

# Florida State University/ University of South Carolina

Conservative Explicit Local Time-Stepping Schemes for the Shallow Water Equations - Lili Ju

Exponential Integrators with Fast and Slow Mode Splitting for Multilayer Ocean Models - Konstantin Pieper

Localized Exponential Time Differencing Methods Based on Domain Decomposition - Zhu Wang

Exponential Time Differencing for the Tracer Equations Appearing in Primitive Equation Ocean Models - Sara Caladrini

Hamiltonian Structure Preserving Reduced Order Modeling (HSP-ROM) for the Shallow Water Equations - Chad Sockwell

