

**The Joint Symposium  
for  
the 12<sup>th</sup> International Kuroshio Sciences & SCS Marine Stations**

**Nov 18 – 21, 2018**

**Organizer**

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

**Sponsors**

**Ministry of Science and Technology, Taiwan  
National Sun Yat-sen University, Taiwan  
Marine National Park Headquarters, Taiwan**

**Program at a glance** (Due to limited space or permits, a few activities are by invitation. Tickets to attend these activities are with your name card)

| Date            | Morning  | Lunch                   | Afternoon   | Late afternoon and/or evening activities   |
|-----------------|--|-------------------------|---|--|
| Nov 18<br>(Sun) | wifi access:<br>Server: NSYSU;<br>Status: guest;<br>ID: marine<br>PW: biology) |                         |   | Reception (5:00 – 8:00 PM) at the 2 <sup>nd</sup> floor patio of College of Marine Sciences, NSYSU |
| Nov 19<br>(Mon) | Presentations of marine stations   | Two special lunch talks | <b>A.</b> Marine station forum<br><br><b>B.</b> Student presentations   | Cijin island visit and dinner (by invitation)  |
| Nov 20<br>(Tue) | Giant Clams Conservation   | Two special lunch talks | Algal Biology   | Campus beach buffet (by invitation)  |
| Nov 21<br>(Wed) | General Marine Biology   | One special lunch talk  | Field trips:<br><b>A.</b> Fisheries & seafood exhibition (by invitation)<br><br><b>B.</b> Yacht company visit (by invitation) | Extended field trips   |
| Nov 22<br>(Thu) | Departure or extended field trips  |                         |   |  |

## 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 3<sup>rd</sup> floor auditorium)**

- |               |  |
|---------------|--|
| 9:00 – 9:10   | Podium preparation and announcements   |
| 9:10 – 9:15   | Welcome remarks (Dean Hsien-Hua Lee, College of<br>Marine Sciences, NSYSU)   |
| 9:15 – 9:25   | <b>Group photo</b>   |
| 9:25 – 9:30   | Open remarks for marine stations session<br>(Dr. Keryea Soong)   |
| 9:30 – 9:40   | Dr. Mutsunori Tokeshi<br>Amakusa Marine Biological Laboratory (@32.5°N)<br>Kyushu University, Japan                                  |
| 9:40 – 9:50   | Dr. Allen Chen<br>Green Island Marine Research Station (@22.6°N)<br>Academia Sinica, Taiwan  |
| 9:50 – 10:00  | Dr. Pi-Jen Liu<br>National Museum of Marine Biology & Aquarium<br>(@22.0°N), Taiwan  |
| 10:00 – 10:10 | Dr. Chu The Cuong<br>Doson Marine Research Station (@20.4°N)<br>Institute of Marine Environment and Resources,<br>Vietnam            |
| 10:10 – 10:20 | Dr. Keryea Soong<br>Dongsha Atoll Research Station (@20.4°N)<br>National Sun Yat-sen University, Taiwan                              |
| 10:20 – 10:30 | Dr. Cecilia Conaco<br>Bolinao Marine Laboratory (@16.2°N)<br>Marine Science Institute, University of the<br>Philippines, Philippines |
| 10:30 – 11:00 | <b>Coffee break</b>  |

- 11:00 – 11:10 Dr. Tom Schils  
Marine Laboratory (@13.4°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 2<sup>nd</sup> 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 2<sup>nd</sup> floor conference room)**  
(Convener: Dr. Keryea Soong)

- 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 3<sup>rd</sup> 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 Filippino MPAs and Japanese approach”

**Lunch Talk (at the 2<sup>nd</sup> 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)**