

The 12th International Kuroshio Sciences Symposium and South China Sea Marine Stations Conference

November 18 -21, 2018

College of Marine Sciences, National Sun Yat-sen University,
Kaohsiung City, Taiwan

Program

Nov. 18 (Sun)

17:00 - 20:00 Reception, at the patio of College of Marine Sciences, National Sun Yat-sen University

Nov. 19 (Mon)

Morning session: Marine stations in the Kuroshio and South China Sea regions (at the 3rd floor auditorium)

9:00 - 9:10 Podium preparation and announcements

9:10 - 9:15 Welcome remarks

Dean Hsien-Hua Lee, College of Marine Sciences, NSYSU

9:15 - 9:25 Group photo

9:25 - 9:30 Open remarks for marine stations session

Dr. Keryea Soong

9:30 - 9:40 Dr. Mutsunori Tokeshi

Amakusa Marine Biological Laboratory (@32.5°N), Kyushu University, Japan

9:40 - 9:50 Dr. Allen Chen

Green Island Marine Research Station (@22.6°N), Academia Sinica, Taiwan

9:50 - 10:00 Dr. Pi-Jen Liu

National Museum of Marine Biology & Aquarium (@22.0°N), Taiwan

10:00 - 10:10 Dr. Chu The Cuong

Doson Marine Research Station (@20.4°N), Institute of Marine Environment and Resources, Vietnam

10:10 - 10:20 Dr. Keryea Soong

Dongsha Atoll Research Station (@20.4°N), National Sun Yat-sen University, Taiwan

10:20 - 10:30 Dr. Cecilia Conaco

Bolinao Marine Laboratory (@16.2°N), Marine Science Institute, University of the Philippines, Philippines

10:30 - 11:00 Coffee break

11:00 - 11:10 Dr. Tom Schils

Marine Laboratory (@13.40°N), University of Guam, USA

11:10 - 11:20 Dr. Suchana Apple Chavanich

Angsila Marine Science Station (@13.3°N), Chulalongkorn University, Thailand

11:20 - 11:30 Dr. Po-Hsiung Lin (w/o his presence)

Taiping Island Research Station (@10.2°N), National Taiwan University

11:30 - 11:40 Dr. Danilo Dy

University of San Carlos Marine Station (@10.1°N), University of San Carlos, Philippines

Dr. Po Teen Lim (moved to PM session)

Bachok Marine Research Station (@6.0°N), University of Malaya, Malaysia

Dr. Mei Lin Neo (w/o her presence)

St. John's Island National Marine Laboratory (@1.2°N), National University of Singapore, Singapore

Mr. Andrianus Sembiring (w/o his presence)

Bionesia (@8.3°S), Yayasan Biodiversitas Indonesia (Non-Profit Organization), Indonesia

Lunch Talks (at the 2nd floor conference room)

12:30 - 13:00 Dr. Chen-Lu Lee

“An assessment of trophic flows in tropical seagrass ecosystem, South China Sea”

13:00 - 13:30 Dr. Mutsunori Tokeshi

“Introducing SCESAP, the Society, for Coastal Ecosystems Studies -Asia Pacific”

Afternoon sessions

(A) Marine Stations Forum (at the 2nd floor conference room)

Convener: Dr. Keryea Soong

(B) Student Presentations (at the 2nd floor meeting room)

Session Chairs: Munandar Samidon and Julissah Evangelio

14:00 - 14:15 Donna M. Guarte

“Taxonomical review of *Auxis* (Scombridae) larvae in the Western Pacific”

14:15 - 14:30 Norhafiz Hanafi

“Preliminary revision of southern South China Sea (SSCS) croakers (Perciformes; Sciaenidae) with notes on integrative approach”

14:30 - 14:45 Janic. ce Leriorato

“High latitude's climate-mediated extreme winter condition threat to range-shifting tropical reef fishes”

14:45 - 15:00 Jonel Corral

“Parasitic effect of bopyrid isopods on selected brachyuran crabs in Western Japan”

15:00 - 15:15 Coffee break

15:15 - 15:30 Julissah C. Evangelio

“Marine macroinvertebrates in Cuatro Islas protected landscape and seascape (Cipls), Inopacan and Hindang, Leyte”

15:30 - 15:45 Liezel C. Paraboles

“Diel changes of early stages of *Maurolicus japonicus* (Sternoptychidae) in the western Pacific”

15:45 - 16:00 Munandar Samidon

“The escalation of coral growth by biorock technology and its influence for reef fish presence at surrounding applied in Sabang marine ecotourism”

Late afternoon activities

16:00 - ; Cijin Island visit, etc., by invitation

Nov. 20 (Tue)

Morning session: Giant Clams Conservation (at the 3rd floor auditorium)

Session Chair: Dr. Keryea Soong

9:00 - 9:05 Podium preparation and announcements

9:05 - 9:45 Plenary: Prof. Edgardo Gomez

“Conservation and production of the true giant clam, *Tridacna gigas*, in the South China Sea”

9:45 - 10:00 Dr. Patrick C. Cabaitan

“Giant clam restocking enhances local biodiversity and ecosystem service in northwestern Philippines”

10:00 - 10:15 Dr. Li-Lian Liu

“The distribution and size of giant clams in Taiwan”

10:15 - 10:45 Coffee break

10:45 - 11:00 Dr. Hernyi Justin Hsieh

“Artificial reproduction of giant clams *Tridacna* spp. in Penghu, Taiwan”

11:00 - 11:15 Mr. Dong-Chi Hsu

“The effect of substrate types on the survival of juvenile giant clams (*Tridacna maxima*) and a pilot study on population restoration in Penghu, Taiwan”

11:15 - 11:30 Dr. Po Teen Lim

“Distribution and population structure of two giant clam species (Cardiidae: *Tridacna*) of Perhentian Islands Marine Park, Malaysia”

11:30 - 11:35 Dr. Allen Chen

“Progress of giant clams phylogeography survey in South China Sea”

11:35 - 11:45 Summary (Dr. Keryea Soong)

Lunch Talks (at the 2nd floor conference room)

12:30 - 13:00 Dr. Tzu-Hsuan Tu

“Diversity and ecology of deep-sea corals and seep microbial communities”

13:00 - 13:30 Dr. Chienhsun Chen

“Distribution of modern foraminifera and their feasibility for coral reef evaluation in Dongsha Atoll, South China Sea”

Afternoon session: Algal Biology

Session Chair: Tom Schils

14:00 - 14:15 Dr. Tom Schils

“The role of crustose calcifying red algae in phase transitions on tropical Pacific reefs”

14:15 - 14:30 Dr. Shao-Lun Liu

“Ecological baseline assessments on crustose coralline algae assembly in a less industrially polluted area of Taoyuan Algal Reef, Taiwan”

14:30 - 14:45 Dr. Michael Y. Roleda

“Development of new strains of *Kappaphycus* for farming”

14:45 - 15:00 Dr. Paul John L. Geraldino

“Glycolipid biosurfactants derived from macroalgal feedstock bioconversion”

15:00 - 15:30 Coffee break

15:30 - 15:45 Dr. Leni G. Yap-Dejeto

“Disparity of Morphology and Molecular Identification of *Sargassum* species from Eastern Philippines”

15:45 - 16:00 Dr. Ni-Ni-Win

“Systematics, species diversity and biogeography of the brown algal genus *Padina* (Dictyotales, Phaeophyceae) based on morphological and molecular data”

16:00 - 16:15 Dr. June Owen O. Nacorda

“Morpho-anatomy of *Halimeda* (Bryopsidales, Chlorophyta) from the Mesophotic Reefs of the Benham Bank Seamount, Philippine Rise”

16:15 - 16:25 Dr. Ching-Nen Nathan Chen

“Cell wall confers UV tolerance in airborne green microalgae”

Late afternoon activities (Beach drinks and buffet, by invitation)

Nov. 21 (Wed)

Morning session: General Marine Biology (at the 3rd floor auditorium)

Session Chair: Dr. Helen Yap

9:00 - 9:05 Podium preparation and announcements

9:05 - 9:20 Dr. Shang Yin Vanson Liu

“Genetic structure and relatedness of sharptooth lemon shark at Dongsha Island”

9:20 - 9:35 Dr. Helen T. Yap

“Integrated habitat and livelihood analysis in a center of biodiversity”

9:35 - 9:50 Dr. Irene B. Rodriguez

“Nickel availability and its role in the growth and nitrogen fixation by *Trichodesmium*”

9:50 - 10:05 Dr. Atsushi Fujimura

“Effect of temperature and water flow on coral health”

10:05 - 10:30 Coffee break

10:30 - 10:45 Dr. The Chu Cuong

“Sea turtle conservation in Vietnam: Past, present and future”

10:45 - 11:00 Dr. Hsiu-Chin Lin

“Diversity of amphioxus in Taiwan”

11:00 - 11:15 Ms. Dun-Ru Kang

“Egg-collar morphology and identity of nine species of Naticidae (Gastropoda) in Taiwan, with an assessment of their phylogenetic relationships”

11:15 - 11:30 Dr. Teruyuki Shinbo

“Integrated coastal and ocean management and coral reef conservation: Comparative research between Filipino MPAs and Japanese approach”

Lunch Talk (at the 2nd floor conference room)

12:30 - 13:00 Dr. Hung-Yen Hsieh

“Environmental effect on the bioaccumulation of PAHs in marine zooplankton in the Gaoping coastal waters, Taiwan”

Afternoon session: Fisheries and seafood exhibition (13:30 -; by invitation)