



Middle East Aquaculture 2016

SUNDAY, March 13

OPENING CEREMONY

10:30 Abu Dhabi B

PLENARY 1

10:50 Abu Dhabi B

H.E. Eng. Mariam Mohammed Saeed Hareb
AQUACULTURE IN THE UAE

REGIONAL AQUACULTURE PRODUCTION SYSTEMS OPPORTUNITIES

Sunday, March 13 11:20 - 13:00 Abu Dhabi B

Chair: David Currie

11:20 Davide Di Crescenzo

AQUAPONICS: RAISING FISH AND CULTIVATING VEGETABLES TOGETHER WITH AN EFFICIENT USE OF LIMITED RESOURCES

12:00 Valerio Crespi, Sherif Sadek

SUSTAINABLE DESERT AQUACULTURE DEVELOPMENT THROUGH THE SMART USE OF WATER: SUCCESS STORIES

12:40 Edoardo Pantanella, David Currie, Alessandro Lovatelli

POTENTIALITIES FOR SUSTAINABLE AND INTEGRATED RECIRCULATING AQUACULTURE SYSTEMS (RAS) IN THE EMIRATES

13:00 LUNCH

BREEDING AND HATCHERY

Sunday, March 13 14:30 - 15:50 Abu Dhabi B

Chair: Patrick Sorgeloos

14:30 Mohammad Tabish

SHEIKH KHALIFA MARINE RESEARCH CENTER – A NEW IMPERATIVE FOR HATCHERY CAPACITY BUILDING AND AQUACULTURE DEVELOPMENT IN THE UNITED ARAB EMIRATES THROUGH PUBLIC-PRIVATE PARTNERSHIPS

15:10 Tina Rogge, Jan Anné, Luc Roef, Jorien Fret, Mark Michiels

MICROALGAE FROM THE PROVIAPT CLOSED PHOTOBIOREACTOR SYSTEM FOR AQUACULTURE

15:30 Abdolmohammad Abedian Kenari, Seyedeh Sedigheh BabaeiCHANGES OF PROTEOLYTIC ENZYMES ACTIVITY IN PERSION STURGEON *Acipenser persicus* DURING LARVAL DEVELOPMENT**15:50 COFFEE BREAK****SHRIMP**

Sunday, March 13 16:10 - 17:50 Abu Dhabi B

Chair: Farshad Shishehchian

16:10 Farshad Shishehchian

ADVANCE SHRIMP FARMING: EMPHASIS ON INTENSIFICATION

16:50 Eduardo Pantanella

BIOFLOC AND RAS TECHNOLOGY APPLIED TO SHRIMP PRODUCTION

17:10 Tina Rogge, Jan Anné, Jeroen Baeyens

A NOVEL FEED ADDITIVE (PPROVIFEEDTMNOSPOT) WITH POTENTIAL FOR CONTROLLING WHITE SPOT SYNDROME VIRUS (WSSV) OUTBREAKS

17:30 Sambhu Chithambaran, Abdulmohsen Sofyani, Mohammad Broom, Nasser K AyarilCULTURE STRATEGY OF PACIFIC WHITE SHRIMP *Litopenaeus vannamei* IN HDPE LINED PONDS**17:50 Abdolmohammad Abedian Kenari, Saeid Voshtani**COMBINATION EFFECTS OF PROBIOTIC PROTExIN AND MANNAN OLIGOSACCHARIDE AS DIETARY SUPPLEMENTS ON GROWTH AND INTESTINAL LACTIC ACID BACTERIA OF WHITE LEG SHRIMP *Litopenaeus vannamei*

MONDAY, March 14

AQUACULTURE DEVELOPMENT

Monday, March 14 10:00 - 11:10 Abu Dhabi B
Chair: Türker Bodur

- 10:00 Türker Bodur**
A REVIEW ON CURRENT STATUS OF AQUACULTURE IN TURKEY
- 10:30 Glenn R. Shiell**, John Eyres, Steve Nel
BUILDING A FRAMEWORK FOR SUSTAINABLE AQUACULTURE DEVELOPMENT:
A GOVERNMENT INITIATIVE TO RAPIDLY EXPAND AQUACULTURE IN WESTERN
AUSTRALIA
- 10:50 Armaya'u Hamisu Bichi**, Hassan Isiak Ibrahim, Akeem Babatunde Dauda
ASSESSMENT OF FISH PRODUCTION, CULTURE FACILITIES, OPERATIONS, WATER
RESOURCES MANAGEMENT AND PROFITABILITY OF FISH FARMING IN KATSINA STATE,
NIGERIA
- 11:10 COFFEE BREAK**

PLENARY 2

11:15 Abu Dhabi B

Eyesha Al Blooshi
AQUACULTURE IN ABU DHABI

PRODUCTION SYSTEMS

Monday, March 14 11:45 - 13:05 Abu Dhabi B
Chair: Haydar H. Al Sahtout

- 11:45 Haydar H. AL Sahtout**
MODERN AQUACULTURE; THE GATEWAY TO THE BIO-MARINE ECONOMY ERA IN THE
MIDDLE EAST
- 12:05 Ibrahim Belal**, Jean-Yves Mevel, Radhakrishnan Subramanian
AQUAPONIC PRODUCTION SYSTEM OF LETTUCE *Lactuca sativa* AND NILE TILAPIA
Oreochromis niloticus ARID LAND AREA AT A COMMERCIAL LEVEL
- 12:25 Mohamed Megahed**
PROTOTYPES OF NON-TRADITIONAL INTENSIVE MARINE AQUACULTURE FOR COMMON
SOLE *Solea solea* AND SHRIMP
- 12:45 Alejandro Rios G.**, Nahla Mezhoud
SEAWATER ENERGY AND AGRICULTURE SYSTEM

INDUSTRY SESSIONS

Monday, March 14 11:45 - 12:45 Abu Dhabi A
Chair Farshad Shishehchian

11:45 Ray Clancy, Marco Cremona
PROVIDING LONG TERM PROTECTION FOR VALUABLE LIVE-STOCK USING “KIKKONET”
IN FLOATING CAGE SYSTEMS

12:05 Jens Toftdahl
USE OF WATER-BASED ANTIFOULING IN NET CAGES TO ENSURE GOOD WATER FLOW
AND OXYGEN

12:25 Jacob Bregnballe
INVESTING IN AQUACULTURE CALLS FOR PROFESSIONAL PROJECT APPROACH

13:05 LUNCH

Round Table discussion

Panel:

Nutrition – Patrick Sorgeloos

Aquaculture Development – Turker Bodur

Shrimp – Farshad Shishehchian

Desert Aquaculture – Sherif Sadek

Production Systems & aquaponics – David Currie, Daniel Stechey

PLENARY 3

14:30 Abu Dhabi B

Patrick Sorgeloos

CAN AQUACULTURE BECOME THE NEW BLUE BIOTECHNOLOGY OF THE FUTURE?

NUTRITION

Monday, March 14 14:50 - 16:10 Abu Dhabi B

Chair: Patrick Sorgeloos

- 14:50 Murat Arslan**, Hilal Bayir
OMEGA-3 CONTENT OF RAINBOW TROUT FILLET: HOW MUCH SHOULD WE CONSUME FOR ENOUGH EPA AND DHA?
- 15:10 Muhammad Ashraf**, Sajid Ali
EFFECT OF *Linum usitatissimum* AND *Sesamum indicum* EXTRACT AS GROWTH PROMOTORS IN DIETS OF FINGERLINGS OF GRASS CARP *Ctenopharyngodon idella*
- 15:30 Adel Khams Solman**, Belal W. Mohamed, Asmaa T. Mohamed
PROTEIN REQUIREMENTS OF STRIPED CATFISH *Pangasius hypophthalmus*
- 15:50 Hossein Khara**, Soheil Lameei, Mohammad Sayad Boorani
EFFECTS OF DIFFERENT LEVELS OF FOLIC ACID AND VITAMIN B2 (RIBOFLAVIN) ON GROWTH, HEMATOLOGICAL AND IMMUNOLOGICAL PARAMETERS OF RAINBOW TROUT FINGERLING *Oncorhynchus mykiss*
- 16:10 COFFEE BREAK**

CANADIAN SESSION

Monday, March 14 16:10 - 18:30 Abu Dhabi B

Chair: Daniel Stechey

- 16:30 Debbie Plouffe**
THE CENTER FOR AQUACULTURE TECHNOLOGIES: CATALYZING THE BLUE REVOLUTION
- 16:50 Arvind Venkataraman**, Evan Bell
INTRINSIC TOOLS FOR DIRECT ECONOMIC VALUE THROUGH ECOSYSTEM ENGINEERING IN AQUAPONICS
- 17:10 Robert Roulston**
ALGAE PHOTOBIOREACTORS IN THE MIDDLE EAST
- 17:30 Dominique Bureau**
AQKIMAS: A DATA COMPILATION, INTEGRATION AND ANALYSIS PLATFORM FOR AQUACULTURE NUTRITION RESEARCH
- 17:50 GJ Johnson**
ATLANTIC HALIBUT FARMING: AN EMERGING ALTERNATIVE
- 18:10 Daniel Stechey**, Greg Beckman, W.D. (Bill) Robertson
CONVERSION OF A COMMERCIAL GREENHOUSE INTO AN AQUAPONICS FACILITY AND THE ECONOMICS OF SMALL-SCALE (50-200 TONNES) RAS

NOTES

NOTES

NOTES