PRs merged to oops/saber in the last few weeks:
- Benjamin's PR removing Ensemble from the constructor of the Localization. Users now have to pre-compute the BUMP files and reread them when they use the localization (online estimation of parameters won't be possible).
- Anna's PR that changes QC filters default behavior in Var: now applied only before the first iteration by default.
- Yannick's PR that adds Serializable class (to be used in parallel 4DEnVar, weak-constraint 4DVar and block-Lanczos (merged to oops)

PRs planned to be merged in the next few weeks:
- Clementine's consolidate ensemble applications (changes to EDA, EnsHofX, EnsForecasts)
- Yannick's refactoring of 4DEnVar and weak-constraint 4DVar

Additions during testing code sprint (note: these are only the ones related to JEDI4):
- Marek added new tests with L95 testing minimizers that weren't previously tested
- Chris Thomas added new tests to test minimizers on a simple problem, with 3x3 matrices, both separately and in a simple L95 3DVar. A few bugs were exposed and fixed. Chris also added tests for some functions in the oops/assimilation folder.
- Benjamin added tests to oops using VariableChange in Var; led to bugfixes for input/output variables specification when there is a chain of variable transforms.
- Clementine added tests for MPI communications
- Sergey added a unit test for vertical localization used in GETKF.

General updates from the JEDI4 meeting last week:
- Dan is working on static B for fv3-jedi. Mimicking GSI, but on a cubed sphere. Training on high-resolution (C384) ensembles. Dan and Benjamin are working on ways to simplify the training.
- Eric & Nancy reported that the NRL team is continuing work on static B (significant reworking of the original code); also looking into ensemble training (considering bringing back ET). Work on TL/AD is coming along.
- Fabio is working on FSOI
- Helen is working on profiling soca LETKF, tidying up ioda observation Distribution, and plans to work on Halo Distribution next
- Sergey is working on separating Observer from LETKF code to improve LETKF scaling
- JJ has been working on obs-space diagnostics for EDA consistency ratio
- Marek and Olly are working on variable transforms; moisture control variable is ready, Poisson solver with MPI is almost ready.