



**CONTRIBUTED SESSION:
AIR-SEA INTERACTIONS AND DYNAMICAL
COUPLED MODELS**

Co-Chairs: Nadia Pinardi (Italy) and Simon Chang (USA)

TUESDAY, JUNE 7

- 2.00-2.12 **COUPLED MESOSCALE MODELING OF THE ATMOSPHERE AND OCEAN**
Richard M. Hodur, James A. Cummings, James D. Doyle, Xiaodong Hong, Paul Martin, and Julie D. Pullen
- 2.12-2.24 **CO₂ FLUXES BETWEEN THE ATMOSPHERE AND OCEAN DURING POMME PROJECT IN THE NORTH-EAST ATLANTIC OCEAN**
Melchor González-Dávila, J. Magdalena Santana-Casiano, and Leticia Barbero-Muñoz
- 2.24-2.36 **TWO-WAY AIR-SEA COUPLING: STUDIES OF THE ADRIATIC**
J.D. Pullen, J.D. Doyle, and R.P. Signell
- 2.36-2.48 **ATMOSPHERIC BOUNDARY-LAYER MEASUREMENTS IN THE GULF OF TEHUANTEPEC**
Carl A. Friehe, Djamal Khelif, W. K. Melville, Shouping Wang, and Qing Wang
- 2.48-3.00 **HURRICANE WAVE FIELD MEASUREMENTS TO IMPROVE AIR-SEA PARAMETERIZATION**
Edward Walsh, C. Wayne Wright, and Peter G. Black
- 3.00-3.12 **THE SLOPE TO SHELF ENERGETICS AND EXCHANGE DYNAMICS PROJECT (SEED): OBSERVATIONS OF OCEAN CURRENTS IN THE NORTH-CENTRAL GULF OF MEXICO DURING HURRICANE IVAN.**
Ruth Preller, William Teague, and Doug Mitchell
- 3.12-3.24 **AIR-SEA FLUX PARAMETERIZATION IN A COUPLED ATMOSPHERE-WAVE-OCEAN MODEL**
Isaac Ginis, Il-Ju Moon, Tetsu Hara, and Biju Thomas
- 3.24-3.36 **COUPLED ATMOSPHERE-WAVE-OCEAN MODELING USING CBLAST OBSERVATIONS**
Shuyi S. Chen, Wei Zhao, Melicie Desflots, Mark Donelan, and James Price
- 3.36-3.48 **IMPACT OF SEA SURFACE TEMPERATURE VARIABILITY ON MARINE ATMOSPHERIC BOUNDARY LAYER**
Shouping Wang, Qing Wang, James Cummings
- 3.48-4.00 **MOMENTUM FLUX STRUCTURE IN THE MARINE ATMOSPHERIC SURFACE LAYER**
G. Katsouvas, C. Helmis, Q. Wang, Z. Gao, G. Sgouros
- 4.00-4.12 **LIMITED AREA ATMOSPHERE/OCEAN FORECASTING SYSTEM FOR THE EAST MEDITERRANEAN MFSTEP ACTIVITIES: PERFORMANCE ANALYSIS**
G. Kallos, S. Sofianos, I. Pytharoulis, P. Katsafados, and N. Skliris

4.12-4.24

DIAGNOSING PHYTOPLANKTON FUNCTIONAL TYPES FROM BIO-OPTICAL TRAITS

Jim Aiken, James Fishwick, Nick J. Hardman-Mountford, and Gerald F. Moore