

### **Monday, June 18**

- PSA Board of Trustees meeting

### **Tuesday, June 19**

- PSA Executive Committee meeting
- Arrival and registration (desk open in the afternoon)
- Mixer scheduled for the evening (6-9 pm)
- Genomics workshops
- Marine field trips (one in the morning and in the afternoon) on the Discovery vessel ([www.dnr.sc.gov/marine/discovery](http://www.dnr.sc.gov/marine/discovery))

### **Wednesday, June 20**

- **Symposium:** Red Algal Phylogenomics (Chairs: Juan Lopez-Bautista [*University of Alabama*] and Debashish Bhattacharya [*Rutgers*])
  - H.S. Yoon (*Bigelow Laboratory for Ocean Sciences*): The Red Algal Tree of Life
  - John Stiller (*East Carolina University*): The *Porphyra* genome
  - Jonas Collen (*Station Biologique de Roscoff*): The *Chondrus* genome
  - Cheong Xin Chan (*University of Queensland*) and Patrick T. Martone (*University of British Columbia*): The *Calliarthron* genome
  - Debashish Bhattacharya (*Rutgers*) and Dana Price (*Rutgers*): The *Porphyridium* genome
- Bold Talks
- NSF Townhall meeting (organized by Rick McCourt) and Career Workshop
- Graduate Student Social
- The Phirst Phyco Philm Phest
- REDToL Symposium

### **Thursday, June 21**

- Symposium: Algae as indicators in freshwater ecosystems (Chair: Kalina Manoylov, *Georgia College and State University*)
  - Rex Lowe (*Bowling Green University*)
  - Jan Stevenson (*Michigan State University*)
  - Kalina Manoylov (*Georgia College and State University*): Biosessment of aquatic biodiversity with coarse and fine levels of diatom taxonomy
- *Journal of Phycology* Editorial lunch
- Poster Session

- PSA auction
- REDToL symposium (during the poster session)

### Friday, June 22

- **Symposium:** Algal-viral interactions (Chair: Curtis Suttle, *University of British Columbia*)
  - Corina Brussaard (*Royal Netherlands Institute of Oceanography*): Viruses in the driver's seat of phytoplankton mortality
  - Curtis Suttle (*University of British Columbia*): High estimates of diversity in algal viruses suggest an important role in phytoplankton mortality
  - Steven Wilhelm (*University of Tennessee, Knoxville*): Cyanophages – ubiquitous members of freshwater and marine systems
  - Willie Wilson (*Bigelow Institute for Ocean Sciences*): Giant viruses that infect *Emiliana huxleyi*: life and death after genome sequencing
- PSA Banquet at the South Carolina Aquarium ([www.scaquarium.org](http://www.scaquarium.org))
- PSA Business Meeting

### Saturday, June 23

- **Symposium:** Molecular Insights into the Ecology and Physiology of Harmful Algal Blooms (Chairs: Frances van Dolah, *NOAA Center for Coastal Environmental Health and Biomolecular Research* and Greg Doucette (*NOAA Center for Coastal Environmental Health and Biomolecular Research*)
  - Chris Gobler (Stony Brook University): Understanding the niche of harmful algae through the lens of eco-genomics, -transcriptomics, and -proteomics
  - Micaela Parker (University of Washington): Genomic insights into the physiology of the domoic acid producing diatom *Pseudo-nitzschia multiseriata*
  - Frances Van Dolah: Post-transcriptional regulation of gene expression in the Florida red tide dinoflagellate, *Karenia brevis*
  - Jeremiah Hackett (University of Arizona): Transcriptome analysis reveals nuclear encoded proteins for the maintenance of stolen plastids in the okadaic acid producer, *Dinophysis acuminata*
  - Uwe John (Alfred Wegner-Institute for Marine Research): A glimpse into the evolution and diversity of type I polyketide synthases in marine protists
  - Greg Doucette: Characterizing HAB dynamics and toxicity via coordinated AUV-based sampling and in situ deployment of molecular tools