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709<sup>th</sup> Conference

*Scientific Program*

3<sup>rd</sup> International Conference on

# AQUACULTURE & FISHERIES

September 29-October 01, 2016 London, UK



## Hosting Organizations

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# Scientific Program

Day 1 September 29, 2016

09:00-09:30 Registrations

Meeting Room 10

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09:30-10:00

## Opening Ceremony

### Keynote Forum

#### Introduction

- 10:00-10:25 **Title: EU aquaculture related to world situation**  
Bernhard Feneis, Federation of European Aquaculture Producers, Germany
- 10:25-10:50 **Title: Zebra fish : A biological model organism**  
Heiko Bleher, Aquapress Publishers, Italy

Network and Refreshments Break 10:50-11:05 @ Concorde Foyer  
Group Photo

#### Workshop on

- 11:05-11:45 **Title: Aquaculture Finance & Derivatives**  
Christian Oliver Ewald, University of Glasgow, UK

#### Session 1

**Aquatic Farming Methods: Hatchery, Nutrition and Feed Management**  
**Fish Habitat, Ecology and Conservation**  
**Comparative Biology of Aquatic Species**  
**Aquaculture Related Diseases and Health Management**  
**Aquaponics- Planning, Construction and Maintainance**

Session Chair: Helmut Wedekind, Institute for Fisheries of the Bavarian States Research Center, Germany  
Session Co-Chair: Bernhard Feneis, Federation of European Aquaculture Producers, Germany

#### Session Introduction

- 11:45-12:05 **Title: Recirculating aquaculture – Status and developments**  
Helmut Wedekind, Institute for Fisheries of the Bavarian States Research Center, Germany
- 12:05-12:25 **Title: Fish diseases and treatment in the light of EU Law**  
Bernhard Feneis, German Aquaculture Association, Germany
- 12:25-12:45 **Title: Effects of dietary propolis and Vitamin E on growth performance and antioxidant status in juvenile rainbow trout *Oncorhynchus mykiss* under different flow rate**  
Guluzar Tuna Kelestemur, Firat University, Turkey
- 12:45-13:05 **Title: The potential of crude palm oil as a dietary lipid source in the practical diets of hybrid grouper *Epinephelus fuscoguttatus* x *Epinephelus lanceolatus***  
Rossita Shapawi, Universiti Malaysia Sabah, Malaysia

Lunch Break 13:05-13:50 @ Aromi Restaurant

- 13:50-14:10 **Title: Evaluation of essential oils as a glazing material for frozen rainbow trout (*Oncorhynchus mykiss*) fillet**  
Ozlem Emir Coban, Firat University, Turkey
- 14:10-14:30 **Title: The struggle to convince traditional fishermen to become aquaculturists in Southeast Brazil**  
Luiz Fernando Loureiro Fernandes, Universidade Federal do Espírito Santo, Brazil
- 14:30-14:50 **Title: Culture-based fisheries based on biomanipulation bring about better economic benefits and biodiversity recovery in lakes of China**  
Jiashou Liu, Chinese Academy of Sciences, China
- 14:50-15:10 **Title: Physiological and immune responses of Atlantic salmon after high stocking density stress in RAS**  
Jun Li, Chinese Academy of Sciences, China
- 15:10-15:30 **Title: Aquaculture in China: Achievements, challenges and perspectives**  
Zhongjie Li, Chinese Academy of Sciences, China
- 15:30-15:50 **Title: Disease hazards of petroleum hydrocarbons contamination in *Gafarrum pectinatum* (LINNAEUS, 1758) from Egyptian lake Tamsah**  
Iman Abumourad, National Research Centre, Egypt
- 15:50-16:10 **Title: The existence of kisspeptin-like peptides and effects on ovarian development and maturation in the giant freshwater prawn, *Macrobrachium rosenbergii***  
Tipsuda Thongbuakaew, Mahidol University, Thailand

Network and Refreshments Break 16:10-16:25 @ Concorde Foyer

- 16:25:16:45 **Title: Research and application of aquatic animal eco-nutrition based on industrialized culture**  
Yong Li, Chinese Academy of Sciences, China
- 16:45:17:05 **Title: The effect of preservatives on the keeping quality of spiced dried tuna sticks (*Katsuwonus pelamis*)**  
Wilma Q Chua, Cagayan State University, Philippines
- 17:05:17:25 **Title: Research and application of aquatic animal eco-nutrition based on industrialized culture**  
Xian Li, Chinese Academy of Sciences, China
- 17:25:17:45 **Title: An assessment of the current status and future potential of the fresh water and marine aquaculture of Barramundi (*Lates calcarifer*) industries in Cairns region 2015**  
Mossamat Rashida Akter, James Cook University, Australia

**Day 2                      September 30, 2016**  
**Meeting Room 10**

**Workshop**

- 10:00-10:40 **Title: Animal Welfare in Aquaculture**  
Helmut Wedekind, Bavarian States Research Center for Agriculture, Germany

**Session 2**

**RAS- Recirculating Aquaculture Systems**  
**Aquatic Biology- Immunology, Physiology, Toxicology**  
**Diversification in Aquaculture**  
**Aquaculture Environment Interactions- Measuring, Modelling and Mitigation**  
**Aquaculture Law and Policy**

- Session Chair: Paul B Brown**, Purdue University, USA  
**Session Co-Chair: Junda Lin**, Florida Institute of Technology, USA

**Session Introduction**

- 10:40-11:00 **Title: Length weight relationships and condition factor of snapper (*Lutjanus russelli*), pony fish pepetek (*Leiognathus fasciatus*) and white-spotted spinefoot (*Siganus canaliculatus*) harvested from Ulelhee Bay, Banda Aceh City, Indonesia**  
Zainal Abidin Muchlisin, Syiah Kuala University, Indonesia

**Network and Refreshments Break 11:00-11:15 @ Concorde Foyer**

- 11:15-11:35 **Title: SCUBA diving and diversity of edible bivalve and gastropod molluscs from Raigad, Ratnagiri, Maharashtra, west coast of India**  
Sunil Narayan Khade, Phulsing Naik College, India
- 11:35-11:55 **Title: Preliminary Study: Effect of feeding frequency on growth, feed conversion ratio and specific growth rate of red Tilapia, *Oreochromis Sp***  
Esther Michelle Gunben, Polytechnic of Sandakan, Malaysia
- 11:55-12:15 **Title: Documentation and inventory of aramang stocks *N. tenuipes* in northern Cagayan, Philippines**  
Lenimfa P Molina, Cagayan State University, Philippines
- 12:15-12:35 **Title: Replacement of fish meal with poultry by-product meal in the formulated feeds for a commonly cultured grouper in Malaysia**  
Esther Michelle Gunben, Polytechnic of Sandakan, Malaysia
- 12:35-12:55 **Title: Iran shrimp industry strategic planning, Vision 2025**  
Khosrow Aein Jamshid, Iranian Fisheries Science Research Institute, Iran
- 12:55-13:15 **Title: Comparison of omega3 fatty acids amount in male and female of *Otolithesruber* in Abadan and Khorramshahrs coated water**  
Mojgan Khodadadi, Islamic Azad University, Iran

**Lunch Break 13:15 - 14:00 @ Aromi Restaurant**

- 14:00-14:20 **Title: "AVISHIT", A new herbal drug for substitution of Malachite green**  
Sharif Rohani M, Iranian Fisheries Science Research Institute, Iran
- 14:20-14:40 **Title: Water quality and sediment conditions in white shrimp *Litopenaeus vannamei* (boone) pond during the cultivation period in Iran**  
Kiuomars Rohani Ghadikolaei, Ecological Research Institute, Iran
- 14:40-15:00 **Title: Post-escape movements and habitat use of farmed sea bream *Sparusaurata* in the eastern Adriatic Sea**  
Tanja Šegvić-Bubić, Institute of Oceanography and Fisheries, Croatia
- 15:00-15:20 **Title: Evaluation of health status on complete replacement of animal protein with plant protein (33 % replacing fish trash) of *L. leucocephala* pod seed**  
Vipin Kumar Verma, University of Delhi, India

**Poster Presentations: 15:30-16:15 @ Concorde Foyer**

**Young Researchers Forum**

- Session Chair: Chair: Ying Liu**, Chinese Academy of Sciences, China  
**Session Co-Chair: Shi Yen Shiau**, National Taiwan Ocean University, Taiwan

**Session Introduction**

- 15:20-15:35 **Title: Combined interaction of size phenotype of donor and recipient pearl oyster and gene expression on final pearl growth in *Pinctada margaritifera***  
Carole Blay, Ifremer, France
- 15:35-15:50 **Title: Stress and fish welfare - non-invasive measurement of Cortisol in fish holding water**  
Kay Lubke, Bavarian States Research Center for Agriculture, Germany
- 15:50-16:05 **Title: Effect of starvation on hepatopancreas of whiteleg shrimp (*Penaeus vannamei*) using computer-assisted image analysis on paraffin and frozen sections**  
Fabio Cervellione, Skretting Aquaculture Research Centre, Norway

**Network and Refreshments Break 16:05-16:20 @ Concorde Foyer**

- 16:20-16:35 **Title: Development and application of a real-time PCR assay for the detection of *Aeromonas salmonicida***  
Yishuai Du, Chinese Academy of Sciences, China
- 16:35-16:50 **Title: Do aquatic insect change over time and space? A study from different lentic ecosystems of Cachar district, Assam, India**  
Arpita Dalal, Assam University, India
- 16:50-17:05 **Title: Pre-treatment of phytochemical (Tribulus extract) alleviates intra-follicular oxidative stress and ameliorates oocyte maturation in catfish**  
Mahammed Moniruzzaman, University of Calcutta, India
- 17:05-17:20 **Title: Parasite-host interactions at elevated temperatures- Getting into hot water: Sick guppies frequent warmer thermal conditions**  
Ryan S. Mohammed, The University of the West Indies, Trinidad and Tobago
- 17:20-17:35 **Title: Population genetic structure of *Scomberomorus commerson* from Persian Gulf, Oman Sea and Arabian Sea and *Thunnus tonggol* from Oman Sea using sequence analysis of the mitochondrial DNA D-loop region**  
Ana Mansourkiaei, Islamic Azad University, Iran
- 17:35-17:50 **Title: Culture of *Spirulina platensis* in different source of nitrogen for optimizing of protein content**  
Mohammad Gorgij Jaski, Bandar Abbass Azad University, Iran

**Poster Presentations: 15:30-16:15**

- AQF 001 **Title: Protein requirement in the granulated microdiet for larval rockfish (*Sebastes schlegeli*)**  
Hee Sung Kim, Korea Maritime and Ocean University, Korea
- AQF 002 **Title: Lipid requirement in the granulated microdiet for larval rockfish (*Sebastes schlegeli*)**  
Hee Sung Kim, Korea Maritime and Ocean University, Korea
- AQF 003 **Title: Genetic and morphological characteristics of wild populations and captive stocks of the noble crayfish (*Astacus astacus L.*) in Estonia"**  
Katrín Kaldre, Estonian University of Life Sciences, Estonia
- AQF 004 **Title: To induce brood stock of *Heterobranchus longifilis* using a synthetic hormone**  
Romanus Keke, Imo State University, Nigeria
- AQF 005 **Title: Application of breeding methods to production genetically improved farmed Nile tilapia, *Oreochromis niloticus***  
Fawzia S, National institute of Oceanography and Fisheries (NIOF), Kasr El Aini, Egypt
- AQF 006 **Title: Evaluation of immunological genes at gill of *Ictalurus punctatus* immunized with live theronts of *Ichthyophthirius multifiliis***  
Gabriel S. A. Moreira, University of Sao Paulo, Brazil
- AQF 007 **Title: Exogenous proteinases recovered from fishery waste as feed supplement for Nile tilapia (*Oreochromis niloticus*)**  
Yamila Eliana Rodriguez, Universidad Nacional de Mar del Plata, Argentina
- AQF 008 **Title: Application of new medicinal plant as prophylactic treatment for epizootic ulceration syndrome**  
Laila Elarraj, INRH, Morocco

**Day 3                      October 01, 2016**

**Extended Networking and Lunch 12:00-13:30 @ Concorde Foyer**

**Bookmark your dates**

7<sup>th</sup> International Conference on

# Aquaculture & Fisheries

August 07-09, 2017 Rome, Italy

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