

- **The 6<sup>th</sup> International Symposium on Cage Aquaculture in Asia (CAA6)** was jointly organized by Department of Marine Science, Faculty of Science, Chulalongkorn University, National Science and Technology Development Agency (NSTDA) and Prince of Songkla University, Surat Thani Campus (PSU-Surat) at Wangtai Hotel, Surat Thani, Thailand during 12-15 October 2018. Researchers from seven countries including Thailand, India, Taiwan, Malaysia, Pakistan, Japan and Philippines participated in this important event.



The Symposium started with warm welcome by Prof. Dr. Alice Ferrer, Vice-President and Dr. Sirawut Klinbunga, Councillor, AFS. CAA6 was formally opened by Assoc. Prof. Dr. Chareon Nakason, Vice-President, PSU-Surat. Three keynote lectures were delivered. Prof. Alice Ferrer introduced “Mariculture Park Program in the Philippines: Challenges and the Way Forward” followed by the research on “Genetics and biotechnologies for sustainable aquaculture of the giant tiger shrimp *Penaeus monodon*” by Dr. Sirawut Klinbunga. In addition, Prof. Ikuo Hirono gave an important lecture on “Aquatic vaccines in Japan and studies on fish DNA vaccines”. These interesting presentations on different fields covered main themes of CAA6.

L-R: PSU-Surat Student, Prof. Dr. Ikuo Hirono (Keynote speaker), Prof. Dr. Alice Ferrer (Vice-president of AFS and keynote speaker), Dr. Sirawut Klinbunga (AFS councilor and keynote speaker), Assoc.Prof. Dr. Chareon Nakason, PSU-Surat (Co-convener, PSU-Surat) and PSU-Surat Student

The three Keynote Lectures delivered during CAA6 were on ‘Mariculture Park Program in the Philippines: Challenges and the Way Forward’ by Prof. Alice Ferrer, Vice-President, AFS; ‘Genetics and Biotechnologies for Sustainable Aquaculture of the Giant Tiger Shrimp *Penaeus monodon*’ by Dr. Sirawut Klinbunga, Councilor, AFS; and ‘Aquatic Vaccines in Japan and Studies on Fish DNA Vaccines’ by Prof. Ikuo Hirono, which



Keynote lectures delivered by Prof. Alice Ferrer and Dr. Sirawut Klinbunga

covered main themes of CAA6.

The CAA6 provided an appropriate platform for exchange of information and ideas, and disseminate updates on the development of both cage aquaculture and aquaculture biotechnology. Scientific sessions included various aspects of cage aquaculture. High quality research from other areas like nutrition and feed, health and environment management, economics and policies were also presented.



A student session was also organized, in which presentations related with cage aquaculture were presented by Mr. Benedict Mark M. Carmelita (University of the Philippines Visayas) and Mr. Mohamad M. Fikri (School of Social Sciences, Universiti Sains Malaysia). Five additional presentation from various aspects of

Presentation by Dr. Imelda Joseph, India who received the Best Presentation Award

biotechnological studies were contributed by graduate students from Thailand. Ms. Pongsawan Khaosa-art, Suranaree University of Technology, Thailand received the Best Student Presentation Award on her research entitled 'Effect of extenders and cryoprotectants on viability of spermatogonia and oogonia of striped catfish (*Pangasianodon hypophthalmus*)'. In addition, the Best Poster Presentation Award was given to Mr. Kentaro Imaizumi, Tokyo University of Marine Science and Technology, Japan for presentation on 'Effect of *Bacillus amyloliquefaciens* TOA5001 as a potential probiotic on whiteleg shrimp (*Litopenaeus vannamei*)'.



The Symposium reception was hosted by the National Science and Technology Development Agency (NSTDA) on the evening of 13<sup>th</sup> October, 2018 and AFS representatives gave the merit award to thank CAA6 Local Organizing Committee (LOC) and secretariat on their significant contribution for the successful organization of CAA6.

The three-days Symposium of CAA6 was formally closed on 15<sup>th</sup> October 2018 by Assoc. Prof. Voranop Viyakarn, Head of Department of Marine Science, Faculty of Science, Chulalongkorn University. Dr. Viyakarn sincerely acknowledged Co-conveners from NSTDA and PSU-Surat.



Prof. Aziz Ashad presenting the Merit Award to one of Local Organizing Committee from PSU-Surat



Dr. Sirawut Klinbunga presenting the Merit Awards to the Secretariat of CAA6; Ms. Sureerat Saetang (NSTDA) and Ms. Suraiya Kentasa (Chulalongkorn University)



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