

Camilla Forza



Personal information:

- Born in Padova, Italy
- Bachelor's and Master's degree in Physics at the University of Padova
- PhD student of the Tech-FPA, XL cycle
- Mail address: camilla.forza@phd.unipd.it

Languages:

- Italian (Mother language)
- English
- French (Base)
- Japanese (Survival)

Places where to find me the next 3 years:

- Department of Physics and Astronomy (DFA) in Padova
- Laboratori Nazionali di Legnaro (LNL)
- 1 year at Fondazione Bruno Kessler (FBK) in Trento
- 6 months at J-PARC laboratories in Japan
- CERN, randomly

Hobbies:

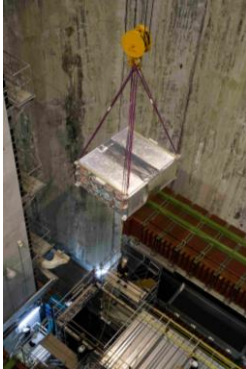
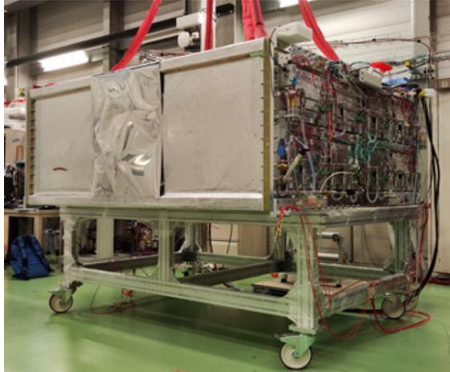
Tennis, ski, hiking

Past & Present

PAST → Gaseous detectors + Neutrino physics

Master thesis: *Characterization and commissioning of two large volume gaseous Time Projection Chambers at CERN and J-PARC laboratories*

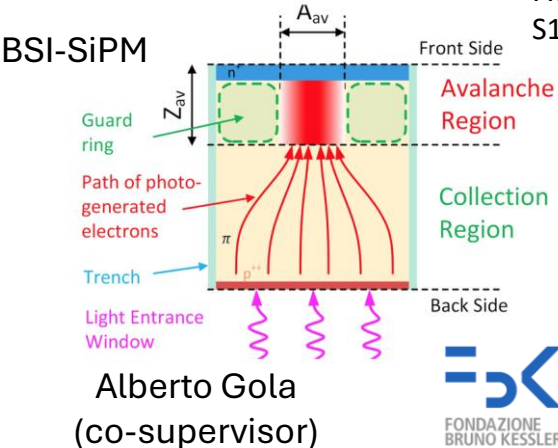
- TPC assembly
- Commissioning with cosmics
- Gas monitoring
- Laser characterization
- Test beam at CERN
- Neutrino run with upgrade detectors



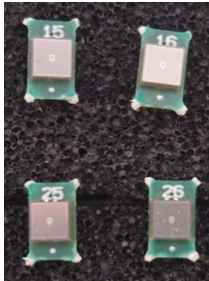
PRESENT → Silicon detectors (+ Gaseous detectors + Neutrino physics)

PhD project: *Study and Characterization of Silicon Photomultipliers with Applications to Large Area Radiation Detectors*

Learn how to develop...



Hamamatsu
S14160-3050HS



+ other 4 types
will be tested



...characterize...

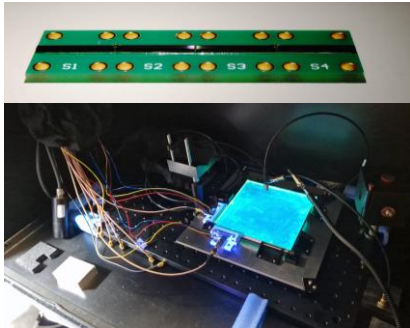


Photo-trap

...and apply



Gianmaria Collazuol (Supervisor),
Mosè Mariotti, Gabriele Simi and
Stefano Levorato