



Dauphin Island Sea Lab, Alabama

Program of Events

Friday, 26 October

- 3:00 – 5:00 PM Registration in DISL Administration Building.
- 5:00 – 6:30 PM Registration and Welcome mixer on upper deck outside Galathea Hall (note that there will also be a Halloween event for kids going on in the parking area nearby; as you look out towards the Gulf, Galathea Hall is on the right end of the big red building on stilts)
- 6:30 PM Dinner in DISL Cafeteria

Saturday, 27 October – all events in Galathea Hall (the big building on stilts next to the Gulf) unless otherwise noted

- 7:00-8:30 AM **Breakfast** in DISL Cafeteria
- 8:35 **Welcome** (C. Amsler, J. Lopez-Bautista)

Oral Presentations Session 1 Moderator: Clinton Dawes (*University of South Florida*)

- 8:40 **Distribution, morphology and phylogeny of *Klebsormidium* (Klebsormidiales, Charophyta) in urban habitats in Europe.** Fabio Rindi, Michael D. Guiry, and Juan M. Lopez-Bautista. *University of Alabama, Tuscaloosa, and Martin Ryan Institute, National University of Ireland, Galway*
- 8:55 **Organic and inorganic nutrient effects on growth rate -irradiance relationships in the Texas brown tide *Aureoumbra lagunensis* (Pelagophyceae).** Harris I. Muhlstein* and Tracy A. Villareal. *University of Texas at Austin Marine Science Institute* (*currently at UNC-Wilmington)

- 9:10 **Do chloroplast numbers drive allelic variation?** Kristie M. Sommer, M.E. Chafee, E. Schwarz, and J.C. Bailey. *Univeristy of North Carolina at Wilmington*.
- 9:25 **Show me your tips and I'll tell you what you are.** Constanza Ehrenhaus and Suzanne Fredericq. *University of Louisiana at Lafayette*
- 9:40 **Biochemistry of wound healing strategies in marine siphonaceous algae.** Cliff Ross, Matthew Welling, and Georg Pohnert. *University of North Florida and Friedrich-Schiller-Universitat, Jena*.
- 9:55 **The *Chattonella* complex: A review.** Ian Misner and Carmelo Tomas. *Univeristy of North Carolina at Wilmington*

10:10 **Coffee Break**

Oral Presentations Session 2 Moderator: Craig Bailey (*UNC Wilmington*)

- 10:40 **Morphological covergence in subaerial algae: An equatorial Africa experience.** Haj Allali and Juan Lopez-Bautista. *University of Alabama, Tuscaloosa*
- 10:55 **Variability in primary productivity model inputs on multiple timescales: Implications for productivity monitoring in Weeks Bay, USA.** Andy K. Canion, H.L. MacIntyre, and S.W. Phipps. *Dauphin Island Sea Lab and Weeks Bay National Estuarine Research Reserve*
- 11:10 **Floristic survey of subaerial microchlorophytes from Barro Colorado Island, Panama.** Daryl W. Lam, Fabio Rindi, and Juan Lopez-Bautista. *University of Alabama, Tuscaloosa*
- 11:25 ***Predaea* and its allies, with a focus on taxa from the Gulf of Mexico.** Daniela Gabriel, Suzanne Fredericq, and Ana Isabel Neto. *University of Louisiana at Lafayette and University of the Azores*
- 11:40 **New freshwater eustigmatophytes: life histories and systematics.** Cory L. Dashiell and J.C. Bailey. *Univeristy of North Carolina at Wilmington*
- 12:00 **Lunch** in the DISL Cafeteria

Oral Presentations Session 3 Moderator: Reid Wiseman (*College of Charleston*)

- 1:15 **Oxidative stress in phytoplankton culture: sources and solutions.** J. Jeffrey Morris and Erik R. Zinser. *University of Tennessee*
- 1:30 **Extended investigations on the subaerial Trentepohliales (Ulvophyceae, Chlorophyta) in the Southeastern USA.** Sarah Marie Noble and Juan Lopez-Bautista. *University of Alabama, Tuscaloosa*
- 1:45 **Detection of EsV-I virus and species determination for *Ectocarpus*, especially from the northern Gulf of Mexico.** Christopher Main. *University of West Florida*
- 2:00 **Seasonal and inter-annual changes in dinoflagellates community composition in nearshore Alabama waters.** Lucie Novoveska, William L. Smith, Carol P. Dorsey, Charles A. Stapleton, and Hugh L. MacIntyre. *Dauphin Island Sea Lab and Alabama Department of Public Health*
- 2:15 **Photosynthetic action spectra of *Halophila johnsonii* from riverine and marine influenced sites.** Amanda Kahn and Michael Durako. *University of North Carolina at Wilmington*
- 2:30 **Biology and seasonal distribution of *Hermesinum adriaticum* in the New River of North Carolina.** Robert Reger and Carmelo Tomas. *University of North Carolina at Wilmington*
- 2:45 **Coffee Break**

Oral Presentations Session 4 Moderator: Michael Durako, (*UNC Wilmington*)

- 3:15 **Character evolution in the Raphidophyceae.** Brooke Stuercke, J. Craig Bailey, and Carmelo R. Tomas. *University of North Carolina at Wilmington*
- 3:30 **Palatability of *Palmaria decipiens* and its endo/epiphyte *Elachista antarctica* to four common Antarctic amphipods.** Philip Bucolo, Charles D. Amsler, James B. McClintock, Bill J. Baker. *University of Alabama at Birmingham and University of South Florida*
- 3:45 **Seagrass status following the hurricanes of 2004 in Indian River Lagoon, Florida.** Kristen M. Sanderson and M. Dennis Hanisak. *Harbor Branch Oceanographic Institution*
- 4:00 **Red blades from the Gulf of Mexico.** Natalia Arakaki and Suzanne Fredericq. *University of Louisiana at Lafayette*

4:15 **Molecular ecology of the diatoms.** Meghan E. Chafee, K. Sommer, and J.C. Bailey. *University of North Carolina at Wilmington*

4:30 **Poster Session and Mixer**

A new species of soil *Auloseira* from the Czech Republic. D.A. Casamatta, J.R. Johansen and A. Lukesova. *University of North Florida*

Taxonomic affiliation of *Coelothrix irregularis* (Harv.) Børgesen based on molecular data analysis. Chad Lozada and David L. Ballantine. *Univeristy of Puerto Rico – Mayagüez*

Using gut content analysis to assess the importance of macroalgae as a food source for the amphipod community along the Western Antarctic Peninsula. Craig F. Aumack, C.D. Amsler, J.B. McClintock, and B. J. Baker. *University of Birmingham at Birmingham, and University of South Florida*

The role of chemical defense in the palatability of congeneric, rhizophytic, green algae. Amy A. Erickson, Valerie J. Paul, Mikel Becerro, Sandra Duran, and Lisa M. Kwiatkowski. *Louisiana State University – Shreveport, Smithsonian Marine Station at Fort Pierce, and Centre for Advanced Studies (CEAB, CSIC)*

Taxonomic Investigation of *Geitlerinema* (Cyanobacteria) Using Morphology and 16S rDNA Gene Sequence Data. Emilie Stringfellow, Ralph Perkerson, and Dale Casamatta. *University of North Florida*

Secondary folding structures of the 16S-23S ITS region and its use as a phylogenetic marker with the genus *Leptolyngbya* (Cyanobacteria). Ralph Perkerson and Dale Casamatta. *University of North Florida*

New macroalgal findings in the Gulf of Mexico. Suzanne Fredericq, Natalia Arakaki, Tae Oh Cho, Constanza Ehrenhaus, Daniela Gabriel, Amy Hamill, Emma Hickerson, David Kravesky, Will Schmidt, and Boo Yeon Won. *University of Louisiana at Lafayette, University of the Azores, and Flower Garden Banks National Marine Sanctuary*

Clarification of the red algal genus *Peyssonnelia* in the Gulf of Mexico, with a proposal for a new red algal order based on the Peyssonneliaceae. D. M. Kravesky, J. Norris, and S. Fredericq. *University of Louisiana at Lafayette and Smithsonian Institution*

A light and scanning electron microscopical study of the benthic diatom genus *Plagiogramma greville* (Bacillariophyta) from coastal marine habitats of Florida, Georgia and Alabama. J. A. Nienow and A. K. S. K. Prasad. *Valdosta State University and Florida State University*

On the surface: Are secondary metabolites used to prevent fouling in green algae?

Laura A. Bedinger and Valerie J. Paul. *University of South Florida and Smithsonian Marine Station*

New insights in the Red Algal Order Rhodymeniales, with special emphasis on taxa from the Gulf of Mexico.

William Schmidt and Suzanne Fredericq, *University of Louisiana at Lafayette*

6:30 **Seafood Dinner** in DISL Cafeteria

c. 7:30 **After Dinner Talk: Thirty years of doing marine botany in Florida: “Places I have gone, people I have met!”** M. Dennis Hanisak. *Harbor Branch Oceanographic Institution*