CICE Consortium Progress and Plans

FY19 was a busy year for the CICE Consortium, with 4 releases each of Icepack and CICE, a user workshop and tutorial, expanding Consortium participation from our user base, and a broadening range of user applications, setting the standard for community collaboration.  Major Icepack upgrades include a joint thickness and floe size distribution with adaptive timestepping, water isotope tracers, and shortwave enhancements within and below the ice.  In addition, CICE now offers an implicit solver for viscous-plastic dynamics and improved testing capabilities.  This presentation will place these developments and future upgrades in the context of planned E3SM enhancements and scientific studies.