

SBND near-term plan

- Let's be determined and persistent!
- Running and evaluating DNN ROI in signal processing (Moon, Avinay)
 - building wirecell with GPUs in Polaris (Adam Corey etc. from ANL) – a potential paradigm of prompt signal processing
- Developing the LArSoft handles for reading & using calibration database (Moon) – we have MicroBooNE examples
- Calibration preparation and readiness
 - channel-by-channel electronics calibration (Lynn) – new 4 parameter model
 - signal field response calibration (Avinay, Harry) – ICARUS approach?
- Excess noise removal (Matt, Ewerton + Dan) – we have protoDUNE examples
- Higher level reconstruction implementation and evaluation
 - clustering & charge-light matching (Lynn and Ewerton)
 - cosmic background removal (Matt? + TBD)
- Possibly we need to deal with shorted wires/region in signal processing
 - maybe not if just one or two wires