

SBND Developments

- Clustering evaluation – Ewerton, Hanyu
 - Good progress on evaluation tools: <https://indico.bnl.gov/event/26375/>
 - Found an issue on input files: <https://github.com/HaiwangYu/wcp-porting-img/issues/5>
- QL-Matching – Lynn, Haiwang
 - Matching partially working!
- DL-Clustering – Moon, Avinay, Haiwang
 - Data preparation:
 - rec: mostly done – 2D information needs APA/face refactoring
 - sim: back-tracker is needed
 - direct “trackID”s are not always the same between MCTruth and SimEnergyDepo
- DNN-ROI – Moon, Avinay, Haiwang
 - Performance: Good on Sim. **How about data? (visual, cross-plane consistency)**
 - Computing: memory should be fine with chunking (not **validated** yet)

Wire-Cell-Toolkit Developments

SBND March release:

- <https://github.com/WireCell/wire-cell-toolkit/milestone/4>
 - negative waveform (gauss, loose_lf)
 - Validation – make sure nothing is broken
 - [option] dumping information for DL-Clustering
 - requests from users – some may be not related, some may wait
 - ...

Porting infrastructure:

- [Brett] Read light/matching into WCT:
 - WCP ROOT
 - larewirecell/qlmatch
- APA/face Usage Clean-up
 - <https://github.com/WireCell/wire-cell-toolkit/issues/373>
- Extra information for multi-volume/position correction
 - <https://github.com/WireCell/wire-cell-toolkit/issues/378>