

**Oral Presentation Schedule**

**Aquaculture Session**

**January 11, 2021**

## Oral Presentation

January 11, 2021

### Aquatic Animal Nutrition

(Room - LRC 2)

#### Morning Session (10.15-11.30)

Chairman: Assoc. Prof. Dr. Karun Thongprajukaew / Co-Chairman: Dr. Nutt Nuntapong

Presentation No.	Time	Title	Presenter
AQ-Nutrition-O1	10.15-10.30	Palm Oil and Myo-inositol Increase Survival Rate of Seawater Nile Tilapia	Mr. Behnam Foroutan
AQ-Nutrition-O2	10.30-10.45	Effects on Growth Performance and Body Composition of Tilapia ( <i>Oreochromis sp.</i> ) Fed with Fish Waste Product in Practical Diet	Ms. Dg Siti Rahayu Zaihurin
AQ-Nutrition-O3	10.45-11.00	Ontogeny of Digestive System in Spotted Scat ( <i>Scatophagus argus</i> Linnaeus, 1766)	Dr. Laddawan Krongpong
AQ-Nutrition-O4	11.00-11.15	Effects of Fish Oil Replacement by a Combination of Soybean and Palm Oil in Asian seabass ( <i>Lates calcarifer</i> ) Diet on Growth, Fatty Acid Profile, Digestive Enzyme Activity, Immune Parameters and Salinity Challenge	Mr. Md Arefin Rahman
AQ-Nutrition-O5	11.15-11.30	Effects of Crude Anthocyanins from Three Plants on Lipid Contents in White leg shrimp ( <i>Penaeus vannamei</i> )	Mr. Pongsakorn Limlek

Lunch (12.00 - 13.00)

Opening Session: Room - LRC 1 (13.30 - 14.00)

**Afternoon Session (14.40-15.40)****Chairman: Asst. Prof. Dr. Suphada Kiriratnikom / Co-Chairman: Dr. Teeyaporn Keawtawee**

<b>Presentation No.</b>	<b>Time</b>	<b>Title</b>	<b>Presenter</b>
AQ-Nutrition-O6	14.40-14.55	The Possibility of Using Zero Fishmeal Diets and Effect on Growth Performance, Immune Response of Pacific White Shrimp ( <i>Litopenaeus vannamei</i> )	Mr. Kanin Patrachotpakinkul
AQ-Nutrition-O7	14.55-15.10	Effect of <i>Ulva intestinalis</i> Linnaeus to Optimum Dietary Inclusion on Growth Performance and Cooked Shrimp Color of <i>Litopenaeus vannamei</i> Boone, 1931	Ms. Pawinee Kleebthong
AQ-Nutrition-O8	15.10-15.25	Role of Pom-nang Seaweed, <i>Gracilaria</i> spp. on Growth and Survival of Juvenile Mud Crab, <i>Scylla paramamosain</i>	Mr. Wasina Rungruang
AQ-Nutrition-O9	15.25-15.40	Optimal Feeding Frequency for Bigfin Reef Squid ( <i>Sepioteuthis lessoniana</i> )	Ms. Jirapan Satjarak

## Oral Presentation

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### Aquatic Animal Breeding (Training Room)

#### Morning Session (10.15-11.45)

Chairman: Assoc. Prof. Dr. Thumronk Amornsakun / Co-Chairman: Asst. Prof. Dr. Jareeporn Ruangsri

Presentation No.	Time	Title	Presenter
AQ-Breeding-O1	10.15-10.30	Germ Cell Transplantation Techniques in Aquaculture-targeted Marine Fishes	Prof. Dr. Yutaka Takeuchi (On-line)
AQ-Breeding-O2	10.30-10.45	Exploring Various Cryoprotectants for Cryopreservation of Spermatozoa of Tropical Oysters <i>Magallana bilineata</i> (Röding, 1798)	Prof. Dr. Shau Hwai (Aileen) Tan (On-line)
AQ-Breeding-O3	10.45-11.00	Oogenesis, Spermatogenesis and Hatching Rate of Seawater-acclimated Nile Tilapia	Mr. Biboon Withyachumnarnkul
AQ-Breeding-O4	11.00-11.15	Reproductive Biology of <i>Rastrelliger brachysoma</i> of Pattani Bay, the Lower Gulf of Thailand	Ms. Kay Khine Soe
AQ-Breeding-O5	11.15-11.30	Reproductive Features of Sultan Fish, <i>Leptobarbus hoevenii</i> (Bleeker, 1851)	Ms. Sajeenuth Srithongthum
AQ-Breeding-O6	11.30-11.45	Some Biological Aspects of Mature Female Sepat Siam, <i>Trichogaster pectoralis</i> (Regan, 1910) for Breeding	Ms. On-anong Siprasert

Lunch (12.00 - 13.00)

Opening Session: Room - LRC 1 (13.30 - 14.00)

## Oral Presentation

January 11, 2021

### Aquaculture System (Training Room)

Afternoon Session (14.40-15.55)

Chairman: Asst. Prof. Dr. Yutthapong Sangnoi / Co-Chairman: Asst. Prof. Dr. Sompong O-Thong

Presentation No.	Time	Title	Presenter
AQ-Aquaculture System-O1	14.40-14.55	Development of DHS-USB Reactors for Longtooth Grouper Closed Recirculating Aquaculture System	Asst. Prof. Dr. Takahiro Watari ( <b>On-line</b> )
AQ-Aquaculture System-O2	14.55-15.10	The Development of a Prospective Zero-water Exchange System for Aquaria Using the Ozone-DHS-USB System	Dr. Nur Adlin ( <b>On-line</b> )
AQ-Aquaculture System-O3	15.10-15.25	Sustainability of Recirculating Aquaculture Systems – The Aqualis Experience	Dr. Fabio Soller
AQ-Aquaculture System-O4	15.25-15.40	Isolation and Characterization of Heterotrophic Nitrifying Bacteria <i>Alcaligenes faecalis</i> and Efficiency on Shrimp Wastewater Treatment	Ms. Sunipa Chankaew
AQ-Aquaculture System-O5	15.40-15.55	Optimum Stocking Density of Hybrid Catfish ( <i>Pangasianodon gigas</i> x <i>P. hypophthalmus</i> ) in Giant Freshwater Prawn Polyculture	Ms. Nongnaphat Jongkrajjak

## Oral Presentation

January 11, 2021

### Aquatic Animal Health and Disease (Meeting Room)

#### Morning Session (10.15-11.45)

Chairman: Dr. Jumroensri Thawonsuwan / Co-Chairman: Dr. Sunee Wanlem

Presentation No.	Time	Title	Presenter
AQ-Health-O1	10.15-10.30	Image Technology Based Detection of Infected Shrimp in Adverse Environments	Prof. Dr. Thi Thi Zin (On-line)
AQ-Health-O2	10.30-10.45	Isolation of Beneficial Bacteria from Nile Tilapia ( <i>Oreochromis niloticus</i> ) for Their Activity to Inhibit Fish Pathogens	Mr. Kantakan Thepnarong
AQ-Health-O3	10.45-11.00	Test for the Ability to Inhibit Pathogenic Bacteria, <i>Vibrio parahaemolyticus</i> , by Using Algae and Photosynthetic Bacteria	Ms. Wannisa Saengkaew
AQ-Health-O4	11.00-11.15	Types of Cells in the Hepatopancreas of the Pacific Whiteleg Shrimp <i>Litopenaeus vannamei</i> Being Infected by <i>Enterocytozoon hepatopenaei</i>	Ms. Niroyhannah Nima
AQ-Health-O5	11.15-11.30	Isolation and Screening of Lactic Acid Bacteria (LAB) for Antagonizing <i>Vibrio parahaemolyticus</i> (AHPND strains) in White Shrimp ( <i>Litopenaeus vannamei</i> )	Mr. Apisit Kimtun
AQ-Health-O6	11.30-11.45	The Use of <i>Zooshikella</i> sp. as a Probiotic Against Vibriosis in Asian seabass ( <i>Lates calcarifer</i> )	Ms. Sumesa Puangpee

Lunch (12.00 - 13.00)

Opening Session: Room - LRC 1 (13.30 - 14.00)

## Oral Presentation

January 11, 2021

Aquaculture-Eco-Management (Meeting Room)			
Afternoon Session (14.40-15.55)			
Chairman: Prof. Dr. Boonsirm Withayachamnarnkul / Co-Chairman: Mr. Arnon Uppabullung			
Presentation No.	Time	Title	Presenter
AQ-Eco-Management-O1	14.40-14.55	Composition of Nutrients in the Sediment in Relation to the Abundance and Size of Blood cockle ( <i>Tegillarca granosa</i> ) at Kuala Juru, Penang, Malaysia	Ms. Nuramira Syahira Saffian <b>(On-line)</b>
AQ-Eco-Management-O2	14.55-15.10	Species Diversity and Seasonal Variation of Coastal Crab in Pattani bay of Southern Thailand	Dr. Sarawuth Chesoh
AQ-Eco-Management-O3	15.10-15.25	GIS Application for Green Mussel ( <i>Perna viridis</i> ) Pole Culture for Natural Production Enhancement in Pattani Bay, Thailand	Dr. Supat Khongpuang
AQ-Eco-Management-O4	15.25-15.40	Diversity of Caddisflies (Trichoptera) Species and Their Importance to Sustainable Aquaculture Production in Surat Thani Province, Southern Thailand	Mr. Solomon Valdon
AQ-Eco-Management-O5	15.40-15.55	Pollution Assessment Through Macrobenthic Fauna Communities as Bio-Indicator in Human Activities Area at Koh Yo, Songkhla Lagoon	Mr. Thanaphan Jombodin