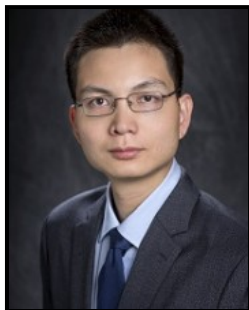




## Events

[Current Events](#)[Lectures ▾](#)[Events Archive ▾](#)

## Computational Mathematics Seminar Series

**Horizontal Dispersion of Buoyant Materials in the Ocean Surface Boundary Layer 1****Jun-Hong Liang, Louisiana State University**

Assistant Professor

Digital Media Center 1034  
March 20, 2018 - 03:30 pm**Abstract:**

In this talk, I will discuss our recent study that uses a Large eddy simulation model for ocean surface gravity wave filtered incompressible Navier-Stokes equation to study how buoyant material spreads in the upper ocean. The results of the study will improve the prediction of the pathway of marine pollutants such as spilled oil and microplastics.

**Speaker's Bio:**

Jun-Hong Liang is an assistant professor in the Department of Oceanography and Coastal Sciences and the Center for Computation and Technology at LSU. He conducts theoretical and computational study of ocean physical and biogeochemical processes.

**This lecture has refreshments @ 03:00 pm**