

10月24日(星期二)上午

時間	活動		備註
08:00~08:20	開幕式 Opening Session	致詞： 1. 澎湖科技大學 校長翁進坪教授 2. 廈門大學 江毓武教授 3. 成功大學 高家俊教授	地點：澎湖科技大學海科大樓 國際會議廳 主持人：中山大學洪慶章、 中央大學錢樺
08:20~08:30	大合照 Group Photo		
Session 1.1 – B.海洋雷達及遙測技術發展及應用 主持人：錢樺、賴堅戊			
08:30~09:00	S1. 專題 演講 Keynote Speech	Pierre Jacques Flament	Observing the sub-mesoscale in the coastal transition zone: development and current state of in-situ and remote sensing technologies
09:00~09:15	S1.1	吳雄斌	On the Doppler offsets of the 1st Order HF Radar Sea Echoes
09:15~09:30	S1.2	錢樺	Analysis of wave parameters and directionality from simulated HF Radar Sea Echo during Typhoon Dujuan
09:30~09:45	S1.3	岳顯昌	Wave spreading factor derived from observations of HF surface wave radars in a network
09:45~10:00	S1.4	李炎	海面非微幅波的高頻地波雷達觀測
10:00~10:30	茶歇 Tea Break (A)		
10:30~10:45	S1.5	Suseentharan Veluchamy	An overview of Indian Coastal HF Radar Network
10:45~11:00	S1.6	賴堅戊	南灣作業化高頻雷達測流網所看見的冷水垂向混合現象
11:00~11:15	S1.7	陳振雄	Sea Surface Observations in the Taiwan Strait Using the Chung-Li VHF Array Radar
11:15~11:30	S1.8	陳章友	X波段雷達圖像浪流反演的波束形成技術
11:30~11:45	S1.9	吳立中	航海雷達監測近岸地形水深技術之研擬
11:45~12:00	S1.10	胡建宇	Internal Solitary Wave Reflection in the South China Sea
12:00~13:00	午餐		

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Session 2 – D.海洋環境生物地球化學			
主持人：周文臣			
13:00~13:30	S2. 專題演講 Keynote Speech	陳鎮東	Carbon and nutrients in Submarine Groundwater Discharge around Taiwan
13:30~13:45	S2.1	李明安	Modelling of Essential Fish Habitat for Mugil cephalus Based on IPCC Climate Scenarios in the Taiwan Strait 透過 IPCC 情境模擬資料探討臺灣海峽 重要物種棲地模型：以烏魚為例
13:45~14:00	S2.2	洪慶章	Enhanced particulate organic carbon export triggered by internal waves in the oligotrophic northern South China Sea
14:00~14:15	S2.3	蔣國平	The dynamic of a dominant dinoflagellate Noctiluca scintillans off the subtropical coastal waters of Matsu archipelago: in a high-gradient environment
14:15~14:30	S2.4	柯風溪	Bioaccumulation and trophic transfer of persistent organic chemicals in marine plankton 持久性有機污染物在海洋浮游生物之 累積及食階傳遞
14:30~14:45	S2.5	方天熹	The contamination status of trace metals in sediment of the East China Sea
14:45~15:00	S2.6	周文臣	The storage effect on pH analysis for seawater samples
15:00~15:15	S2.7	馬劍	Automated spectrophotometric determination of carbonate ion concentration in seawater using a portable syringe pump based analyzer
15:15~15:30	S2.8	陳紀新	An Automatic flow-through monitoring system for planktonic ecological process study and its application
晚餐，地點：福朋喜來登酒店珍珠廳			

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Session 3 – A. 海洋數值模式及預報技術發展應用			
主持人：江毓武			
08:00~08:30	S3. 專題演講 Keynote Speech	王東曉	Intensified interannual variation of the southern South China Sea circulation during winter monsoon
08:30~08:45	S3.1	廖建明	台灣海峽高解析模式應用於海難搜救評估
08:45~09:00	S3.2	江毓武	Physical-biological model and its scientific research in the Taiwan Strait
09:00~09:15	S3.3	劉洋	基於全球潮汐潮流數值預報系統的南海及麻六甲海域潮汐潮流研究
09:15~09:30	S3.4	滕春慈	簡介氣象局波浪預報作業系統的改進
09:30~09:45	S3.5	傅賜福	風暴潮-近岸浪耦合漫堤數值預報系統在福建沿岸業務化應用
09:45~10:00	S3.6	王衛強	Lagrangian decomposition of the Indian-Ocean shallow meridional overturning circulation
10:00~10:15	S3.7	陳冠宇	數值格林函數在暴潮預報的應用
10:15~10:30	S3.8	任詩鶴	夏季臺灣海峽及周邊海域上升流鋒面的數值研究
10:30~11:00	茶歇 Tea Break (c)		
Session 1.2 – B. 海洋雷達及遙測技術發展及應用			
主持人：趙丰			
11:00~11:15	S1.11	高學民	Chinese Ocean Satellite Missions in the Near Future
11:15~11:30	S1.12	趙丰	Ocean circulation variations revealed by time-variable gravity from the GRACE satellite
11:30~11:45	S1.13	Richard L. Miller	Multi-resolution Retrieval of Water Quality Parameters in Coastal Waters using MODIS and Landsat OLI Data
11:45~12:00	S1.14	鄒斌	A Fast Distribution System for Ocean Satellite Data
12:00~13:00	午餐		

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Session 4 – E.海岸帶災害與管理			
主持人：江文山			
13:00~13:30	S4. 專題演講 Keynote Speech	Prof. Bärbel Koppe	Flood and Coastal Protection at the German North Sea Coast
13:30~13:45	S4.1	Mullai Vendhan Kuppusamy	Beach Restoration with Submerged Reefs and Beach Nourishment in Puducherry, India
13:45~14:00	S4.2	Muh Aris Marfai	Band Ratio Modification for Monitoring the Suspended Sediment Distribution Pattern in the Coastal Area
14:00~14:15	S4.3	吳念祖	海堤安全評估作業程序探討
14:15~14:30	S4.4	江文山	區域性海岸越波風險分析
14:30~14:45	S4.5	Dyah Rahmawati Hizbaron	Urban Coastal Disaster Risk Management in Indonesian Context
14:45~15:00	S4.6	林宗儀	氣候變遷下台南七股洲瀆海岸防護 策略之討論
15:00~15:15	S4.7	曾筱君	Social-environmental analysis of methane and coastal management in the South China Sea and bordering countries
15:15~15:45	茶歇 Tea Break (B)		

Session 5 – C.海上觀測技術發展及應用

主持人：許建平、張文舟

15:45~16:00	S5.1	許建平	西北太平洋颱風海域實時海洋監測及其應用前景
16:00~16:15	S5.2	楊穎堅	海氣象即時傳輸浮標之發展與測試
16:15~16:30	S5.3	Jaya Kumar Seelam	Investigations of surfzone processes along a beach stretch on central west coast of India
16:30~16:45	S5.4	Balaji Ramakrishnan	Capturing nearshore dynamics-A five institution joint exercise along Indian coastline
16:45~17:00	S5.5	鄭皓元	Development and Application of Miniature Wave Buoy
17:00~17:15	S5.6	王玉懷	金門海域漂流垃圾調查
17:15~17:30	S5.7	陳先文	台灣海峽西北部表面流場之探究 (Investigation of the Surface Flow Field in the Northwestern Taiwan Strait)
17:30~17:45	S5.8	張文舟	利用 Bio-Argo 觀測南海深海區葉綠素變化及分析
17:45~18:00	討論與會議閉幕		
晚餐，地點：百世多麗 1 館 B1 貴菊廳			