday, April 28 16:00 - 16:40 Crystal 1

Chair: Reza Pahlevi, M. Rofiq

- 16:00 Barbara Montwill**
U.S. FDA REGULATORY APPROACH TO VETERINARY DRUGS USED IN AQUACULTURE
- 16:20 A. Indra Jaya Asaad**, Ruzkiah Asaf, Hasnawi
POLICY OPTIONS IN THE DEVELOPMENT OF AQUACULTURE TECHNOLOGY: CASE STUDY DEVELOPMENT OF SUPER INTENSIVE TECHNOLOGY FOR SHRIMP AQUACULTURE IN BARRU DISTRICT, SOUTH SULAWESI, INDONESIA

POLYCULTURE

Thursday, April 28 16:00 - 17:00 Crystal 2

Chair: Sugeng Raharjo

- 16:00 Boyun Handoyo**, Syofan
INCREASE PROFITS OF ASIAN CATFISH CULTURE *Pangasianodon hypophthalmus* USE POLYCULTURE SYSTEM WITH GIANT GOURAMY *Osphronemus gouramy*
- 16:20 Sugeng Raharjo**, Endah Soetanti, Dasep Hasbullah, Mutmainna, Jumriadi
POLYCULTURE EXPERIMENT OF LAWI-LAWI *Caulerpa* sp. AND BRACKISHWATER NILE HYBRID BPBAPT IN CONTROLLED VESSEL

WASTAGE UTILISATION

Thursday, April 28 16:00 - 17:20 Diamond 5

Chair: Bambang Widigdo

- 16:00 Ceno Harimurti**, Mei Indra, Anton Kusuma, Juyana, Rohmatun Nafidah
MASS PRODUCTION OF TUBIFICID WORM *Tubifex* sp. FROM UTILIZATION OF CATFISH GROWOUT WASTEWATER
- 16:20 Khairul Anwar**, Akhmad Riva'i, Supriani, Andri Hariadi, Webby
SALVAGE OYSTER MUSHROOM *Pleurotus ostreatus* AS CULTURE MEDIA OF WORM *Lubricus rubellus* FOR FISH FEED
- 16:40 Khairul Anwar**, Akhmad Riva'i, Supriani, Tulus, Andri Hariadi, Webby
UTILIZATION OF CATFISH CULTURE WASTE WATER AND FERMENTED TOFU WASTE TO INCREASE PRODUCTION AND QUALITY OF SILK WORM *Tubifex* sp.
- 17:00 Juliansyah**, Noor Fahmi, Irfan Idrus
DESIGN OF PROTOTYPE ON INDIGENOUS FISH SPECIES BREEDING IN SAVE WATER MODE STYROFOAM

SHELLFISH AND OYSTER

Thursday, April 28 16:00 - 17:40 Crystal 3

Chair: Ujang Komarudin

16:00 CANCELLED

16:20 Yifen Wang, Jinglin Zhang
STUDY ON THE TEXTURAL AND VOLATILE CHARACTERISTICS OF OYSTER
Crassostrea gigas DURING STORAGE

16:40 Sofian Ansori, Silvian Rusminar, Ellis Mursitorini
ANALYSIS OF HEAVY METAL CONTENT IN MEAT ON GREEN MUSSELS WHEN
MONITORING IN THE BANTEN PROVINCE

17:00 Nur Muflich Juniyanto, U. Hendri Istrada, Hendrianto, Ahmad
APPLICATIONS OF SEAWEED *Gracillaria* sp. AS AN ALTERNATIVE FEED
TO ACCELERATE ON SPAWNING PROCESS FOR DOMESTICATION OF
GONGGONG *Strombus canarium* BROODSTOCKS

17:20 Nur Muflich Juniyanto, U. Hendri Istrada, Sitta Aprianing, Ahmad
COMPARISON OF ABALONE *Haliotis asinina* SEED PRODUCTIVITY THROUGH
THE APPLICATION REARING USING 3 DIFFERENT SHELTERS PLACEMENT
MODELS

SEA CUCUMBERS AND URCHINS

Thursday, April 28 16:40 - 17:20 Crystal 1

Chair: Yaqing Chang

16:40 Md Anisuzzaman, Feng Jin, Hak Sun Yu, Seung Wan Kang, Byong Dae Choi,
Seok Joong Kang
LIPIDS CHARACTERISTICS OF CULTURED SEA CUCUMBER *Apostichopus*
japonicus

17:00 Dwi Handoko Putro, Suci Antoro, Asmanik, Silfester Basi Dhoe
SEA CUCUMBER *Holothuria scabra* SEED PRODUCTION TECHNIQUE

THURSDAY

FRIDAY, April 29

FRESHWATER AQUACULTURE, CARRYING CAPACITY AND ENVIRONMENTAL IMPACT

Friday, April 29 08:30 - 10:30 Crystal 2

Chair: David Bengtson

- 08:30 David Bengtson**, Joshua Oakley, Terri Breeden, Arthur Gold, Michael Rice
AQUACULTURE CARRYING CAPACITY OF LAKE JATIGEDE, INDONESIA
- 08:50 Terri Breeden**, David Bengtson, Arthur Gold, Michael Rice
MODELING AQUACULTURE CARRYING CAPACITY IN THE CIRATA
RESERVOIR, JAVA, INDONESIA
- 09:10 Pamela L. Booth**
TRANSITIONING FROM LAND- TO WATER-BASED ECONOMY: LESSONS
FROM WADUK JATIGEDE
- 09:30 Boyun Handoyo**, Gagan Garnawansyah, Ahmad Suhaeri, Pepen Supendi
PRODUCTION OF EEL *Anguilla bicolor* FOR BUSINESS SCALE IN
AQUACULTURE BUSINESS CENTER (ABC) KARAWANG, INDONESIA

BIO-FLOC SYSTEMS

Friday, April 29 08:30 - 11:30 Diamond 1

Chair: Julie Ekasari

- 08:30 Sugantham Felix**, Menaga Meenaksisundaram, Gopala Kannan
EFFECT OF MF-CEED AS CARBON SOURCE IN THE OUTDOOR NURSERY
REARING OF PACIFIC WHITE SHRIMP *Litopenaeus vannamei* UNDER
AEROBIC MICROBIAL FLOC TECHNOLOGY
- 08:50 Sugantham Felix**, Menaga Meenakshisundaram, N.K. Chada
EVALUATION STUDIES ON THE RELATIVE EFFICACY OF AEROBIC MICROBIAL
FLOC(AMF) DRIVEN RACEWAYS AND LINED PONDS FOR THE NURSERY
REARING OF PACIFIC WHITE SHRIMP *Litopenaeus vannamei*
- 09:10 Menaga Meenakshisundaram**, Felix Sugantham
INFLUENCE OF CARBOHYDRATE ENRICHED DISTILLERY EFFLUENT
(MF-CEED) ON AEROBIC MICROBIAL FLOCCULENT DRIVEN NURSERY
RACEWAYS TECHNOLOGY FOR PACIFIC WHITE SHRIMP *Litopenaeus
vannamei*

- 09:30** **Zhigang Zhao**, Qiyou Xu, Liang Luo, Chang'an Wang, Jinnan Li, Liansheng Wang
EFFECT OF FEED C/N RATIO PROMOTED BIOFLOCS ON WATER QUALITY AND PRODUCTION PERFORMANCE OF BOTTOM AND FILTER FEEDER CARP IN MINIMUM-WATER EXCHANGED POND POLY CULTURE SYSTEM
- 09:50** **Julie Ekasari**, Enang Surawidjaja, Muhammad Zairin, Peter De Schryver, Peter Bossier
POSITIVE EFFECTS OF BIOFLOC SYSTEMS ON NILE TILAPIA OFFSPRING PRODUCTION
- 10:10** **Ashraf Suloma**, Rania Mabroke, Azab Tahoun, Abd El-Naem Zidan, Mohamed El-Shafiey
EFFECT OF FEED FREQUENCY ON TILAPIA FINGERLINGS UNDER BIOFLOC SYSTEM
- 10:30** **Akhmad Riva'i**, Khairul Anwar, Webby, Aulia Ilmi, Andri Hariadi, Akmal, Sunyoto, Andi Buana
BIOFLOC TECHNOLOGY USED IN HOUSEHOLD SCALE ARTIFICIAL FEED TO SUPPORT THE FISH CULTURE
- 10:50** **Yohanna R. Widyastuti**, Angela M. Lusiastuti
PRODUCTION TECHNIQUE OF BIOFLOC HETEROTROF BACTERIAS IN LOW COST BACTERIAL CULTURE MEDIA
- 11:10** **Nyan Taw**
SHRIMP FARMING IN BIOFLOC TECHNOLOGY: A SIMPLE TECHNICAL APPROACH FOR SHRIMP FARMERS FOR SUSTAINABLE PRODUCTION

FOOD SAFETY, INSPECTIONS AND AUDITS

Friday, April 29 08:30 - 10:30 Crystal 1

Chair: Guy Carton

- 08:30** **Nassrin Mashaii**, Mohammad Hossein Mosaddegh, Habib Sarsangi, Farhad Rajabipour
FATTY ACID COMPOSITION IN MUSCLE TISSUES OF RAINBOW TROUT *Oncorhynchus mykiss*
- 08:50** **Kai-Jens Kuehlmann**, Ramakanta Nayak, Attila Honfi, Paul Koolen
AN EFFICIENT MYCOTOXIN ANALYSIS TO AQUACULTURE FEEDS

- 09:10** **Dwi Rahwanto**, Ratna Amalia Kurniasih, Subhan
WITHDRAWAL TIME OF ANTIBIOTIC ENROFLOXACINE FOR SAFE
MEDICATION USE IN CATFISH FARMING
- 09:30** **Ratna Amalia Kurniasih**, Rd. Kusyadi
OXYTETRACYCLINE WITHDRAWAL TIME AND RESIDUE IN TILAPIA
Oreochromis niloticus AFTER ORAL ADMINISTRATION IN FEED
- 09:50** **Suherman**, Ezra Yuni Tyastutiningsih
WITHDRAWAL TIME DETERMINATION OF OXYTETRACYCLINE ANTIBIOTIC
ON COMMON CARP
- 10:10** **Kurniastuty**, Verly Dharmawati, Muawanah
EVALUATION OF HEAVY METAL CONCENTRATION (Pb AND Cd) IN GREEN
MUSSEL *Perna viridis* IN LAMPUNG PROVINCE

GENETICS AND BREEDING OF FRESHWATER FISHES

Friday, April 29 08:30 - 15:30 Crystal 3

Chairs: Chenghui Wang, Alimuddin, Rudhy Gustiano

- 08:30** **Khalid Abbas**, Saba Bashir
DNA MARKERS REVEAL GENETIC STRUCTURE OF *Cyprinus carpio*
POPULATIONS IN RIVER CHENAB
- 08:50** **Alimuddin**, Azis, Adi Sucipto, Sukenda, Muhammad Zairin Jr.
HIGH SURVIVAL IN THE MHC I MARKER SELECTED AFRICAN CATFISH F1
GENERATION AGAINST *Aeromonas hydrophila* INFECTION
- 09:10** **Wahyutomo**, Tulus, Geen Awak, Ishak Usman
BROODSTOCK TO BE OF SNAKEHEAD *Channa striata* (BLOCH) PRODUCTION
TO ENHANCE THE PRODUCTIVITY OF PEAT LAND
- 09:30** **Yayat Supriat**, Rohana Hidayati, Endang Mudjiutami
TILAPIA BREEDING DEMONSTRATION POND OF MANDIANGIN FRESHWATER
AQUACULTURE DEVELOPMENT CENTER (MFADC) LOCATED IN BANJAR
DISTRICT, SOUTH KALIMANTAN
- 09:50** **Juliansyah**, Noor Fahmi, Irfan Idrus
MASS SCALE BREEDING OF KELABAU *Osteochilus melanopleurus*
GENERATION 2 (G2) IN FLOATING CAGE

- 10:10 Rahmat Hidayat**, Odang Carman, Alimuddin, Endang Mudjiutami, Bunasir, Syafrudin
SEXUAL DIMORPHISM IN CLIMBING PERCH *Anabas testudineus* RELATED TO GROWTH
- 10:30 Iri Irina Kusmini**, Rudhy Gustiano, Deni Radona, Vitas Atmadi Prakoso, Jojo Subagja, Fera Permata Putri
GENOTYPE AND PHENOTYPE CHARACTERIZATION OF TINFOIL BARB *Barbonymus schwanenfeldii* POPULATION FROM JAVA, SUMATRA AND KALIMANTAN
- 10:50 Rahmat Hidayat**, Odang Carman, Alimuddin, Endang Mudjiutami, Jamilah Hayati, Bambang Sihananto
PREDICTION OF CLIMBING PERCH *Anabas testudineus* SEX DIFFERENTIATION
- 11:30 LUNCH**
- 13:30 Rahmat Hidayat**, Odang Carman, Alimuddin, Endang Mudjiutami, Bunasir, Jamilah Hayati
ORAL ADMINISTRATION OF 17 α -METHYLTESTOSTERON FOR CLIMBING PERCH *Anabas testudineus* FUNCTIONAL MALE PRODUCTION
- 13:50 Wahyulia Cahyanti**, Otong Zenal Arifin, Jojo Subagja
GROWTH PERFORMANCE OF KISSING GOURAMI *Helostoma temminckii* FROM WEST JAVA, SOUTH KALIMANTAN AND JAMBI
- 14:10 Jojo Subagja**, Anang Hari Kristanto, Idil Ardi, Muhammad Hunaina Fariduddin Ath-thar
AN EARLY *EX-SITU* ADAPTATION OF BARRED LOACH *Nemacheilus fasciatus* (VALENCIENNES, 1846)

FISH HEALTH

Friday, April 29 08:30 - 15:30 Crystal 4

Chair: Maskur, Taukhid

- 08:30 Mohammad Noor Amal Azmai**, Siti Suhaiba Mastor, Ahmad Ismail, Mohd Zamri Saad
JAVANESE MEDAKA *Oryzias javanicus* (BLEEKER, 1854) AS A POTENTIAL MODEL ORGANISM FOR STUDY OF STREPTOCOCCOSIS IN FISH

- 08:50 Nutnicha Sookchaiyaporn**, Prapansak Srisapoom, Sasimanas Unajak, Nontawith Areechon
EFFECT OF PROBIOTICS ISOLATED FROM NILE TILAPIA *Oreochromis niloticus* (LINN.) ON GROWTH, INNATE IMMUNITY AND INHIBITION OF PATHOGENIC BACTERIA
- 09:10 Mansor Nur Nazifah**, A. Siti-Zahrah, M. Syamil, A. Sofiyah
MOLECULAR CHARACTERIZATION OF *Aeromonas hydrophila* ISOLATED FROM *Pangasius hypophthalmus* (SAUVAGE, 1878) IN PAHANG RIVER, MALAYSIA
- 09:30 Azila Abdullah**, Norazila Jelani, Zamri Mohd. Saad, Siti Zahrah Abdullah
HISTOPATHOLOGICAL CHANGES IN MARINE FISH WITH NATURALLY OCCURRING VIRAL INFECTION
- 09:50 Thirumurugan Ramasamy**, Arun Sridhar, Sathiya Deepika M., Rajkumar Krishnasamy Sekar, Vignesh Venkatasamy
DISCERN THE PRESENCE OF A NOVEL ANTIMICROBIAL PEPTIDE (AMP) IN THE EPIDERMAL FISH MUCUS OF FRESHWATER FISH COMMON CARP *Cyprinus carpio* AND IDENTIFYING ITS ACTION
- 10:10 Angela M. Lusiastuti**, Septyan Andriyanto, Reza Samsudin
THE SURVIVAL RATE AND RESPIRATORY BURST ACTIVITY OF CATFISH *Clarias* sp. USING MICROENCAPSULATED PROBIOTIC AGAINST MOTILE AEROMONADS SEPTICEMIA DISEASE
- 10:30 Desy Sugiani**, Otong Zaenal Arifin, Tatik Mufidah, Uni Purwaningsih
FIELD TEST APPLICATION OF BIVALENT VACCINE TO PREVENT MOTILE AEROMONAS SEPTICEMIA AND MYCOBACTERIOSIS DISEASE ON GIANT GOURAMI
- 10:50 Uni Purwaningsih**, Angela M. Lusiastuti, Desy Sugiani, Yani Aryati
MULTILOCATION TEST OF *Mycobacterium fortuitum* VACCINE “MYCOFORTYVAC” FOR PREVENTION OF MYCOBACTERIOSIS DISEASE IN GOURAMY *Osphronemus gouramy*
- 11:10 Taukhid**, Lila Gardenia, Septyan Andriyanto
EFFICACIOUS OF COMBINED “THREE-VALENT” VACCINE (*Aeromonas hydrophila*, *Streptococcus agalactiae*, AND *Mycobacterium fortuitum*) TO PREVENT BACTERIAL DISEASES ON FRESHWATER AQUACULTURE
- 11:30 LUNCH**

- 13:30 Nunak Nafiqoh**, Desy Sugiani, Hesy Novita
SENSITIVITY TEST OF SIX MEDICINAL HERBS AGAINST VARIOUS FRESHWATER BACTERIAL PATHOGEN AND PARASITES
- 13:50 Ipong Adi Guna**, Adi Suseno, Tinggal Hermawan
FIXED UP SEED PRESERVE MANAGEMENT WITH RESIRCULATION'S SYSTEM AND HEAT SHOCK WATER TO GROWTH AND RATE SURVIVAL OF SEA BASS *Lates calcarifer* (BLOCH)
- 14:10 Asep Suhendra**, Jaelani
CONTROLLING ARGULOSIS *Argulus* sp. ON FRESHWATER FISH
- 14:30 Meistina Lanrida**, Dwi Atmoko, Sumadiharjo
HERBAL ANTIBIOTICS IN NURSERY PRODUCTION OF ASIAN SEA BASS *Lates calcarifer* (BLOCH)
- 14:50 Muh Kadari**, Sal Sal Purba, Dikrurahman, Ahmad Zaeni
WATER HEATER APPLICATIONS
- 15:10 Agung Darmono**, Antin Sri Lestari, Joni Agus R.
DISINFECTANT APPLICATIONS IN BARRAMUNDI *Lates calcarifer* (BLOCH) HATCHERY (LARVICULTURE)
- 15:30 Muh Kadari**, Sal Sal Purba, Dikrurahman, Ahmad Zaeni
THE APPLICATION OF WATER HEATER FOR BARRAMUNDI SEEDS PRODUCTION

ENVIRONMENT, BIODIVERSITY AND CLIMATE CHANGE

Friday, April 29 08:30 - 15:30 Diamond 2

Chair: I. Patrick Saoud

- 08:30 I. Patrick Saoud**, Yara Daou, Nadim Farajalla
ASSESSING THE ENVIRONMENTAL IMPACT OF TROUT AQUACULTURE ON THE LEBANON PORTION OF THE ASSI (ORONTES) RIVER
- 08:50 Betutu Senggagau**, Manja Meyky Bond
CHITOSAN FROM BLUE CRAB SHELL REDUCES SEVERAL HEAVY METAL IN POLLUTED WATER
- 09:10 Lutfi H. Murtiono**, Umar Rifai, Abdul Gani, Herlina Tahang
SUSTAINABILITY STATUS OF THE GROUPER MARICULTURE IN FLOATING CAGES IN THE INNER OF AMBON BAY, MALUKU PROVINCE

- 09:30 Endang Mudjiutami**, Rahmat Hidayat
FISH RESOURCES CONSERVATION BY INDIGENOUS FISH SPECIES CULTURE IN KALIMANTAN
- 09:50 Muawanah**, Tri Haryono, Wahyu Widiatmoko, Kurniastuty
LONG TERM DATA MONITORING (1998 – 2015): CHARACTERISTIC OF SEAWATER QUALITY AT HURUN BAY LAMPUNG
- 10:10 Mohammad Syaichudin**, Suhardi A.B. Susilo, Khairil Jamal
PRELIMINARY INVESTIGATION ON THE EFFECTIVENESS OF MACROALGAE *Gracilaria gigas* IN PHYTOREMEDIATION OF AQUACULTURE WASTE WATER
- 10:30 Mohammad Syaichudin**, Suhardi A.B. Susilo, Abdul Gafur
EFFECTIVENESS OF THE APPLICATION OF MACROALGAE *Eucheuma spinosum* AS ABSORPTION AGENT OF METAL IN POLLUTED WATERS
- 10:50 Mudian Paena**, Muhammad Chaidir Undu, Razki Antoni Suhaemi
SEDIMENT CHARACTERISTIC ANALYSIS WHEN THE RAINY AND DRY SEASON GULF LABUANGE BARRU DISTRICT AS A RECIPIENT OF ORGANIC WASTE FROM SUPER INTENSIVE POND
- 11:30 LUNCH**
- 13:30 Ma'in**, Sutrisno Anggoro, Setia Budi Sasongko
ASSESSMENT OF ENVIRONMENTAL IMPACT ON BIOFLOC TECHNOLOGY APPLICATION IN SHRIMP FARMING ACTIVITIES WITH LIFE CYCLE ASSESSMENT METHOD
- 13:50 Reagan Septory**
THE PREPARATION OF WASTEWATER AS NUTRIENT SOURCE FROM *Plectropomus leopardus* SEED PRODUCTION IN AERATION AND NONAERATION CONDITION TO CULTIVATE *Nannochloropsis oculata*
- 14:10 Adiguna Rahmat Nugraha**, Nanda Radhitia Prasetiawan
CORAL REEFS ON OTO NDOLE-NDOLE BLUE HOLE AND ITS POTENTIAL AS CONSERVATION AREA

SHRIMP FARM DESIGN AND MANAGEMENT

Friday, April 29 08:30 - 15:30 Diamond 3

Chairs: Mike Rimmer, Andi Parenrengi

- 08:30** **Fernando Garcia Adad**, Fabrizzio Vanoni
NURSERY PHASE IN SHRIMP FARMS: BENEFITS BEYOND EMS/AHPND
- 08:50** **J.M.P.K. Jayasinghe**
SEDIMENT INDUCED ACIDIFICATION OF SHRIMP CULTURE PONDS:
CONSEQUENCES AND IMPACTS
- 09:10** **Eric Leclercq**, Juan Quimi, Jordana Lopez, Eric Mialhe, Stéphane Ralite,
Mathieu Castex
EFFECT OF BIOREMEDIATION STRATEGIES (LALSEA® BIOREM) ON WHITE
SHRIMP *Litopenaeus vannamei* GROWTH, WATER QUALITY AND SEDIMENT
MICROBIOME IN A CONTROLLED TANK MODEL MIMICKING SHRIMP PONDS
- 09:30** **Heru Salamet**, Hariyano Mhrs, Rochman Subiyanto
EFFECT OF THE MAINTENANCE OF COLOR CONTAINERS GROWTH VANAME
SHRIMP *Litopenaeus vannamei* IN FLOATING NET
- 09:50** **Herno Minjoyo**, Silvester Basi Dhoe, Akhmad Murtadho
WHITE SHRIMP *Litopenaeus vannamei* CULTURE WITH DIFFERENT WATER
DEPTH IN FLOATING NET-CAGES
- 10:10** **Herno Minjoyo**, Silvester Basi Dhoe, Arief R. Rivaie, Akhmad Murtadho
VANNAMEI SHRIMP *Litopenaeus vannamei* CULTURE WITH DIFFERENT
INITIAL SIZE OF SEED IN FLOATING NET-CAGES
- 10:30** **Lisa Ruliaty**, Arofah Lyla Nurhayati, Ery Sutanti, Nur Kholifah
BIOLOGICAL INDICATORS OF SUCCESS SHRIMP VANAME POND
- 10:50** **Marwa Tantu**, Imanuel Pattipeilohy, Rochman Subiyanto
MAINTENANCE IN KJA VANAME SHRIMP STOCKING DENSITY WITH
DIFFERENT
- 11:30** **LUNCH**
- 13:30** **Rochman Subiyanto**, Johanis Bakarbessy, Basir Tuatoy
SHRIMP VANAME FARMING IN FLOATING NET AS AN ALTERNATIVE
INCREASING INCOME FARMER IN AMBON

FRIDAY

- 13:50 Warih Hardanu**, Herinto, Atri Triana Kartikasari
SMALL SCALE CULTURE OF *P. monodon* FOR PROFITABILITY AND SUSTAINABILITY
- 14:10 Warih Hardanu**, Herinto
APPLICATION OF BACTERIAL SUBSTRATE IN TIGER SHRIMP *P. monodon* CULTURE

ORNAMENTALS

Friday, April 29 08:30 - 15:30 Diamond 5

Chair: Media Fitri, Laurent Pouyaud

- 08:30 Anna Mercy**, Sajan Sajeevan
STRUCTURE OF THE TESTIS OF *Sahyadria denisonii* (DAY) AN ENDEMIC AND THREATENED ORNAMENTAL CYPRINID OF THE WESTERN GHATS OF INDIA
- 08:50 Narulitta Ely**, Sunarto Naruto, Syaripudin Ipeh
ORNAMENTAL FISH PRODUCTION NEMO HYBRID VARIANT PICASSO (*Amphiprion percula* var. *picasso*) WITH SOLID SCATTER DIFFERENT IN FLOATING NET
- 09:10 Heru Salamet**, Hariyano Maharissi, Hamsah Amiruddin
ENLARGEMENT ORNAMENTAL FISH POLYCULTURE SYSTEM IN FLOATING NET
- 09:30 Hamida Pattah**, Hamsah Amirudin, Marwa Tantu
FEED TRIAL DIFFERENT DOSAGE FOR MAINTENANCE CLOWN FISH PICASSO *Amphiprion percula* IN FLOATING NET
- 09:50 Abdul Gani**, Robianta Nurhadi, Hariyano Maharissi
INCREASING PRODUCTION OF DECORATIVE FISH NEMO FROSTBITE (*Amphiprion ocellaris* var. *Frostbite*) WITH VARIATION MATCHMAKING
- 10:10 Abdul Gani**, Imanuel Pattipeilohy, Robianta Nurhadi, Hariyano Maharissi
SEED QUALITY IMPROVEMENT THROUGH CLOWNFISH FROSTBITE PRODUCTION AND SNOW FLAKE
- 10:30 Abdul Gani**, Imanuel Pattipeilohy, Herlina Tahang
INCREASING ECONOMIC VALUE THROUGH CLOWNFISH SEED PRODUCTION PICASSO AND PLATINUM
- 10:50 Abdul Gani**, Hariyano Maharissi, Herlina Tahang, Imam Nurhadi
ACCELERATION AND IMPROVING QUALITY OF SEEDS THROUGH TURN ON PARENT COUPLE CLOWNFISH PRODUCTIVE

- 11:10 Ofri Johan**, Agus Priyadi, Wartono Hadie, Sri C. Herminawati,
Anjang B. Prasetio
THE EXISTENCE OF BROODSTOCK FOR ORNAMENTAL CORALS AND MARINE
FISH IN KETAPANG ISLAND, EAST BELITUNG AND SEVERAL AREAS IN
INDONESIA
- 11:30 LUNCH**
- 13:30 Ahmad Musa**, Rina Hirnawati, Remi Dugue
VITELLOGENIN IDENTIFICATION AND PURIFICATION OF FOUR VARIANTS
MONOMORPHIC ASIAN AROWANA: BANJAR *Scleropages macrocephalus*,
PAPUA *Scleropages jardinii*, PINOH *Scleropages macrocephalus* AND
SUPER RED *Scleropages legendrei*, INITIAL STEP FOR SEX IDENTIFICATION
PURPOSE
- 13:50 Anjang B. Prasetio**, Eni Kusrini, Agus Priyadi, Rendy Ginanjar, Asep Permana
THE SUCCESSFUL RESEARCH, DEVELOPMENT AND APPLICATION BREEDING
TECHNOLOGY TO SOCIETY OF ORNAMENTAL FISH IN SEVERAL AREAS IN
INDONESIA
- 14:10 Anjang Bangun Prasetio**
REIKKA BLUEPRINT: THE CONCEPT OF ACCELERATING ORNAMENTAL FISH
RESEARCH AND DEVELOPMENT TO REINFORCE SOCIETY WELFARE
- 14:30 Amita Saxena**
FISHERIES AND TOURISM

NUTRITION AND FEED – CONTINUED 2

Friday, April 29 08:30 - 15:30 VIP Room 1

Chair: INA Giri

- 08:30 Herry Herry**, Sofi Hanif, Iis Sumartini, Evi Amriawati, Ece Ridwan, Khojjah,
Ardi Wahid Ramdhan
GROWER FEED FORMULATION FOR SANGKURIANG CATFISH WITH SINGLE
CELL PROTEIN (SCP) MIXTURE
- 08:50 Dian Hardiantho**, Yanti DH, Nurdy Faridah, Alimuddin A., Nisa Khairunnisa,
AE Prasetiyo
MINAGROW AS SUPPLEMENTS STIMULATING GROWTH AND INCREASING
PRODUCTION EFFICIENCY FRESHWATER FISH FARMING

- 09:10 Adel K. Soliman**, Habashy M. Hasan, Asmaa. I. Mohamed, Ahmed G. EL-Komy
PARTIAL AND COMPLETE REPLACEMENT OF FISH MEAL PROTEIN BY LUPIN MEAL PROTEIN AND LUPIN PROTEIN CONCENTRATE IN DIETS OF NILE TILAPIA *Oreochromis niloticus*
- 09:30 Moved to Poster Board 228**
- 09:50 Ibnu Sahidir**, Ferliadi Adi, Ari Prakosa, Muslim Chut, Abidin Nur
SEA GRAPES *Caulerpa lentillifera* AS A SUPPLEMENTAL FEED INGREDIENTS FOR BRACKISHWATER NILE TILAPIA
- 10:10 Evi Amriawati**, Linda Rahmi, Edi Pramono, Ardy Wahid Ramdhan
EVALUATION OF NUTRITION PARAMETERS OF MANUFACTURED FISH FEED IN WEST JAVA
- 10:30 Linda Rahmi**, Evi Amriawati, Edi Pramono, Ardy Wahid Ramdhan
HOMEMADE FISH FEED: MONITORING AND EVALUATION OF FEED QUALITY AND DISTRIBUTION OF RAW MATERIALS
- 10:50 LUNCH**
- 13:30 Mas Tri Djoko Sunarno**, Anang Hari Kristanto, Muhamad Sulhi, Aditya Nugraha
ON-FARM MADE DIET FOR TILAPIA IN THE DISTRICT OF BULELENG, BALI
- 13:50 Mas Tri Djoko Sunarno**, Mikdarullah, Mulyasari, Aditya Nugraha
EVALUATION OF BACTERIA CONSORSIUM ON INCREASING QUALITY OF PLANT FEED INGREDIENTS
- 14:10 Louis Landesman**
LIVE FEED PRODUCTION IN AQUACULTURE
- 14:30 Yuwana Puja**, Agus Hermawan, Amran
APPLICATION OF DIGESTIVE ENZYME ON YOUNG HUMPBACK GROUPER *Cromileptes altivelis* REARING FEED
- 14:50 Muhammad Agus Suprayudi**, Didi Humaidi Yusuf, Dedi Jusadi, Julie Ekasari, M. Zairin Junior
LYSINE SUPPLEMENTATION IN DIETS WITH FERMENTED RUBBER SEED *Hevea brasiliensis* MEAL FOR NILE TILAPIA *Oreochromis niloticus*

DEVELOPMENT, WELFARE AND POVERTY ALLEVIATION

Friday, April 29 08:30 - 17:20 Crystal 5

Chair: Roy Palmer



FRIDAY

- 08:30 Roy Palmer**
AwF UPDATE
- 09:10 Lian E. Heinhuis**
VALUE CHAIN FINANCING
- 09:50 Antonio Garza de Yta**
AwF AND LATIN AMERICA
- 10:30 Renata Melon Barroso**
HOW TILAPIA HAS IMPROVED THE QUALITY OF LIFE OF THOUSANDS OF BRAZILIAN BACKLANDS PEOPLE?
- 10:50 Janine Pierce, Renjith Rengaraju**
AQUACULTURE AS A BETTER LIFE OPTION THAN FISHING IN SOUTHERN INDIA
- 11:10 Nikoleta Ntalamagka**
AQUAPONICS AS “DEUS EX MACHINA” FOR POVERTY ALLEVIATION IN GREECE
- 11:30 LUNCH**
- 13:30 Madhumita Mukherjee, Debojit Chakraborty**
LIVELIHOOD PROSPECTS OF *Bellamyia bengalensis*, ITS PROXIMATE PROTEIN AND AMINO ACID COMPOSITION AND CULTURE IN CAPTIVE CONDITION
- 13:50 Arlyn Mandas**
WOMEN PARTICIPATION IN AQUACULTURE DEVELOPMENT IN THE PHILIPPINES
- 14:10 Syaifullah Cangara, Arie Syahrani**
STRUCTURAL AND CULTURAL CHALLENGES OF WOMEN PARTICIPATION IN SEAWEED PRODUCTION PROCESS IN JENEPONTO REGENCY, SOUTH SULAWESI

- 14:30 Janine Pierce**, Roy Palmer, Geeji Madathil Tharanath
AQUACULTURE WITHOUT FRONTIERS (AwF) AND ORGANIC LIFE (OL):
THE VAKKOM AQUACULTURE PROJECT JOURNEY
- 14:50 Menaga Meenakshisundaram**, Felix Sugantham
AN INNOVATIVE APPROACH TO INCREASE THE WOMEN PARTICIPATION IN
AQUACULTURE IN INDIA
- 15:10 Maymyat Noelwin**, Jennifer Cobcroft, Bibha Kumari, Arlyn Mandas,
Vaishali Joshi, Renata Melon Barroso, Menaga Meenakshisundaram,
Nikoleta Ntalamagka
PANEL DISCUSSION: EXPERIENCES OF WOMEN IN THE AQUACULTURE/
FISHERIES AREA
- 15:30 Vaishali Joshi**
PRESENT STATUS AND FUTURE PROSPECTS OF AQUACULTURE IN INDIA
WITH SPECIAL REFERENCE TO THE STATE OF MAHARASHTRA
- 15:50 Amit Ranjan**, Md. Aman Hassan
ISSUES IN INDIA WITH SPECIAL REFERENCE TO ISSUE OF KATKARIS OF
MAHARASHTRA STATE
- 16:10 Christopher Ongko**
THE OVERVIEW OF INDONESIAN AQUACULTURE PROBLEMS
- 16:30 WRAP-UP SESSION - Dinesh Kaippilly**

OCTOPUS AND CUTTLEFISH

Friday, April 29 10:30 - 16:40 Crystal 2

Chair: Justin King

- 10:30 CANCELLED**
- 10:50 Adva Mori**, Nicole Watts, Justin King, Sagiv Kolkovski
MANAGING BACTERIAL LEVELS IN *Octopus tetricus* PARALARVAE CULTURE
- 11:10 Sagiv Kolkovski**, Nicole Watts, Adva Mori, Justin King
LAND BASED GROWSetiOUT OF *Octopus tetricus* IN INTENSIVE
AQUACULTURE SYSTEMS

GENERAL CONTRIBUTED

Friday, April 29 10:30 - 11:30 Crystal 1

Chair: Gede S. Sumiarsa

- 10:30 Rohana Hidayati**, Masjidin Noor, Ermayani, Yayat Supriat
SELF-AWARENESS DEVELOPMENT ON SUSTAINABLE AQUACULTURE BY MEANS OF CPIB/CBIB CERTIFICATION; THE DYNAMIC AND ITS CHALLENGE
- 10:50 I. Nyoman Radiarta**, Erlania
SITE SELECTION AND CARRYING CAPACITY FOR MARINE FINFISH AND SEAWEEDES AQUACULTURE IN GERUPUK BAY, WEST NUSA TENGGARA, INDONESIA
- 11:10 Irina Timonina**, David Little, Francis Murray, Dimitar Taskov
VALUE CHAIN GOVERNANCE IN INDONESIAN NET CAGE AQUACULTURE SECTOR: THE CASES OF LAKE TOBA AND JATILUHUR RESERVOIR

RECIRCULATING SYSTEMS

Friday, April 29 13:30 - 15:30 Crystal 1

Chair: Anang Hari Kristanto

- 13:30 Rusli Raiba**, Narulitta Ely, Marwa Tantu
APPLICATION OF A DIFFERENT COLOR ON THE MAINTENANCE OF CONTAINERS CLOWN FISH FRY PLATINUM (*Amphiprion percula* var. Platinum) WITH SYSTEM RECIRCULATION
- 13:50 Ady Hardiyanto**, Narulitta Ely, Imam Nurhadi
ENLARGEMENT FISH NEMO *Amphiprion percula* IN INTENSIVE WITH RECIRCULATION SYSTEMS
- 14:10 Hamida Pattah**, Narulitta Ely, Marwa Tantu, Rusli Raiba
USE OF DIFFERENT TYPES OF FEED ON THE MAINTENANCE OF FISH BLACK SEEDS PHOTON (*Amphiprion percula* var. Black photon) WITH SYSTEM RECIRCULATION
- 14:30 Ahmad Nur Ilham**, Ade Harwono, Yahya Sulaeman
THE DIFFERENCE BETWEEN RECIRCULATION TANK SYSTEM AND WATER FLOW SYSTEM FOR BREEDING PARENT STOCK SEABASS *Lates calcalifer* (BLOCH)
- 14:50 Mutmainna**, Akmal, Syamsul Bahri, Andi Elman, Hamzah
THE GROWTH, SURVIVAL OF ABALONE *Haliotis squamata* IN A RECIRCULATION SYSTEM USING A DIFFERENT BIOFILTER

BIOTECHNOLOGY

Friday, April 29 13:30 - 15:30 Crystal 2

Chair: Haryanti

- 13:30 Xu Wang**, Hua Fan, Yingjie Pan, Yong Zhao
COMPARATIVE TRANSCRIPTOME ANALYSIS BETWEEN *Listeria monocytogenes* WaX12 AND DELTA sigB MUTANT REVEALED BY RNA-SEQ
- 13:50 Media Fitri Isma Nugraha**, Jean-Christophe Avarre, Laurent Pouyau, Kadarusman Kadarusman, Jacques Slembrouck, Nicolas Hubert, Renny Kurnia Hadiaty, Sudarto Sudarto, Ran Ogistra, Odang Carman, Utut Widyastuti, M. Zairin Junior
THE IMPLEMENTATION OF NEXT GENERATION SEQUENCING (NGS) IN MICROSATELLITE MOLECULAR MARKER ASSEMBLY FOR NON MODEL AND THREATENED SPECIES *Melanotaenia*
- 14:10 Danang Crysanto**, Adi Pancoro, Gianni Yosephine
THE EFFECT OF GIH-DSRNA ENCAPSULATED IN CHITOSAN-NANOPARTICLES ON THE LEVEL OF GONAD INHIBITING HORMONE (GIH) GENE EXPRESSION IN BLACK TIGER SHRIMP *Penaeus monodon*
- 14:30 Laila Musdalifah**, Ujang Komarudin A.K., Luluk Widiyanti
GROWTH OF SEAWEED COTTONI *Kappaphycus alvarezii* PROPHAGUL AT VARIOUS CULTIVATION DENSITIES

AQUACULTURE ECONOMICS AND MANAGEMENT

Friday, April 29 13:30 - 15:30 Diamond 1

Chair: Agus Heri Purnomo

- 13:30 Agus Heri Purnomo**
STATUS AND FUTURE DIRECTION OF VALUE CHAIN ANALYSIS IN THE INDONESIAN AQUACULTURE
- 13:50 Atikah Nurhayati**, Ayi Yustiati, Titin Herawati
ECONOMIC ANALYSIS OF DOMESTICATION *Oxyeletris marmorata* THROUGH CONTROLLED AQUACULTURE SYSTEM (A CASE STUDY OF CIRATA RESERVOIR OF CIANJUR, WEST JAVA)
- 14:10 Atikah Nurhayati**, Agus Heri Purnomo
THE ADOPTION OF A SOCIO-HUMANIORA BASED FLOATING-NET-CAGE INNOVATION FOR ENVIRONMENTALLY FRIENDLY AQUACULTURE (A CASE STUDY OF CIRATA RESERVOIR OF CIANJUR, WEST JAVA)

- 14:30** **Abidin Nur**, Baharuddin Tardin, Zulkarnaen Mahyuddin
FRESHWATER PRAWN AQUA-BUSINESS IN ACEH
- 14:50** **Arie Syahrani**, S. Pi, M. Si
VALUE ADDED OF TIGER PRAWN LARVAE *Penaeus monodon* DERIVED FROM
CROSS BREEDING BROODSTOCK FROM DIFFERENT LOCATION
- 15:10** **Wahyu Budi Wibowo**, Ma'in, Ena Sutisna, Nurul Tri Jayanti
FINANCIAL ANALYSIS BATANGHARI GIANT GOURAMY *Osphronemus gourmy*
HATCHERY IN THE LOCAL COMMUNITY