

HATCHERY TECHNOLOGY  
& LARVAE CULTURE  
BREEDING PROGRAMS  
& GENETICS

BIT's 7<sup>th</sup> Annual World Congress of

# AQUACULTURE *and* FISHERIES

PRODUCTION  
SYSTEMS  
& HARVEST  
TECHNOLOGIES

2018  
October 29-31

*New Era of Aquaculture Science & Technology*

AQUAFEED & NUTRITION  
IMMUNOLOGY & VACCINES  
BIOSECURITY



China Fisheries  
Association



BIT Group Global  
Ltd.

# Aims & Objectives

The theme of 7<sup>th</sup> Annual World Congress of Aquaculture and Fisheries-2018 is "New Era of Aquaculture Science & Technology". The objective of this Congress is to bring together experts, academicians, senior scientists, industry executives and project leaders involved in aquaculture and fishery to share, network and develop advanced technology. The Conference will feature a wide range of topics relevant to diverse perspectives such as Sustainable Aquaculture & Fisheries; Reproduction and Genetic; Nutrition, Disease & Health Management; Production Systems; Seaweeds and Algae; Economics/Marketing, and Seafood etc. These presentations will identify or offer solutions to problems, utilize case studies, identify knowledge gaps or collaboration opportunities, and discuss broader applications and implications of material presented.

Dear Friends and Colleagues,

Welcome to BIT's 7th Annual International Congress of Aquaculture and Fisheries (WCAF-2018). We are honored to announce that the most influential aquaculture event in Asia will be held during October 29-31, 2018 in Weihai, China. With the theme "New Era of Aquaculture Science & Technology", the congress will provide an opportunity to bring together professional representatives all over the world.

Aquaculture and Fisheries is a multidisciplinary science, we expected to get together with tentative topics for keynote forum, focus on the fields of Immunology & Vaccines; Disease Prevention, Treatment and Management; Genetics and Breeding; Nutrition & Feeding; Aquatic Animal Farming; Production Systems; Biotechnology & Aquatic Environment Management; Seafood and Algae etc.

Finally, we hope that you could show your enthusiasm and make contributions to this event and enjoy your stay in Weihai.

Sincerely yours,



**Dr. Xiaodan Mei, Ph.D.**

Executive Chair of WCAF-2018  
President of BIT Group Global Ltd.

# Welcome Message



**Stream 1: Aquaculture Reproduction & Breeding**

Track 1-1: Breeding Programs and Genetics

Track 1-2: Reproduction and Broodstock Management

**Stream 2: Aquatic Animal Nutrition, Disease & Health Management**

Track 2-1: Sustainable Aquafeed and Nutrition

Track 2-2: Aquatic Animal Immunology, Diseases and Vaccines

Track 2-3: Biosecurity and Aquatic Animal Health

**Stream 3: Sustainable Fisheries**

Track 3-1: Aquaculture Production Systems and Harvest Technologies

Track 3-2: Ecosystems and Aquatic Environment Management

Track 3-3: Commercialization and Economics of Aquaculture

Track 3-4: Fisheries Governance &amp; Policy

Track 3-5: Sustainable Development of Fisheries

**Stream 4: Algae Technology and Industry Forum**

Track 4-1: The Frontier of Algal Research

Track 4-2: Algae Engineering and Analysis

Track 4-3: Algal Biotechnology and Application

**Stream 5: Seafood Industry Forum**

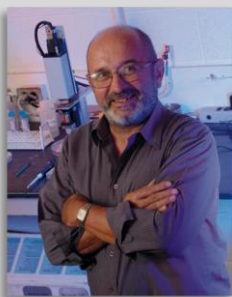
# Preliminary Program

| Date & Time | Day 0                   | Day 1                            | Day 2   | Day 3   |
|-------------|-------------------------|----------------------------------|---|---|
|             | Oct. 28, 2018<br>Sunday | Oct. 29, 2018<br>Monday          | Oct. 30, 2018<br>Tuesday                                      | Oct. 31, 2018<br>Thursday                       |
| 08:30-12:00 | Registration            | Opening Ceremony & Keynote Forum | Track 2-1<br>Track 2-2<br>Track 2-3                           | Track 4-1<br>Track 4-2<br>Track 4-3<br>Stream 5 |
| 12:00-13:30 |                         | Luncheon                         |   |   |
| 13:30-17:00 |                         | Track 1-1<br>Track 1-2           | Track 3-1<br>Track 3-2<br>Track 3-3<br>Track 3-4<br>Track 3-5 | N/A   |
| 18:30-20:00 |                         | Welcome Banquet                  | Dinner  | Dinner  |



# Renowned Speakers

03



Dr. Hans Juergen Kreuzer  
Scientific Advisor and Co-founder  
4-Deep Inwater Imaging  
Canada

Hans Jürgen Kreuzer, born in 1942 in Germany, Canadian Citizen. MSc 1966 (Bonn), Dr. rer. nat. 1967 (Bonn), Professor of Physics U. Of Alberta 1971-82, Killam Research Professor and A.C. Fales Professor of Theoretical Physics, Dalhousie University since 1982. Publications: 330 research articles, 8 books, 270 invited talks, 5 patents. Worked and published in elementary particle theory, condensed matter, non-equilibrium statistical mechanics, solid state physics, surface science, polymer science, biophysics, holography, physics and chemistry in high electric fields. Honors and Awards: Lady Davies Professor, Technion, Haifa, Israel (1977), Guest Fellow of the Royal Society, London (1987), Fellow of the Max-Planck Society, Germany (1988), Heinrich-Welcker Guest Professor, University of Erlangen-Nürnberg, Germany, 1992, Fellow of the Royal Society of Canada (1993), Humboldt Research Prize (1995, 2008), Honorary Professor, Wuhan Institute of Technology (2010), Visiting Professor, Sun Yat-sen University. Founder and owner of 4-Deep Inwater Imaging, a company that manufactures digital holographic and fluorescence microscopes based on his patents, see: [www.4-deep.com](http://www.4-deep.com).

Tormod Thomsen holds a Ph.D in Cognitive Neuroscience from the University of Bergen Norway and have been the founder and CEO of several startups within the health- and medical technology sector. Prior to joining Firmenich, Thomsen was CEO in a Norwegian gene-technology company working to improve fish health in the aquaculture industry by developing screening programs for early detection of Pathogens. In his role as Global Director for Seafood in Firmenich, Thomsen is working to develop unique seafood solutions using side streams from wild-catch fisheries improving utilization and increasing value creation of marine biomass.



Dr. Assaf Shechter holds a PhD in Molecular Biology from the lab of Professor Amir Sagi at Ben Gurion University in the Negev. Dr. Shechter is the founder and CEO of Enzootic, an animal biotechnology and genetics company which supports the breeding and farming of all-female prawn and shrimp. Previously, Dr. Shechter was the CEO and one of the inventors behind the patents of Amorphical, a drug and dietary supplement company which developed proprietary biosynthetic compounds aimed at treating calcium and bone metabolic disorders in humans.

Igal Magen, is an Israeli citizen, and holds the position as CTO of BioFishency Ltd. BioFishency is an aquaculture solutions provider focused on dramatically increasing growers' productivity and sustainability through its innovative technology and extensive knowhow. BioFishency is developing a cost-effective, easy to use, water treatment system for use in land-based aquaculture facilities. Igal Magen is the former head of the Aquaculture Division at the Israel Ministry of Agriculture. He has been a consultant and project manager for developing public and private aquaculture projects in Nigeria, Ghana, Tanzania, and Uganda, South America, and the Caribbean, with USAID projects in Guyana.



# Previous Event

The 6th Annual World Congress of Aquaculture and Fisheries held in Shenzhen Marriott Hotel Golden Bay from November 3-5 in China, has achieved great success. The theme of the conference was "Innovative Aquaculture under Challenges". The conference jointly held with the 6th Annual World Congress of Ocean (WCO-2017), which has also attracted a lot of attention.

This year's congress has obtained highly focus and extensive attentions throughout the world. Honorable leaders and distinguished guests worldwide have come to attend this congress. In the Opening Ceremony and High-level Dialogue, over 500 participants from more than 30 countries heard the warmly discussion from five honored leaders. During the whole three days' conference, totally, there were in excess of 600 participants, 150 presentations and 40 posters altogether join in the two conferences. Most participants gave a high appraisal to WCAF-2017.

After the conference many participants have expressed their satisfaction with the congress and had fine memories of Shenzhen. We believe that with the support and constructive suggestions the next conference will still be even better. We welcome you to join us next year.



Weihai, known in the past as the Weihai Garrison, and sometimes as Port Edward during the colonial period, is a prefecture-level city in eastern Shandong province, People's Republic of China. It borders Yantai to the west and looks out to the Yellow Sea to the east. It is a beautiful coastal tourist city and also a historical coastal defense spot. At present, Weihai is a commercial port and major fishing center with some light industries. Weihai has initially formed a modern marine fishery industrial system on offshore fisheries, aquaculture and breeding industry, value-added processing industry, circulation of seafood, fishery equipment manufacturing industry, and recreational fisheries.



## Hotel & Venue

威海



# Opportunity & Exhibitions Posters

Known as a country with huge production, trade and consumption volume, China has the greatest output of aquatic products around the world. What's more, China is the only country that has greater aquaculture production than fishing production.

The BIT's 7th Annual World Congress of Aquaculture & Fisheries-2018 (WCAF-2018) will provide an ideal platform to showcase your novel technologies and products. It is developed to offer comfort to delegates while maximizing exhibitor exposure, the coffee breaks and poster sessions will all take place in the exhibition area promoting frequent repeated opportunities for delegates to visit the exhibits. Over two days conference will offer a valuable opportunity to network, discover new products and meet decision makers. With representatives from all the major aquaculture countries in attendance the atmosphere is dynamic and exciting with open and friendly interaction between exhibitors and visitors.

- **To Meet Face-to-Face with the International Movers and Shakers**
- **To Meet with Key Decision Marker**
- **To Explore Business Opportunities**
- **To Spotlight Advanced Technologies and Their Scientific and Commercial Applications**
- **To Take Advantage of the Conference's Captive Audience and Networking Opportunities within the Exhibition Hall**

**Ms. Linda Cao**

Organizing Commission of  
WCAF-2018

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# Call for Contribution

WCAF-2018 would like to encourage everyone to submit a high quality abstract for both oral and poster presentations. Authors are strongly encouraged to consider both poster & oral presentations as poster session is also an integral part of the program. Papers submitted for "oral presentation only" may not be accepted as oral presentations due to the limited number of available speech slots. All abstracts must be in English - the official language of the conference. Each oral presenter shall be entitled to no more than 20 minutes for a presentation, plus 5 minutes for questions.

Authors of studies involving proprietary products or formulations should present this information in workshops or the exhibitions. Oral presentations should use Power Point. Please submit your abstract in the standard format as early as possible before the deadline on **October 1st, 2018.**

- Submit your research abstracts, papers and e-poster to contribute and help shape the conference.
- Visit <http://www.bitcongress.com/WCAF2018/> to find the full guidelines of abstract submission and an abstract sample.
- Register earlier to book the best speech slot.
- Email conference coordinator at: [linda@wcocon.com](mailto:linda@wcocon.com) for any suggestion or question.

## REGISTER ONLINE NOW

<http://www.bitcongress.com/WCAF2018/registration.asp>

Registration fee includes: All Program during the whole conference; Luncheons during the conference; Coffee Break; Welcome Banquet; Proceeding and other conference materials; A free paper abstract in the proceeding.

| Item  | Academic Package    |                      |         |
|---|---------------------|----------------------|---------|
|   | Before<br>9-30-2018 | Before<br>10-28-2018 | On-site |
| <b>Speaker</b>  | \$1449              | \$1549               | -       |
| <b>Attendee</b>   | \$1549              | \$1649               | \$1749  |
| Item  | Business Package    |                      |         |
|   | Before<br>9-30-2018 | Before<br>10-28-2018 | On-site |
| <b>Speaker</b>  | \$1549              | \$1649               | -       |
| <b>Attendee</b>   | \$1649              | \$1749               | \$1849  |
| <b>Notice:</b> The Registration fee will increase <b>\$100</b> every month since January. |                     |                      |         |