

近畿大学グローバル COE シンポジウム

**National Taiwan Ocean University and Japan Kinki University
Students Aquaculture and Fisheries Science Symposium I**

日時： 2009 年 3 月 5-7 日, March 5-7, 2009

場所： 国立台湾海洋大学, National Taiwan Ocean University
会議中心, 第二演講庁, Auditorium 2, Conference Center

MEMBER of STERING COMMITTEE:

Leadership:

山根 猛 YAMANE, Takeshi Professor, KINKI University

沈 士新 SHEEN, Shyn-Shin Professor, National Taiwan Ocean University

Scientific Program Committee:

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朱 建宏 CHU, CHIEN HUNG National Taiwan Ocean University

田村 優美子 TAMURA, Yumiko Kinki University

Program

5th March 2009

9:00 Registration

9:30 Opening of the Symposium

Keynote Speech by the President Prof. Lee

10:00-12:10 Session 1 ; Aquaculture Chair ; C. H. Chu

10:00 Y. Tamura and T. Takagi, Japan

The change with growth in morphological features and functions of bluefin tuna

10:20 H. Fukuda, S. Torisawa, M. Kurata, Y. Sawada, T. Takagi, Japan

Development of schooling behavior in Cultivated Pacific Bluefin Tuna with growth

- 10:40 **Coffee Break**
- 11:10 C. H. Chu, Taiwan
Effect of dietary lipid levels on growth and survival of grouper larvae, *Epinephelus coioides*
- 11:30 S. C. Chen, Taiwan
The food safety monitoring and risk assessment of main aquaculture products in Taiwan
- 11:50 Chien, Taiwan
- 12:10-14:10 **Lunch Time**
- 14:10-16:40 **Session 2 ; Fisheries Research** **Chair ; Y. Tamura**
- 14:10 A. Yoshikawa, Japan
Fish behavioral pattern in set-net
- 14:30 H. T. Shang, Taiwan
Catch estimation using acoustic data obtained from research vessel's routine surveys in the coastal zone of Northern Taiwan
- 14:50 H. C. Yi, Taiwan
Pacific bigeye tuna (*thunnus obesus*) in relation to net primary production during meso-scale climate change
- 15:10 Coffee Break
- 15:40 F. T. Sheng, Taiwan
***Spirotontonia* species (Ciliophora: Oligotrichia) from the coastal waters of Northeastern Taiwan: Morphology and small subunit ribosomal DNA sequence**

- 16:00 H. Fukuda, T. Yamane, Japan
Influence of current profile on the catch at traditional set net fishing ground
- 16:20 T. Nishitsuji, T. Yamane, Japan
Preliminary report on the capture process of set net operated in Toyama Bay, Japan

6th March 2009

- 9:30-10:30 Session3 ; Fisheries Research Chair ; H. Fukuda**
- 9:30 H. H. Chia, Taiwan
Spatial distribution characteristics of skipjack tuna schools in Western Central Ocean in association with ENSO
- 9:50 W. L. Kuo, Taiwan
Summertime Sea surface temperature fronts associated with upwelling around the Taiwan Bank
- 10:10 Y. Kunimune, K. Komeyama, M. Matsuda, Y. Mitsunaga, T. Takagi, T. Yamane, Japan
Seasonal distribution of endemic crucian carps, Nigorobuna and Gengoroubuna in Lake Biwa
- 10:30 Coffee Break**
- 11:00-12:00 Session4 ; Aquaculture Chair ; H. Fukuda**
- 11:00 D. Imakita, Y. Mitsunaga, T. Yamane, Japan
Foraging behavior categorization of carp (Cyprinus carpio) using an acceleration data-logger

11:20

Lin

Identification and function of alpha2- macroglobulin and its role involved in the innate immune defense for shrimp farming

11:40

Chuang

Characterization of a protease inhibitor, alpha2-macroglobulin in grouper, *Epinephelus* spp