



Contribution ID: 161

Type: **Oral**

## 2023 DPF Instrumentation Early Career Award

*Wednesday, 8 November 2023 09:10 (35 minutes)*

“For his work on 3D pixelated readout technology for liquid argon time projection chambers (LArPix). This low power, low noise custom ASIC with dynamic i/O, capable of running in liquid argon, has helped open the field to advanced systems on chips. Such technologies underpin the modular DUNE ND-LAr near detector which will need to make precise measurements in a high flux environment with event pileup for the ultimate measurements of neutrino oscillations and CP violation in the neutrino sector.”

**Presenter:** DWYER, Dan (Lawrence Berkeley National Lab)

**Session Classification:** Plenary