



Getting to DC2 IRFs Work Checklist

- Recons bundled up, tested
- Geometry updated and validated
 - additions include s/c update and possible TKR splay
- Background fluxes rechecked and documented
- Filter rechecked, options set and documented for DC2
- Event peeling infrastructure test
- Tighter, automatic connection between IM output and merit results
- Schedule for first 100k, 1M, 10M runs

- Agreement on IRF formats early
 - needs feedback from Science Tools
 - quantitative measures of quality of representation
- Background rejection analysis redone two ways (via IM and by hand); iterate.

What else?

Much of this can/must be done in parallel

Next steps: who will do what when?



Before the DC2 Update

- There is a need to update the public representation of the LAT performance prior to DC2 (i.e., within the next few months). Follow the process.
- Use DC1 IRFs as a basis for updating the performance page. Remove obvious warts (state explicitly the things done by hand)
 - Aeff droop at high energy is mostly an artifact, so fix it for this interim set of responses
- Also, close the loop by:
 - add science performance plots to system tests: a set of point sources of varying intensity embedded in a uniform high-latitude diffuse background and extract detection significance after 1-year exposure.
 - needs a quantitative and unchanging method for the significance
 - Also do with observation simulator