

MKIDs of optical and near IR

Juan Estrada

- We have been talking about MKIDs for high density $R \sim 100$ spectroscopy in astronomy. This made it to the last Snowmass cycle, and even the P5 report (one line).
- Lots of progress done (from $R \sim 7$ to $R \sim 20$).
- We will have a whitepaper discussing the progress since then, and the issues moving forward. I am specially interested in improving our understanding phonon downconversion efficiency.
- Lead will be Ben Mazin (UCSB), I already talked with him about this for an Lol to the photodetector subgroup in the instrumentation frontier.