



日本水産学会創立85周年記念 国際シンポジウム

# International Symposium

“Fisheries Science for Future Generations”  
The Japanese Society of Fisheries Science

## Program

**Date** Sept. 22 [Fri.] - 24 [Sun.], 2017

**Venue** Tokyo University of Marine Science and Technology,  
Shinagawa, Tokyo, Japan

- SP09-07 **Characteristics of the fatty acid composition of two tropical gastropods (*Strombus luhuanus* and *Turbo marmorata*) with a bivalve (*Pinctada margaritifera*) in the coral reef**  
Hiroaki Saito<sup>1</sup>, Hirofumi Kubo<sup>2</sup> and Motoya Tamaki<sup>3</sup>  
<sup>1</sup>Ishikawa Prefectural University, Japan, <sup>2</sup>Okinawa Prefectural Fisheries Research and Extension Center, Japan and <sup>3</sup>Seikai National Fisheries Research Institute, Japan
- SP09-08 **Influence of squid liver meal as the major protein source in prematuration diet on growth and gonadal amino acid content of rabbitfish, *Siganus guttatus***  
Asda Laining, Agus Nawang and Akhmad Mustafa  
Research Institute for Coastal Aquaculture (RICA), Indonesia
- SP09-09 **Growth performance of adult yellowtail *Seriola quinqueradiata* fed extruded low-fish meal diet in commercial aquaculture; potential for cost reduction**  
Noriko Ishida<sup>1</sup>, Hitoshi Matsuo<sup>2</sup>, Kazuki Matsukura<sup>3</sup>, Tomohiko Koshiisi<sup>4</sup>, Soetsu Yanagi<sup>5</sup> and Shuichi Satoh<sup>6</sup>  
<sup>1</sup>Japan Fisheries Research and Education Agency, Japan, <sup>2</sup>Azuma-Cho Fishery Cooperative, Japan, <sup>3</sup>Nagasaki Prefectural Institute of Fisheries, Japan, <sup>4</sup>Marubeni Nisshin Feed Co., Ltd., Japan, <sup>5</sup>Kagoshima Prefectural Fisheries Technology and Development Center, Japan and <sup>6</sup>Tokyo University of Marine Science and Technology, Japan
- SP09-10 **Response of appetite-related hormones and a digestive hormone to orally administered fish meal in yellowtail**  
Haruhisa Fukada<sup>1</sup>, Tsubasa Ueno<sup>1</sup>, Junpei Shinagawa<sup>1</sup>, Susumu Irie<sup>2</sup>, Toshiro Masumoto<sup>1</sup> and Atsushi Akimoto<sup>2</sup>  
<sup>1</sup>Kochi University, Japan and <sup>2</sup>Feed One Co., Ltd., Japan
- SP09-11 **Growth performance and nutrient utilization of hybrid catfish (*Heteroclarias*) fed variegated grasshopper meal**  
Gabriel G. Bake<sup>1</sup>, Josephine E. SANI<sup>1</sup>, Desmond C. NWANGW<sup>2</sup>, Masato Endo<sup>3</sup>, Yutaka Haga<sup>3</sup> and Shuichi Satoh<sup>3</sup>  
<sup>1</sup>Federal University of Technology Minna, Nigeria, <sup>2</sup>National Institute for Freshwater Fisheries Research, Nigeria and <sup>3</sup>Tokyo University of Marine Science and Technology, Japan
- SP09-12 **Possible energy sources at embryonic developmental stages and after hatching of Pacific bluefin tuna, *Thunnus orientalis***  
Amal Biswas, Ayumi Kato, Haruka Hashimoto, Norihide Takahashi, Shukei Masuma and Kenji Takii  
Kindai University, Japan

Sept. 24 (Sun.) am	Oral Presentation	Room 4
10:00	SO09-17 <b>Use of <i>Telescopium</i> mussel meal and traditional coconut oil as alternative protein and lipid sources in the diet on the growth and survival rate of spiny lobster (<i>Panulirus ornatus</i>)</b> Agus Kurnia, Wellem H. Muskita, Muhaimin Hamzah, Oce Astuti and Muhammad Haikal Halu Oleo University, Indonesia	
10:15	SO09-18 <b>Carotenoid-enriched diet fed since pre-maturation stage enhanced gonadal maturation and biochemical properties in several tissues of pond reared black tiger shrimp (<i>Penaeus monodon</i>)</b> Asda Laining, Ike Trismawanti, Usman and Kamaruddin Research Institute for Coastal Aquaculture (RICA), Indonesia	
10:30	SO09-19 <b>Efficacy of fibrolytic enzymes on digestibility of some local raw materials for aquafeed</b> Sittichai Hatachote, Orapin Jintasataporn and Srinoy Chumkam Kasetsart University, Thailand	
10:45	SO09-20 <b>Effects of replacing soybean meal with water hyacinth (<i>Eichhornia crassipes</i>) leaf meal on growth and feed utilization of juvenile river carp (<i>Leptobarbus hoevenii</i>)</b> Indra Suharman, Adelina Adelina, Nur El Fajri and Nirwan Fadli Pulungan	



## Certificate of Attendance

This is to certify that

Indra Suharman

attended the JSFS 85th Anniversary-Commemorative  
International Symposium held during 22<sup>nd</sup> -24<sup>th</sup> September,  
2017 in Tokyo, Japan as oral presenter

A handwritten signature in black ink, appearing to read 'Shuichi Satoh'.

Shuichi Satoh

Chair

The JSFS 85th Anniversary-Commemorative International Symposium

Organizing Committee

