34th Annual
Southeastern Phycological
Colloquy

Saturday, October 20, 2012

7:45-8:30  Registration And Breakfast

8:30-8:40  Welcome (Cliff Ross and Dale Casamatta) (Room 1701)

8:45-9:45  Plenary Talk: CLIMATE CHANGE AND OCEAN ACIDIFICATION EFFECTS ON SEAGRASSES AND MACROALGAE: A PHYSIOLOGICAL TO ECOSYSTEM PERSPECTIVE. Marguerite Koch. Florida Atlantic University.

9:45-10:15  Coffee Break

Oral Presentations: Session I

10:15  RECRUITMENT AND SUCCESSION OF CORAL REEF MACROALGAE ASSEMBLAGES UNDER DIFFERENT ECOLOGICAL FACTORS. Alain Duran, Ligia Collado-Vides, & Deron Burkepile. Florida International University.


11:00  BIOMASS AND PRODUCTIVITY OF SURF ZONE PHYTOPLANKTON. Kalman Bugica & Lawrence Cahoon. University of North Carolina, Wilmington.

11:15  TROPICIMARINAS VILLUS GEN. NOV. SP. NOV., T. PULVINUS SP. NOV., T. EPIPHYTICA SP. NOV., T. ERYTHROFLOCCOS SP. NOV., T. FLAGELLUM SP. NOV.
FIVE NEW MARINE NATURAL PRODUCTS RICH SPECIES OF CYANOBACTERIA. Niclas Engene¹, Tara Byrum², Andrea Thor², Mark H. Ellisman², William H. Gerwick², & Valerie J. Paul. ¹Smithsonian Marine Station at Ft. Pierce, ²University of California, San Diego.

11:30 DNA BARCODE ANALYSES OF SOUTHEASTERN BRAZIL GELIDIALES. Cíntia Iha & Mariana Cabral de Oliveira. Universidade de São Paulo.


12:00-1:00 Luxurious Lunch in Courtyard

Oral Presentations: Session II


2:00 RESILIENCE TO HYPOSALINITY STRESS IN HALOPHILIA JOHNSONII. Nathan Gavin & Michael Durako. University of North Carolina, Wilmington.


2:30-3:00 Coffee Break
Oral Presentations: Session III

3:00 MORPHOLOGICAL EVIDENCE OF THE IDENTITY OF GREEN MACROALGAE BLOOMING SPECIES IN BISCAYNE BAY FLORIDA. Ligia Collado-Vides¹, Dení Rodríguez², Stephen Blair³, & Janina Rojas¹. ¹Florida International University, ²Universidad Nacional Autónoma de México, ³Regulatory and Economic Resources, Miami Dade.


3:30 EVALUATING TEMPORAL DYNAMICS OF CARBON PRODUCTION OF THE GENUS HALIMEDA IN A SUBTROPICAL KARSTIC SYSTEM. Sir Alex Perez, Glauco Puig, James Fourquarean, & Ligia Collado-Vides. Florida International University.


4:00 AN INVESTIGATION OF ENDOPHYTE EFFECTS ON MACROPHYTE HOST PHYSIOLOGY ALONG THE WESTERN ANTARCTIC PENINSULA. Kathryn M. Schoenrock¹, Charles D. Amsler¹, James B. McClintock¹, & Bill J. Baker². ¹University of Alabama at Birmingham, ²University of South Florida

4:30-6:15 Poster Session and Mixer (Biology Courtyard)

Posters:


PHYSIOLOGICAL AND BIOCHEMICAL RESPONSES OF BALD CYPRUS TO ELEVATED SALINITY. Nathan Lauer & Cliff Ross. University of North Florida.


SYSTEMATICS OF EPIZOOIC AND EPIPHYTIC NONGENICULATE CORALLINE ALGAE FROM ANTARCTICA. Ashley Thigpen¹, Kate Schoenrock², Chuck Amsler², & J. Craig Bailey¹. ¹University of North Carolina, Wilmington, ²University of Alabama, Birmingham.
THE DETRIMENTAL EFFECTS OF AN ANADYOMENE BLOOM ON SEAGRASS BEDS IN BISCAYNE BAY, FL. Sabrina Schneider¹, C. Avila², S. Blair², W. Anderson¹, T. Thyberg³, D. Lirman³, C. Drury³, & L. Collado-Vides¹. ¹Florida International University, ²Dept. of Regulatory and Economic Resources, ³University of Miami.

PHYTOPLANKTON ASSOCIATIONS IN THE VICINITY OF DESOTO CANYON, NORTHWESTERN GULF OF MEXICO. J.A. Nienow¹, A. Schultz¹, C. Bryller¹, J. Tillman¹, A. Nienow¹, & S. Wise². ¹Valdosta State University, ²Florida State University.


DNA BARCODE ANALYSES OF RED ALGAE FROM ISLA CEBACO, PACIFIC PANAMA. P. Ryan Philips, Seth L. Parham, & D. Wilson Freshwater. University of North Carolina, Wilmington

A NOVEL MUTALISM MAY DRIVE THE INVASION OF AN INTRODUCED SEAWEED IN THE ESTUARINE MUDFLATS OF THE SOUTHEASTERN USA. Nicole Kollars¹, J. Byers², & E. Sotka¹. ¹College of Charleston, ²University of Georgia.

EFFECTS OF LAWN FERTILIZER REGULATION ON URBAN POND PHYTOPLANKTON. Aryk Bingham-Hill & Kiyoko Yokota. University of Tampa.

IMPACTS OF BENTHIC CYANOBACTERIA ON CORALS. Valerie J. Paul¹, Raphael Ritson-Williams¹, Cliff Ross², Sarath Gunasekera¹, Jason Kwan³, Lilbeth Salvador³, Theresa Meickle¹, & Hendrik Luesch³. ¹Smithsonian Marine Station at Fort Pierce, ²University of North Florida, ³University of Florida


6:45 Exquisite Dinner at UNF (Room 2701)