## **INTT Detector Status**



## 1. INTT detector LV/HV very stable (more than 99% live chips)

- a. ROCs/chips/sensors voltages operate at nominal values
- b. One sensor type-B (south side), and one sensor type-A have no bias (INTT is similar as in the Run-23)

## 2. Cooling flow is very stable:

- a. Flow rate: east 5.80 L/m, and west 5.29 L/M
- b. To achieve this flow level rate extensive work have been done by Rob (new/many filters, better cooling fluid etc...)
- 3. Shift crew is taking cosmic-ray data continuously with DAC0 = 20 and 25 (quick analysis is needed)
- 4. Extensive pedestal data were taken with different DACO values (10, 15, 20, 25, 30)
  - a. Excellent understanding of the detector response
- 5. A little increase of noise essentially in the north side, measered 300 mV between INTT Ground (INTT was OFF) and EmCal ground.
  - a. One of the noise source was laser power at 6 O'clock south side. It was turned OFF
- 6. Request to have lasers power status GUI available for the shift crew prior starting taking data
- 7. We will take more pedestal data for noise evaluation when magnet pole tips will be closed, next week.