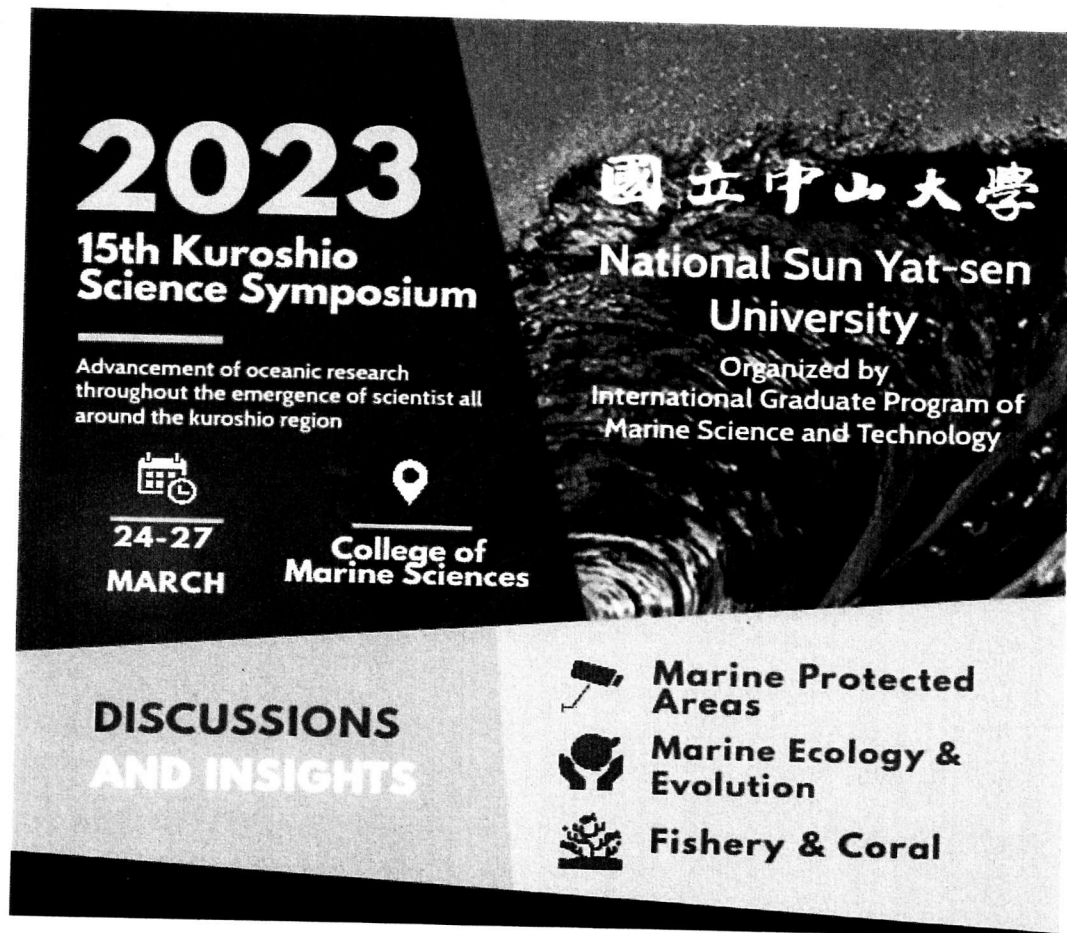


The 15th International Kuroshio Sciences Symposium

March 24 – 27, 2023



The International Graduate Program
of Marine Science and Technology

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

Acknowledgement

This symposium is made possible by the efforts of the following colleagues and students, and the budget from the International Graduate Program of Marine Science and Technology, College of Marine Sciences, National Sun Yat-sen University, Taiwan

Organizers: Dr. Ching-Nen Nathan Chen 陳慶能

Dr. Jih-Terng Wang 王志騰

Dr. Kwee-Siong Tew 張桂祥

Editorial: Dr. Ching-Nen Nathan Chen 陳慶能

Ms. Tze-Ching Yong. 楊子清

Session Chairs: Dr. Kwee-Siong Tew 張桂祥

Dr. Emma Ballard

Dr. Renan Bobiles

Dr. Mina Hori 堀美菜

Dr. Satoshi Kubota 久保田賢

Dr. Pluomeo Nieves

Excursion planning and execution:

Dr. Ching-Nen Nathan Chen 陳慶能

Dr. Jih-Terng Wang 王志騰

Dr. Kwee-Siong Tew 張桂祥

Miscellaneous: Ms. Tze Ching Yong 楊子清

Ms. Jennifer Poon 潘慧德

Ms. Lucy Lau 劉愷程

Mr. Christ Toh 杜恩純

Ms. Ya-Lun Wang. 王雅倫

Mr. Feng-Lin Fan 范豐麟

Program of the 15th Kuroshio Science Symposium at National Sun Yat-sen University, Kaohsiung City, Taiwan, March 24 – 27, 2023

Mar. 24, Friday	1:00 – 2:30 PM	Registration at the ground floor of College of Marine Sciences, NSYSU campus
		Campus wifi for international attendees 3/23 - 28 Status: Guest Username: kuroshio Password: kuroshio Venue: The auditorium on the 3rd floor
	2:30 – 2:45 PM 2:45 – 2:50 PM	Opening remarks & admin announcement Group photo
	3:00 – 3:40 PM	Chair: Dr. Kwee-Siong Tew (張桂祥) Theme talk (I): Dr. Te-Hao Chen (陳德豪) (p. 4) National Museum of Marine Biology & Aquarium
	3:50 – 4:30 PM	Theme talk (II): Dr. Hsiu-Chin Lin (林秀瑾) (p. 5) Dept of Marine Biotech & Resources, NSYSU
	4:30 – 7:30 PM	Reception party at the college terrace
	8:00 – PM	Visit Pier II (駁二) night market
Mar. 25, Saturday	9:00 – 9:15 AM 9:15 – 9:30 AM 9:30 – 9:45 AM 9:45 – 10:00 AM 10:00 – 10:15 AM	Session I: Marine Protected Areas & related Chair: Dr. Emma L. Ballard (1) Monique Mercado-Vicentillo (NSYSU) (p. 6) (2) Donna Ross Saycon (NSYSU) (p. 7) (3) Shu-Chiang Huang (NSYSU) (p. 8) (4) Joela M. A. dela Vega (Kochi U) (p. 9) (5) Emma L. Ballard (BFAR-II, Ph) (p. 10)
	10:15 – 10:45 AM	Coffee/tea break
	10:45 – 11:00 AM 11:00 – 11:15 AM 11:15 – 11:30 AM 11:30 – 11:45 AM 11:45 – 12:00	Session II: Marine Ecology, Evolution & related Chair: Dr. Renan Bobiles (1) Lorenzo C. Halasan (NSYSU) (p. 11) (2) Jing-Ying Wu (NSYSU & NKUST) (p. 12) (3) Tsz-Ching Leung (NSYSU) (p. 13) (4) Renan Bobiles (Bicol, Ph) (p. 14) (5) Li-Lian Liu (NSYSU) (p. 15)
	– 1:30 PM	Lunch break (lunch boxes, coffee, tea)

	1:30 – 1:45 PM 1:45 – 2:00 PM 2:00 – 2:15 PM 2:15 – 2:30 PM 2:30 – 2:45 PM	Session III: Fishery & related (A) <u>Chair: Dr. Mina Hori</u> (1) Angel B. Encarnacion (BFAR II, Ph) (p. 16) (2) Yu-Chia Lin (NSYSU) (p. 17) (3) Mina Hori (Kochi U) (p. 18) (4) Evelyn C. Ame (BFAR II, Ph) (p. 19) (5) Antonio B. Mendoza (Bicol, Ph) (p. 20)
	2:45 – 3:15 PM	Coffee/tea break
	3:15 – 3:30 PM 3:30 – 3:45 PM 3:45 – 4:00 PM 4:00 – 4:15 PM 4:15 – 4:30 PM	Session IV: Coral and related <u>Chair: Dr. Satoshi Kubota</u> (1) Ma. Marivic C. Pepino (Kochi U) (p. 21) (2) C. N. Nathan Chen (NSYSU) (p. 22) (3) Kwee-Siong Tew (NSYSU) (p. 23) (4) Jih-Terng Wang (NSYSU) (p. 24) (5) Satoshi Kubota (Kochi U) (p. 25)
	5:30 – 7:30 PM	Seafood feast (旗津海產)
	8 – 9 PM	Visit 旗津 cannon fort monument and city night view
Mar. 26, Sunday	9:00 – 9:15 AM 9:15 – 9:30 AM 9:30 – 9:45 AM 9:45 – 10:00 AM 10:00 – 10:15 AM 10:15 – 10:30 AM	Session V: Fishery & related (B) <u>Chair: Dr. Pluomeo M. Nieves</u> (1) Plutomeo M. Nieves (Bicol, Ph) (p. 26) (2) Mawuko G. Ahiable (Kochi U) (p. 27) (3) Jessica M. Legaspi (Kochi U) (p. 28) (4) Lorelie A. Burgos (Kochi U) (p. 29) (5) Norhafiz Hanafi (NSYSU) (p. 30) (6) Zahra Zandvakili (Kochi U) (p. 31)
	11 AM – 6 PM	Excursion to 屏東三地門 (By invitation, taking a university bus, seats are limited) Lunch on the bus (小籠包, water, snacks)
Mar. 27, Monday	9 AM – 6 PM	Excursion to monuments in Tainan (by train and walking). *All attendees please bring water, at least NT\$ 500 in cash and an EasyCard or iPass with deposit at least NT\$ 200. *For the attendees staying on campus, gather in front of the Family Mart at 8:30 AM. *For the attendees staying at off-campus hotel(s) gather at the Light Rail "Gushan Station" before 9 AM. *Change to a regular train to Tainan at Gushan Station. Note: this excursion is optional, and it is at the participants' own expense. The symposium attendees can plan their own excursions if not to join this one.