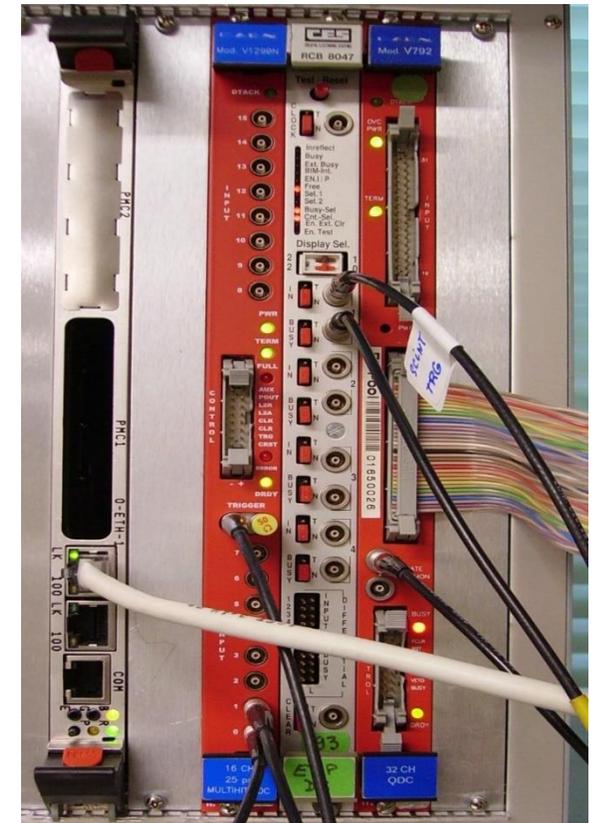
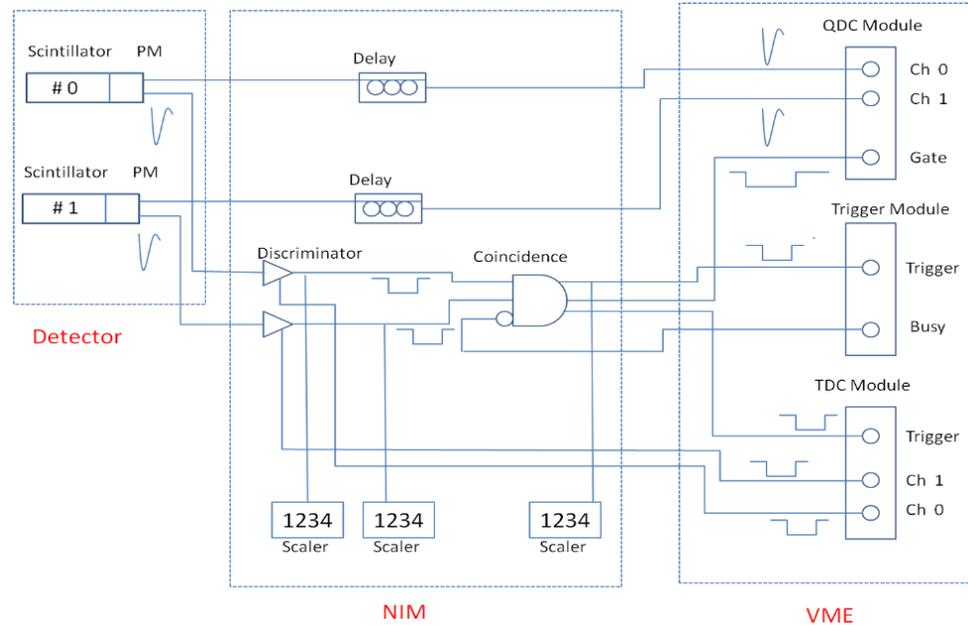
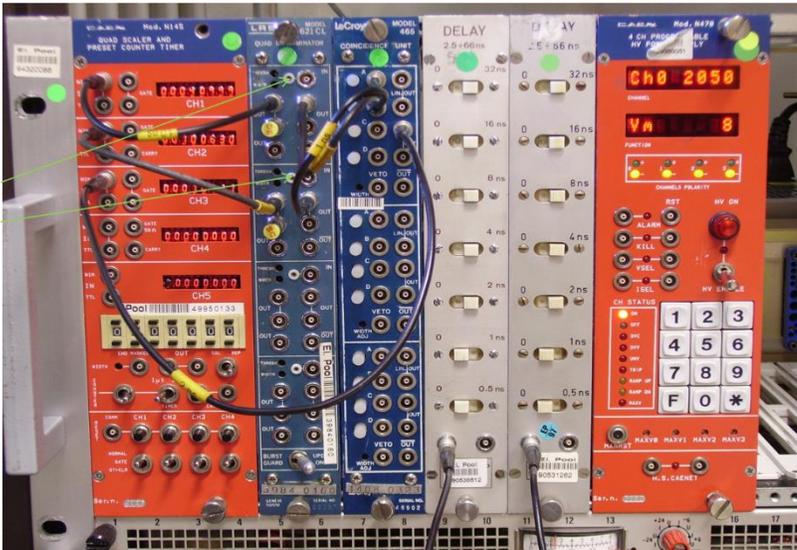
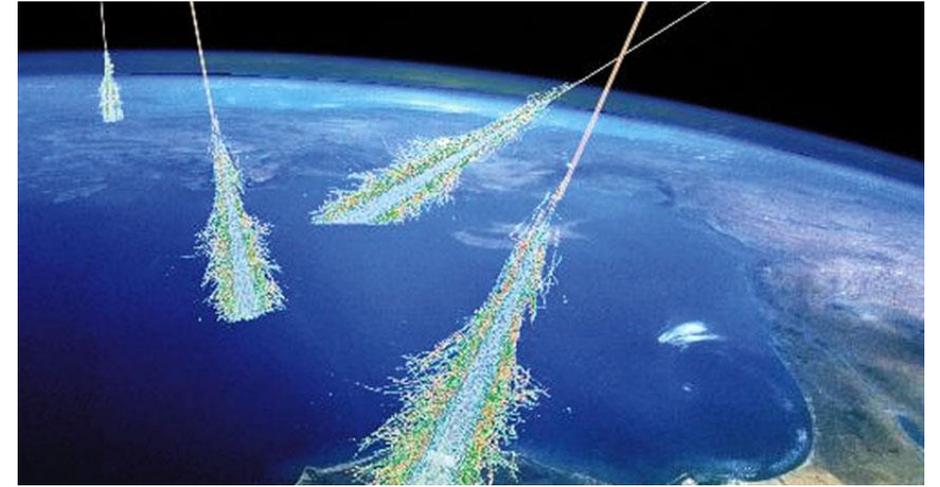


# The 2023 BL4S playground

# The 2023 BL4S playground



# Seriously.....



# What is it?

- There is a set of **detectors and electronics** modules that is very similar to what we have in the control room
  - But you can **play** with it (under my supervision)
  - Learn how the components of a **data acquisition system** work
  - Set up a **trigger**
  - Test some **detectors**
  - Detect **cosmic muons**
  - Develop (if you have the energy) a simple **data acquisition system** yourselves
    - This includes some **C-programming** and reading technical documents
  - Discuss the design of the **magnet kinematics**
- There is also a competition and you can **win a prize**



# How is it organized?

Opening hours: By appointment (contact me)

Maximum occupancy: 5 students

Location: 11-R-14

Your priorities:

1. Data taking shifts
2. Data analysis
3. Having fun (e.g. sightseeing in Geneva)
4. Coming to the playground

