Global Ocean Forecasting Systems

Eric Chassignet
Florida State University

In this presentation, the current status and future evolution of global ocean forecasting systems will be presented. The systems are facing many challenges as the resolution as well as the sophistication in data assimilation techniques increase. These challenges will be discussed together with the issues one will face as we move beyond ocean-only simulations, i.e. coupling to ice, ecosystems, waves, and atmospheric models.