Center of Excellence for the Oceans, National Taiwan Ocean University, Keelung, Taiwan November 26-28, 2025

Venue: Conference Hall of PI (畢東江博士國際會議廳)

Dayl - November 26, Wednesday

09:00	~	09:30	Bus from E-coast Star Hotel to NTOU		
09:30	7	09:40	Opening Remarks		
			FIT Representative, Professor Sylvie DUFOUR, Professor Ching-Fong CHANG		
09:40	~	10:00	* *		
10:00	~		Talk 1 Sylvie DUFOUR CNRS, Paris / NTOU, Keelung Emeritus Research Director / YuShan visitor Professor Impact of global change on the ocean and its biodiversity	Chairman:	
10:30	~	11:00	Distinguished Visiting Fellow Selection for energy-efficient physiology in fish to cope with environmental changes during evolution	吳金洌 Jen-Leih WU	
11:00		11:10			
11:10	}		Talk 3 陳夫任 Tin-Yam CHAN Institute of Marine Biology, National Taiwan Ocean University, Keelung Distinguished Professor Making sense of the taxonomy of the most commercially important shrimps <i>Penaeus s.</i> 1. (Crustacea: Decapoda: Penaeidae), a way forward	Chairman: 黃鵬鵬 -Pung-Pung	
11:40	~	12:10	Talk 4 陳國勤 Benny Kwok-Kan CHAN Biodiversity Research Center, Academia Sinica, Taipei Director / Distinguished Research Fellow Barnacles, one of Darwin's favorites, their waterproof super cement and its evolution	HWANG	
12:10	~	13:00			
13:00	~	13.30	Talk 5 Sarah SAMADI National Museum of Natural History, Paris Professor Towards an Integrated Approach for Deep-Sea Exploration: Physical, Omics, and Imaging Techniques in a Changing World	Chairman: Catherine LORIN-	
13:30	?		Talk 6 邵廣昭 Kwang-Tsao SHAO Academia Sinica, Taipei Emeritus Research Fellow Taxonomic Studies of Fish Eggs and Larvae: From Fundamentals to Applications	NEBEL LOKING	
14:00	~	14:20			
14:20	~	14:50	Talk 7 Catherine LORIN-NEBEL University of Montpellier, Montpellier Professor Plasticity in osmoregulatory intestinal responses of European sea bass populations reared in distinct seasonal temperature regimes	Chairman: 陳天任	
14:50	~	15:10	Talk 8 Seyit Ali KAMANLI Department of Biology, Burdur Mehmet Akif Ersoy University, Turkey Associate Professor Comparative Analysis of Imaging Techniques in Crustacean Taxonomy	Tin-Yam CHAN	
15:10	~	15:30			
15:30	~	16:10	Poster Section (I)		

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Day2 - November 27, Thursday

08:30		08.50	Bus from E-coast Star Hotel to NTOU	
	~			
08:50	~	09:20	Visit-Ancient sailing boat自由中國號	I
09:30	?	10:00	Talk 9 Laure BONNAUD-PONTICELLI National Museum of Natural History, Paris Professor How are the molluscs affected by global change? A focus on light and temperature increase effects	Chairman:
10:00	~		Talk 10 黃將修Jiang-Shiou HWANG Institute of Marine Biology, National Taiwan Ocean University, Keelung Distinguished Professor Effects of the shallow water hydrothermal vent on the ecology and ecosystem functioning and vent animal adaptations at Kueishantao, Taiwan, North Pacific Ocean	何攖寧 Ying-Ning HO
10:30	~	10:50		
10:50	?	11:20	Talk 11 吳貫忠 Guan-Chung WU Department of Aquaculture, National Taiwan Ocean University, Keelung Professor Molecular Regulation of Sex Determination and Gonadal Differentiation in the Bigfin Reef Squid (Sepioteuthis lessoniana)	Chairman: 黃將修
11:20	~	11:50	Talk 12 Vianney DENIS Institute of Oceanography, National Taiwan University, Taipei Associate Professor The Role of Heterotrophy in Coral Reef Resilience to Climate Change	Jiang-Shiou HWANG
			The Role of Heterotrophy in Corar Reef Resilience to Chinate Change	
11:50	?	13:00		
11:50	~ ~	13:00	Lunch Talk 13 楊倩惠Chien-Hui YANG Institute of Marine Biology, National Taiwan Ocean University, Keelung	Chairman:
13:00	~ ~	13:30 14:00	Talk 13 楊倩惠Chien-Hui YANG Institute of Marine Biology, National Taiwan Ocean University, Keelung Associate Professor Insights into the phylogeny and evolution of spiny lobsters (Crustacea: Decapoda: Palinuridae) from mitogenomic and nuclear sequences Talk 14 李欣 Hsin LEE National Museum of Marine Biology and Aquarium, Taiwan (NMMBA), Pingtung Assistant Research Fellow Hidden diversity in chemosynthetic environments: insights from mollusks and echinoderms in the Indo-West Pacific	Chairman: Sarah SAMADI
13:00	~	13:30	Lunch Talk 13 楊倩惠Chien-Hui YANG Institute of Marine Biology, National Taiwan Ocean University, Keelung Associate Professor Insights into the phylogeny and evolution of spiny lobsters (Crustacea: Decapoda: Palinuridae) from mitogenomic and nuclear sequences Talk 14 李欣 Hsin LEE National Museum of Marine Biology and Aquarium, Taiwan (NMMBA), Pingtung Assistant Research Fellow Hidden diversity in chemosynthetic environments: insights from mollusks and echinoderms in the Indo-West Pacific Coffee break	
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13:00 13:30 14:00	2 2 2	13:30 14:00 14:20	Talk 13 楊倩惠Chien-Hui YANG Institute of Marine Biology, National Taiwan Ocean University, Keelung Associate Professor Insights into the phylogeny and evolution of spiny lobsters (Crustacea: Decapoda: Palinuridae) from mitogenomic and nuclear sequences Talk 14 李欣 Hsin LEE National Museum of Marine Biology and Aquarium, Taiwan (NMMBA), Pingtung Assistant Research Fellow Hidden diversity in chemosynthetic environments: insights from mollusks and echinoderms in the Indo-West Pacific Coffee break Talk 15 奎子萱 Tzu-Hsuan TU Department of Oceanography, National Sun Yat-sen University, Kaohsiung Professor Beyond the Visible Microbial Mechanisms in Sedimentary Elemental Cycling Talk 16 何搜拿 Ying-Ning HO Institute of Marine Biology, National Taiwan Ocean University, Keelung□ Associate Professor Sustainable Conservation and Development of Marine Microbial Resources under Changing Environments	Sarah SAMADI

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Day3 - November 28, Friday

09:00	~	09:30	Bus from E-coast Star Hotel to NTOU	
09:30	~		Talk 17	Chairman: Laure BONNAUD- PONTICELLI
			陳義雄 I-Shiung CHEN	
		10:00	Institute of Marine Biology, National Taiwan Ocean University, Keelung	
			Professor	
			The molecular phylogenetic analysis and morphological survey revealing the hidden species	
			diversitry of coastal cryptic worm-goby Luciogobius generic group in Taiwan Talk 18	
	~	10:30		
10:00			張順恩Shun-Yan CHEUNG	
10:00			Institute of Marine Biology, National Taiwan Ocean University, Keelung Assistant Professor	
		11:00	Nitrogen-fixing microorganisms in the changing ocean Talk 19	
			許瑞峯Ruei-Feng SHIU	
10:30	?		Institute of Marine Environment and Ecology, National Taiwan Ocean University, Keelung	
10.50		11.00	Associate Professor	
			Fate of Missing Plastics in the Ocean	
11:00	~	11:20		
		11:40	Talk 20	Chairman: Vianney DENIS
	~		陳霽Chi CHEN	
11:20			Center of Excellence for the Oceans, National Taiwan Ocean University, Keelung	
11:20			Postdoc	
			Metabolic adaptation of the shallow-water hydrothermal vent crab, Xenograpsus testudinatus,	
			to sulfide-rich and hypoxic environments	
			Talk 21	
			張清風 Ching-Fong CHANG	
11:40		12:10	National Taiwan Ocean University, Keelung	
12.10			National Chair Professor	
		12.00	Adaptive ecophysiology of vent corals in the hydrothermal vent off Kueishan Island	
12:10	~	13:00	Lunch	

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Yu-Jing PENG, Hsing-Hui LI, Hsin LEE*

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Ecological Assembly of Resistance and Virulence Gene Networks Driven by Plastic-Sediment Interactions in Contrasting Marine Environments

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Functional Ecological Adaptations of the Vent Crab Xenograpsus testudinatus in the Extreme Hydrothermal Ecosystem of Kueishan Island. Taiwan

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Epigenetic mechanisms underlying adaptation of vent coral and vent crab in the hydrothermal vent ecosystem off Kueishan Island