

Milky Way Survey

- Shares DESI focal plane with the BGS
- Targets from Gaia
 - need some of the work planned for this meeting to make final decisions
- Workshop Goal: get MWS targets and data in to DESI data flow

People here: Connie Rockosi, Carlos Allende-Prieto, Bob Blum, Doug Finkbeiner, you

Goals: Milky Way Survey

- Mock catalog data in to fiber assignment tests
 - first mock targets made with generic proper motion selection ready (pending format issues, target flag plan, etc.)
 - start work on test #2: add targets from the other mode of interest — very sparse, very interesting targets
- General need to be able to run fiber assignment tests so the WG can see what is possible and how best to do it

Goals: Milky Way Survey

- Stellar templates through RedMonster
 - Need to make full set of simulated data with most recent simulation package, including lunar model
 - specsim
 - want RV (redshift) accuracy vs. S/N, including moon conditions
- Stellar templates in to pixel-level simulations
 - want information about dynamic range
 - what task should we be working with on this?

Goals: Milky Way Survey

- Get MWS observations in to DESI observation simulations
 - Work with the Obs Seq. task
- We will want to do something like QuickCat (I think)
- Can we have a bookkeeping sprint?
 - IDs, target flags, etc.