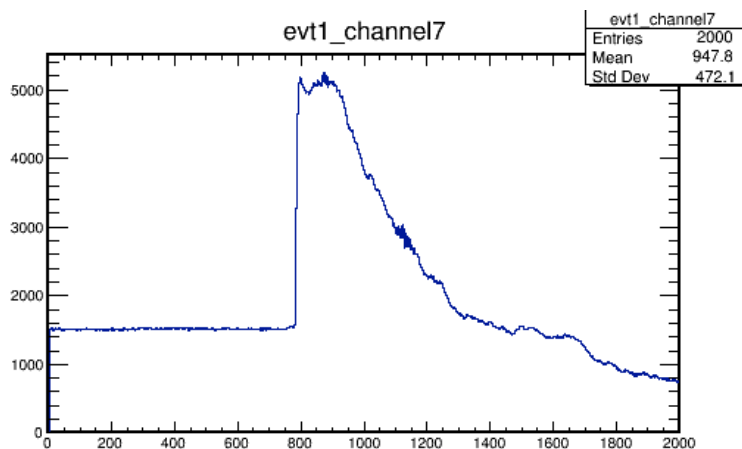


## PD Updates Iceberg run 2B

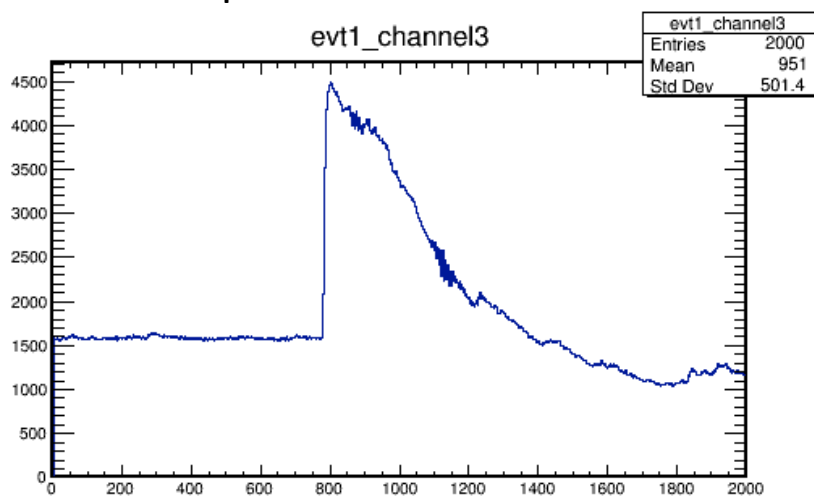
10/03/2019

C. O. Escobar

- SSP has been turned on, it is now integrated into the Iceberg DAQ – thank you to Kurt Biery, Bishu, Wei Mu, Rory, Dante, Bryan (I may be missing people)
- DAPHNE is running and also took data in the last couple of days.
- A glimpse of the SSP data (Bishu):  
X-ARAPUCA



Standard Arapuca



As for DAPHNE here is what Rory says:

*1) we've convinced ourselves that we're operating at an appropriate warm electronics gain setting based on the readout electronics-related noise levels in data taken last week over a range of gain settings and 2) we completed sipm voltage scans over 47.5, 48, and 48.5 V and are in the process of analyzing the data.*

Data was also taken with the SSP with a similar range of bias voltages and additionally a lower BV (42 V). Analysis underway.

Bishu also asked me to add this:

Different run number for different bias voltage scan.

Run Number : 2305, 2306, 2307, 2308, 2309, 2310 [48 volt]

Run Number : 2311, 2312 [48.5 volt]

Run Number : 2313, 2314 [47.5 volt]

Run Number : 2315, 2316 [42 volt]

Data looks good! and we can see some signals.