

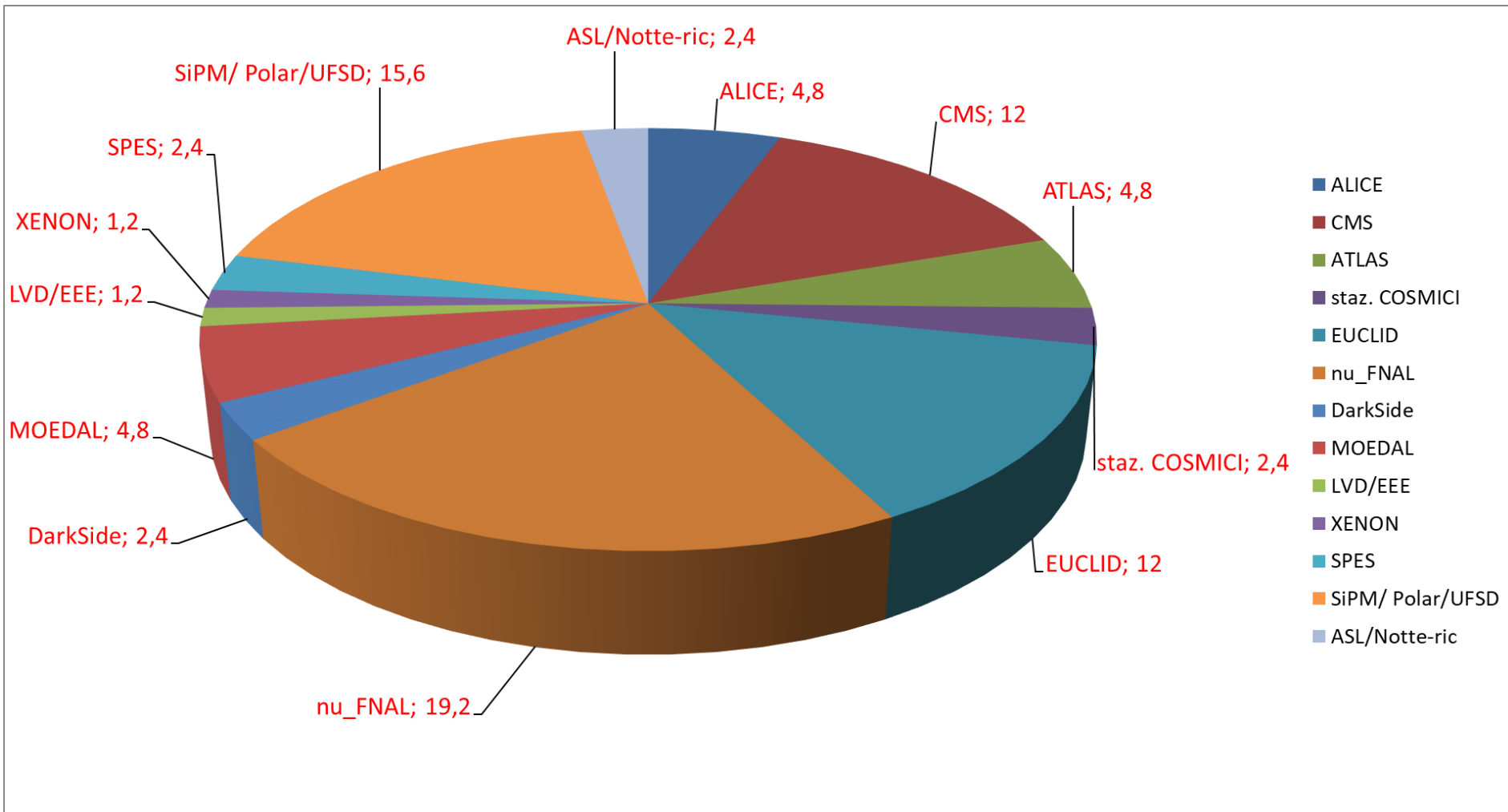
# **Servizio Tecnico Generale**

## **STG**

**2018**

**D. Cavazza**  
**D. Di Ferdinando**  
**A. Flammini**  
**C. Gessi**  
**V. Giordano**  
**G. Masetti (Tecnologo)**  
**V. Togo**  
**C. Valieri**

# Personale vs esperimenti (m.u) 2017



# Alternanza Scuola Lavoro 9-13 Aprile 18-22 Giugno

Antonio Sidoti

S. Marcellini

Daniele Cavazza

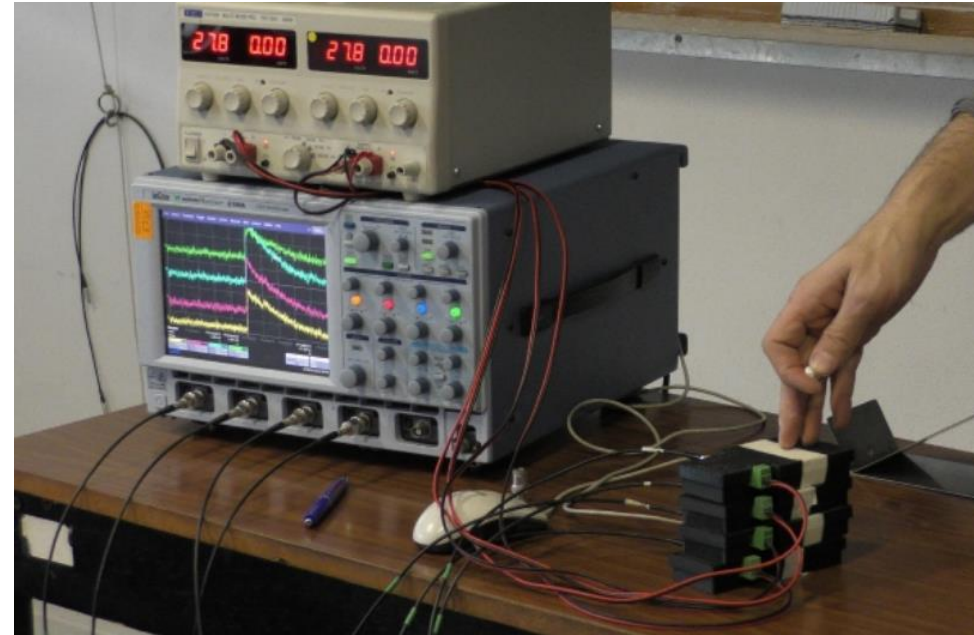
Antonio Flammini

Donato Di Ferdinando

Claudia Patrignani

Silvia Biondi

Matteo Franchini



ez.



# Notte dei ricercatori – Sett. 2017



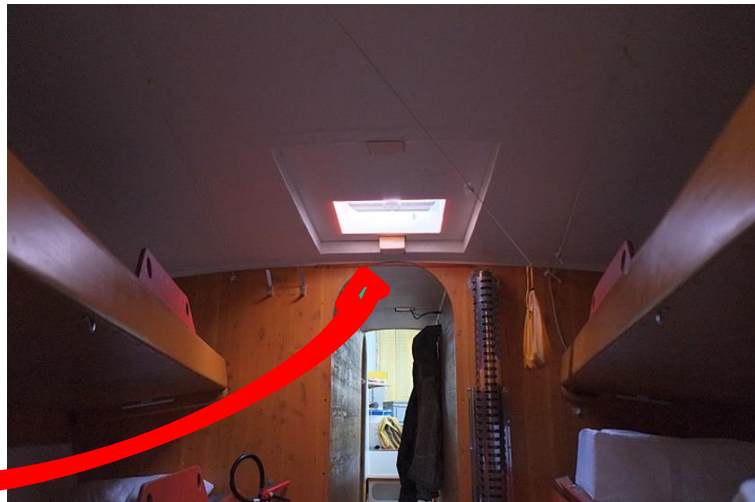
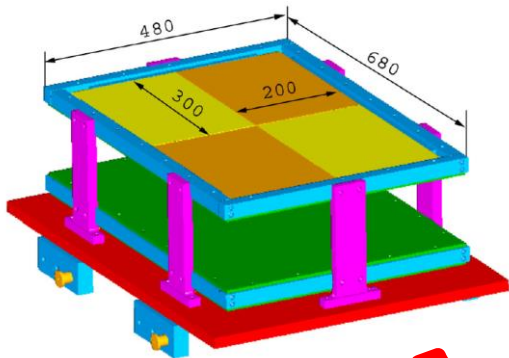


# EEE/Polarquest

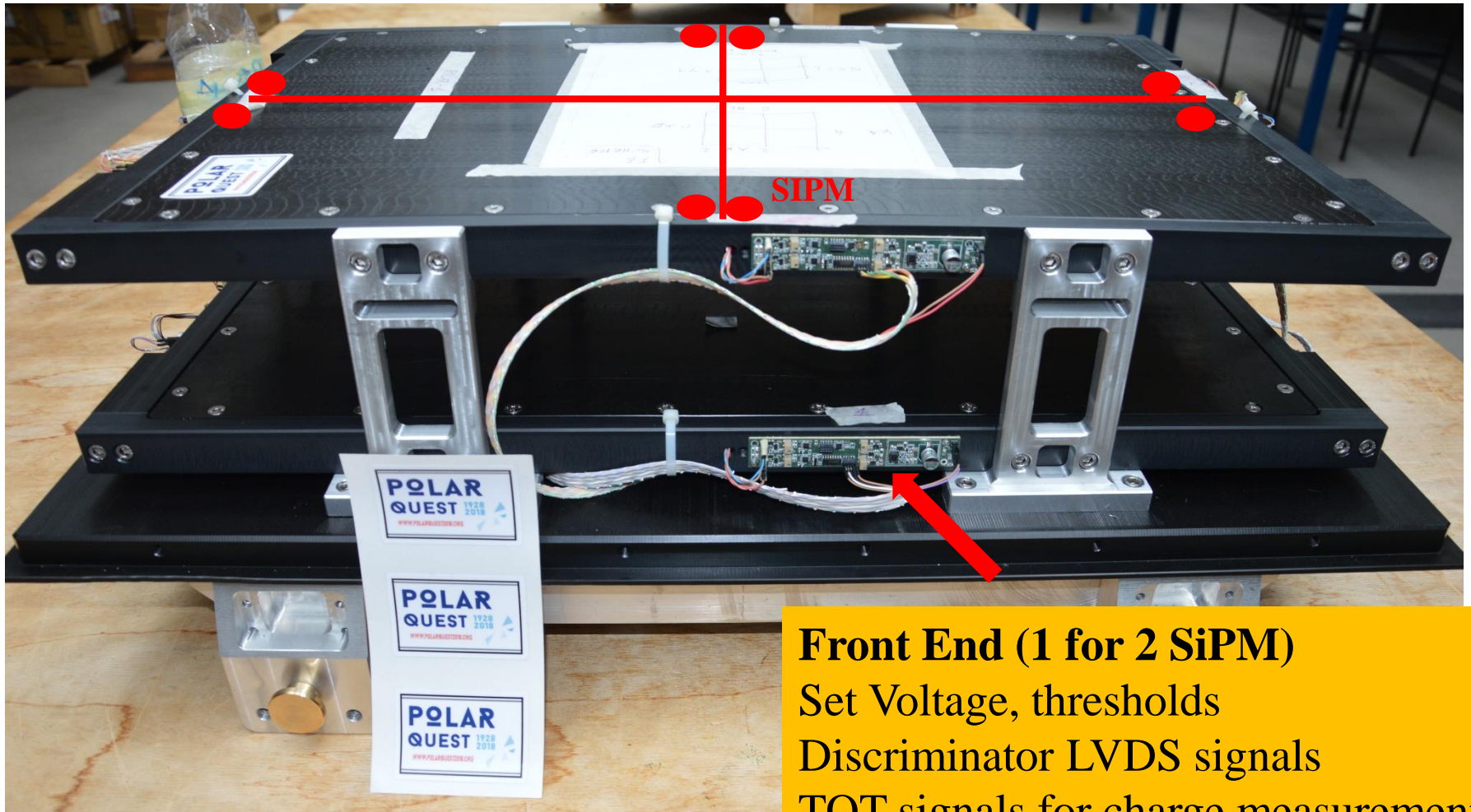


## Polar QuEEEst 1928 – 2018









**Front End (1 for 2 SiPM)**  
Set Voltage, thresholds  
Discriminator LVDS signals  
TOT signals for charge measurement

# The PolarQuEEEst Detector Electronics

Back-up Battery

GPS  
GNSS-Ublox

Sense Hat  
Gyroscope  
Accelerometer  
Magnetometer  
Temperature  
Barometric pressure  
Humidity

Raspberry PI  
Control readout

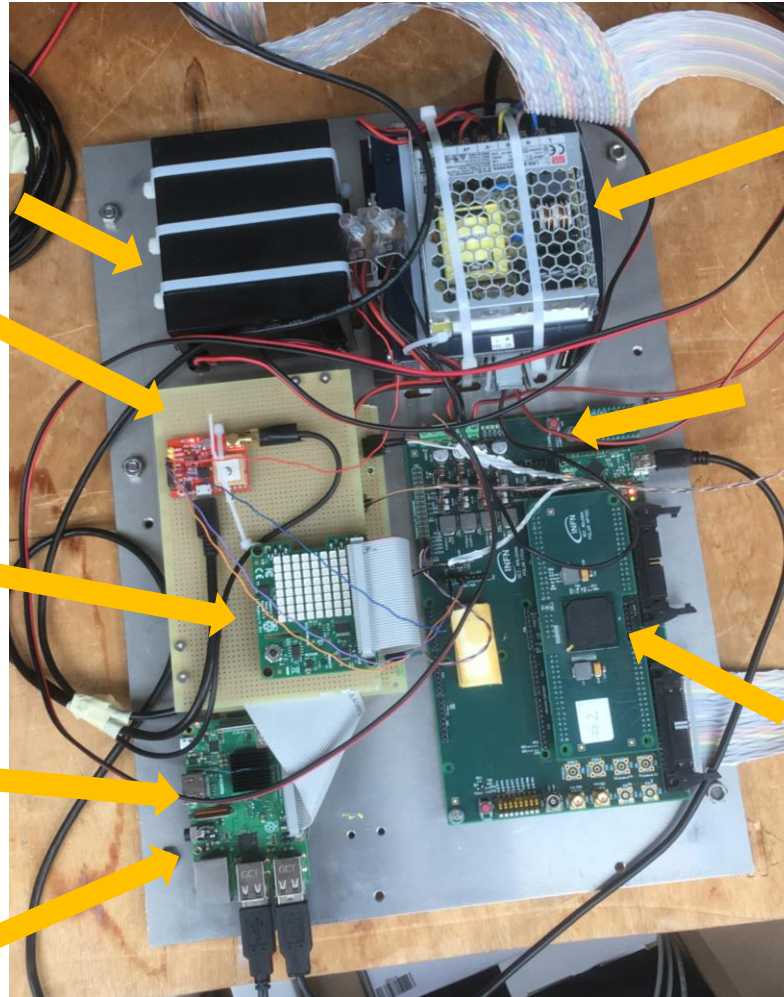
GPS  
GNSS-Ublox

Power box

Readout board  
FPGA Altera Cyclone 5  
For Trigger and TDC readout

HPTDC piggy-back  
for TDC readout

Trigger + Readout + Controls  
12 W power consumption







**CERN : May 22<sup>nd</sup>- May 25<sup>th</sup>**

**23 students at CERN to build the detectors.**

***Italy***

Liceo Marconi Foggia

Liceo Marconi Parma

Liceo Scacchi Bari

Liceo Duca degli Abruzzi Treviso,

Liceo Galileo Ferraris Torino, Liceo

Giolitti-Gandino Bra)

***Norway***

Liceum Horten

Liceum Nesodden

Liceum Sandnes

***Switzerland***

Collège Voltaire Geneve

