The 2nd Aquatic Science Conference - Securing Sustainable Aqua-Food Systems & Resources

Aquatic Science and Innovative Management Division
Prince of Songkla University, Hat Yai, Songkhla, Thailand

16 August 2024

08:30-09:00	**Registration**
09:00 – 9:10	**Welcome & Opening Remark** **Assoc. Prof. Dr. Chaiyawan Wattanachant** Dean, Faculty of Natural Resources, PSU
9:10 – 10:30	*Keynote speakers*
9:10 - 9:30	***Dr. Putth Songsangjinda*** **Department of Fisheries, Thailand** *"Aquaculture Technologies and Innovations for Securing Sustainable Aqua-Production"*
9:30 – 9:50	***Mr. Masaharu Mizukami****, Toshiaki Fujikawa, Taishi Sano, Ruri Furukawa, Yohei Mukaigawa, Tohru Mekata, Masato Aritaki, Kengo Ohta, Toshiaki Itami, Shin-Ichi Kitamura, Tadashi Isshiki* ***Fukuyama University, Japan*** *"Prevention of Scuticociliatosis in Cultured Japanese Whiting (Sillago japonica)"*
9:50 – 10.10	***Asst. Prof. Dr. Teeyaporn Keawtawee*** ***Aquatic Science and Innovative Management Division, Faculty of Natural Resources, Prince of Songkla University, Thailand*** *"Seaweed Culture for Sustainable Well-Being of Local Fishery Community"*
10:10 – 10:30	***Dr. Rutchanee Chotikachinda*** ***dsm-firmenich*** *"Intelligent Raw Materials Selection for Feed Formulation"*
10:30 – 10.45	**Coffee break**
10.45 – 16:30	**Scientific presentation**
10:45 – 11:00	**Paper 1 – Overseas (India, Assoc. Prof. Dr. Raja Sudhakaran)** **"***Understanding of Enterocytozoon hepatopenaei of Penaeid Shrimp***"**
11:00-11.15	**Paper 2 – Thai (Dr. Kittichon U-Taynapun)** *"Immunostimulant Enhancing Immune Responses of Siamese Fighting Fish against Aeromonas hydrophila"*
11:15-11:30	**Paper 3 – Overseas (Japan, Assoc. Prof. Dr. Tohru Mekata)** *"Humoral Defence Molecules Involved in the Quasi-Immune Response in Shrimp"*
11:30-11:45	**Paper 4 - Overseas (Japan, Prof. Dr. Thi Thi Zin)** *"IoT for aquaculture"*
11:45-12:00	**Paper 5 – Overseas (India, Assoc. Prof. Dr. Prabjeet Singh)** *"Best Management Practices in Shrimp Farming…A way forward towards sustainability"*
12:00 – 13:30	**Lunch**
13.30 – 13.45	**Paper 6 - Overseas (India-Ms. Vernita Priya)** *"Analysis of Different DNA Extraction Methods for the Convenient and Succinct Isolation of WSSV DNA"*

13.45 – 14.00	**Paper 7 – Overseas** (**Japan- Mr. Naritoyo Ishibashi**) *"Novel Poxvirus Infection in Hatchery-Reared Red seabream Pagrus major"*
14.00 – 14.15	**Paper 8 Thai (Mr. Rachow Kaowchomnan)** *"Antibacterial Activities of Marine Streptomyces (SK3 strain) Against Pathogenic Vibrio spp."*
14.15 – 14.30	**Paper 9 - Thai (Ms. Bullika Hlongahlee)** *"Effect of Soybean Meal and Enzyme Supplementation in Diets on Growth Performance, Digestibility and Histology of Pacific White Shrimp (Litopenaeus vannamei)"*
14.30 – 14.45	**Paper 10 Thai (Miss Sudarat Chantakam)** *"Para-Rubber Seed Kernel Fermentation Using Aspergillus oryzae and Saccharomyces cerevisiae: Targeting for Aquafeed"*
14.45 – 15.00	**Paper 11 Thai (Mr. Natthawut Chanlek)** *"The Suitable Size of Moist Diet for Juvenile Bigfin Reef Squid (Sepioteuthis lessoniana)"*
15.00 – 15:30	**Coffee break**
15.30 – 15.45	**Paper 12 - Overseas (India-Ms. Amrutha Vellore Mohan Kumar)** *"Assessment of Microplastic Contamination in Commercially Available Fishes"*
15.45 – 16.00	**Paper 13 Thai (Ms. Phatcharee Roekngandee)** *"Eutrophication as Marine Pollution on the Songkhla Coast: An Investigation of Phytoplankton Dynamics and Water Quality"*
16.00-16.30	**Poster Session**
	Poster 1 Thai (Asst. Prof. Dr. Yutthapong Sangnoi) *"Microbial Community During Shrimp Culture in Commercial Bacterial Seedling Pond and Heterotrophic Nitrifying Seedling Pond"*
	Poster 2 Thai (Ms. Panisa Duanghwang) *"The Impact of Seagrass Degradation on Macrobenthic Fauna in Seagrass Bed at Ao Kham, Trang Province"*
	Poster 3 Overseas (Singapore, Dr. Md. Arefin Rahman) *"Black Soldier Fly Larvae Meal as an Alternative Protein Source in Aquatic Animal"*
	Poster 4 Thai (Mr. Watcharit Tanpairoj) *"Swimming Behaviour and Enzyme Development in Spotted Scat larvae (Scatophagus argus)"*
16.30-16.45	**Closing Ceremony**