

4th Online International Conference on Aquaculture and Fisheries

Day 1 - March 28, 2022

BRITISH SUMMER TIME (BST) - STARTS FROM 10:00 AM

10:00 - 10:15 Opening Ceremony and Introduction

Poster Presentations

10:15 - 10:30 Synergistic changes to taste components of scallops depend on the heating method
Hiroko Seki, Tokyo University of Technology, Japan

10:30 - 10:45 Genetic variability and population structure of *Apostichopus japonicus* Selenka, 1867 revealed by microsatellites
Viktoriia D Yagodina, A V Zhirmunsky National Scientific Center of Marine Biology FEB RAS, Russian Federation

Oral Presentations

10:45 - 11:05 A study of the Australian irrigators' attitudes towards the modern, self-cleaning irrigation pump screens
Tahmid Nayeem, Charles Sturt University, Australia

11:05 - 11:25 Ornamental fish farming and off-farm employment spatial distribution in Perak, Malaysia
Eleanor Daniella Lokman, Ministry of Agriculture and Food Industry Malaysia, Malaysia

11:25 - 11:45 Techniques for the monitoring of ecosystem characteristics of a wetland pond
Wen-Miin Tian, National Sun Yet-sen University, Taiwan

11:45 - 12:05 Effect of β -Glucan and probiotics on the survival rate, resistance of Tilapia (*O. niloticus*) to *Streptococcus agalactiae*
Kim Van Van, Vietnam National University of Agriculture, Vietnam

12:05 - 12:25 Salmon and sea trout restocking in Latvia
Ilze Rutkovska, Latvia University of Life Sciences and Technologies, Latvia

Break: 12:25 - 13:00

Poster Presentations

13:00 - 13:15 Protective effect of medicinal plants and *Bacillus licheniformis* BCR 4-3 on white shrimp (*Penaeus vannamei*) challenged with *Vibrio parahaemolyticus* IPNGS16
Antonio Luna González, Instituto Politécnico Nacional. Centro Interdisciplinario de Investigación para el Desarrollo Integral Regional (Sinaloa)., Mexico

13:15 - 13:30 Morphological study of otoliths of the gonochoric species *Pseudotolithus elongatus* (Bowdich, 1825), demersal, sampled in the Komo estuary in Gabon
Moussavou Mbadinga Kecia Carmen, Tunis El Manar University, Tunisia

13:30 - 13:45 Results of the through cultivation of Japanese Scallop (*Chlamys nipponensi*) in Peter the Great Bay in the Sea of Japan
Gabaev Delik Dokkovich, Russian Academy of Sciences, Russia

13:45 - 14:00 Low temperature storage of bivalve larvae - A new management tool for shellfish hatcheries
Gregg Rivara, Cornell University Cooperative Extension, USA

4th Online International Conference on **Aquaculture and Fisheries**

Keynote Presentation

14:00 - 14:30 Single cell protein for aquaculture – Scalable and sustainable feed
Maximilian Lackner, Circe Biotechnologie GmbH, Austria

End of Day 1 Sessions and Closing Ceremony

Day 02 - March 29, 2022

BRITISH SUMMER TIME (BST) - STARTS FROM 10:00 AM

Oral Presentations

10:00 - 10:20 A hydroelastic solution of the interaction between waves and multi-net cage system
Mingyuan Ma, Griffith University, Australia

10:20 - 10:40 Marine debris in seaweed farming sites in Kupang Bay, East Nusa Tenggara Province-Indonesia
Wilson L Tisera, Artha Wacana Christian University, Indonesia

10:40 - 11:00 Effect of nritie fungal probiotic (*Saccharomyces cerevisiae*) on the hematological factors of *Labeo rohita*
Amit Sharma, Bareilly College, India

11:00 - 11:20 Protective efficacy of dietary natural antioxidants on microplastic particle-induced histopathological lesions in African catfish (*Clarias gariepinus*)
Alaa El-Din H Sayed, Assiut University, Egypt

11:20 - 11:40 Changes in growth, survival and gonadal development of Rainbow Trout (*Oncorhynchus mykiss*, Walbaum) due to addition of *Spirulina platensis* as feed additive
Farooz Ahmad Bhat, Sher-e-Kashmir University of Agricultural Sciences and Technology of Kashmir Srinagar, India

11:40 - 12:00 Tilapia Lake Virus (TiLV) in Southern Mozambique - Myth or truth?
Rafael Rafael, Aquaculture Research Center (CEPAQ), cruzamento de Chilembene, Mozambique

12:00 - 12:20 Optimization of dietary pyridoxine improved growth performance, hematological indices, antioxidant capacity, intestinal enzyme activity, non-specific immune response and liver pyridoxine concentration of fingerling major carp *Catla catla* (Hamilton)
Younis Mohd Khan, Aligarh Muslim University, India

12:20 - 12:40 Application of machine learning and image analysis in morphological classification of gilthead seabream (*Sparus aurata*, L. 1758) in wild and aquaculture pressured environments
Igor Talijančić, Institute of Oceanography and Fisheries, Croatia

End of Day 2 Sessions, Closing Ceremony and Certificate Felicitation