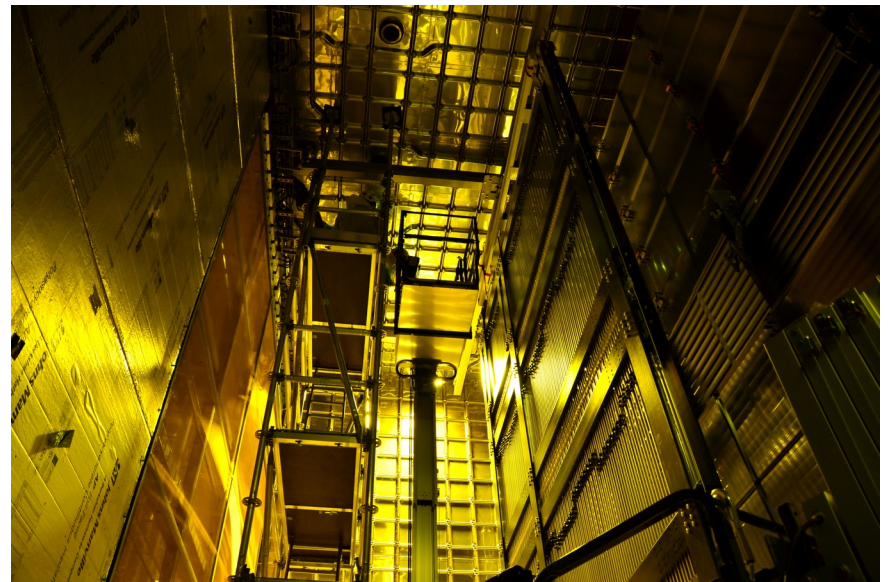
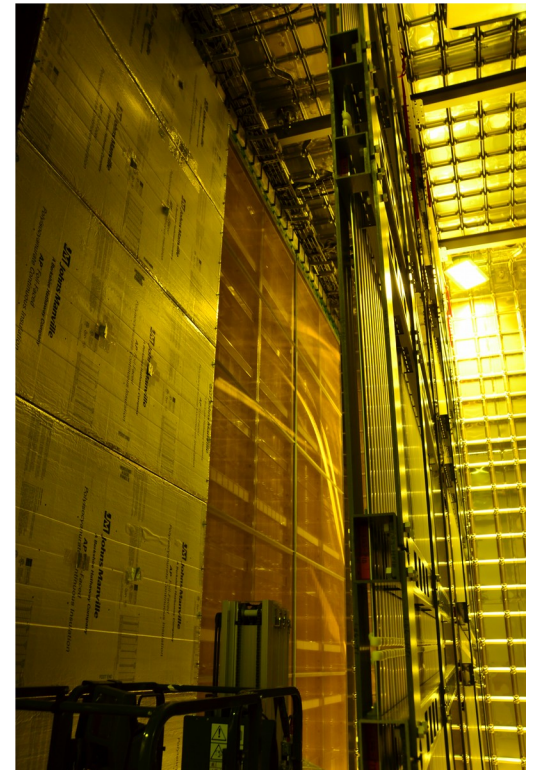
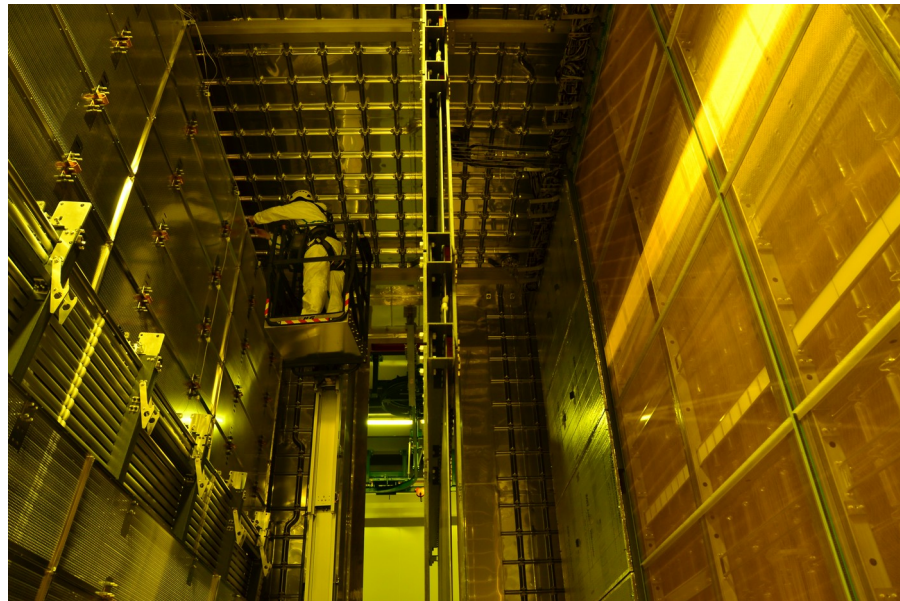


# ***EHN1 status report***

ProtoDUNE-SP ITI Meeting  
April 26<sup>th</sup>, 2018



***We did it!***



26/04/2018

***Well, this was the easy part***

***We have to make it work now***

# ***The path forward***

We have to:

- Complete second drift volume after TCO closing (mid → end of June)
- Install CRT, purity monitors, temperature gradient monitors, HV feedthrough (mid May → end of June)
- Purge, cooldown, fill (July → August)
  - Need to understand if and how to monitor the detector during this period
- **Turn on the detector and make it work stably, smoothly, and noise free (end of August)**
  - Very little time for detector activation and commissioning, we'll need to have a very well defined procedure and all the key and expert people on site and available
- **Beam Run (August 29<sup>th</sup> → November 11<sup>th</sup>)**
  - We MUST make the most out of our little beam time (7.5 weeks) → 24/7 on site shifts and experts 24/7 available
- Cosmic Run (November 12<sup>th</sup> → ....) - more relaxed, but still several tests to be planned and carried out