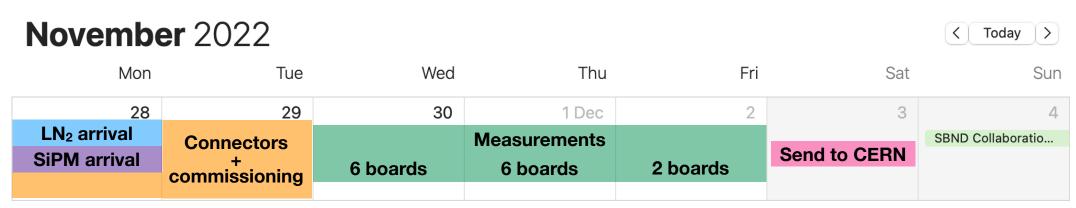
## SOME LABS UPDATES

- 1) SiPMs for protoDUNE-VD arriving on Monday (November 28)
  - -> We will receive 14 flexi-boards (280 SiPMs in total)
  - -> They will be tested in groups of 6 boards per day
  - -> If everything goes as expected we need 2.5 days
  - -> The boards must be at CERN by December 9

Not sure about deliveries the week of December 6 -8 ??

- -> The plan is to finish all the tests by Friday, December 2
- -> Schedule:



## SOME LABS UPDATES

## 2) SiPMs test protocol:

- i) 2 thermal cycles: 3 min gas + 30 min liquid (each cycle)
- ii) IV-reverse curves in LN<sub>2</sub> (during the 2nd cycle): ~ 30 min total
- iii) DCR in LN2 (3rd cycle): 40 min per board (~ 4h)
- iv) Warm test for continuity: ~1h

  Volunteers willing to learn about SiPMs are welcome on Thursday & Friday !!
- -> Same Hamamatsu model we tested in June, same cold & warm amplifiers, so we do no expect major problems.
- -> We will work a +3V OV (VD need), meaning 45V cold, 55V warm

## 3) Others topics:

- -> No news from Criotec Impianti
- -> Gas nitrogen & helium: waiting for a certificate
- -> Pressure regulators in 2 weeks