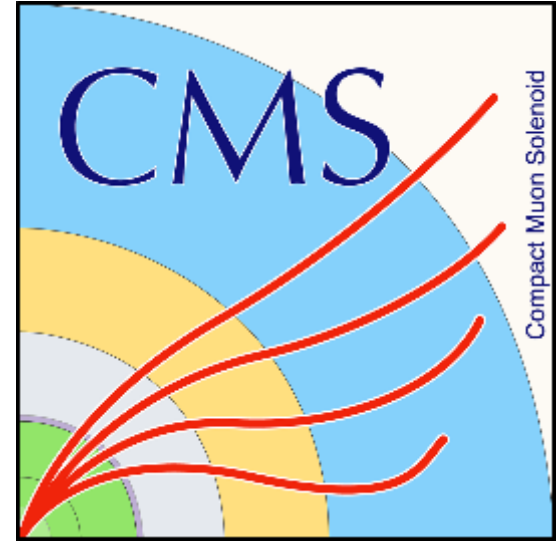


# CMS and LHCCreate

By Ingrid and Frida



LHCCreate

Why we do what we do at CERN

# LHCreate

- What is it?
- How did we contribute?



A poster for the LHCreate workshop. The title "LHCreate" is at the top in a green, stylized font. Below it, the text reads "WHY WE DO WHAT WE DO AT CERN?", "A TWO-DAY WORKSHOP", and "TO CHALLENGE YOUR IMAGINATION". The dates "16-17 NOVEMBER 2017" are prominently displayed. The central image is a large, green, textured shape resembling a brain or a complex structure, with several concentric green circles overlaid on it. At the bottom left, it says "LIFE &amp; SCIENCE!". At the bottom right, it says "informations &amp; registrations: cern.ch/lhcreate". The footer contains logos for ATLAS, CMS, LHCb, and other CERN experiments, along with a bus icon and the logo for Pori.



# CMS

- Compact Muon Solenoid
- Where is it located?
- The collaboration
- Our assignment



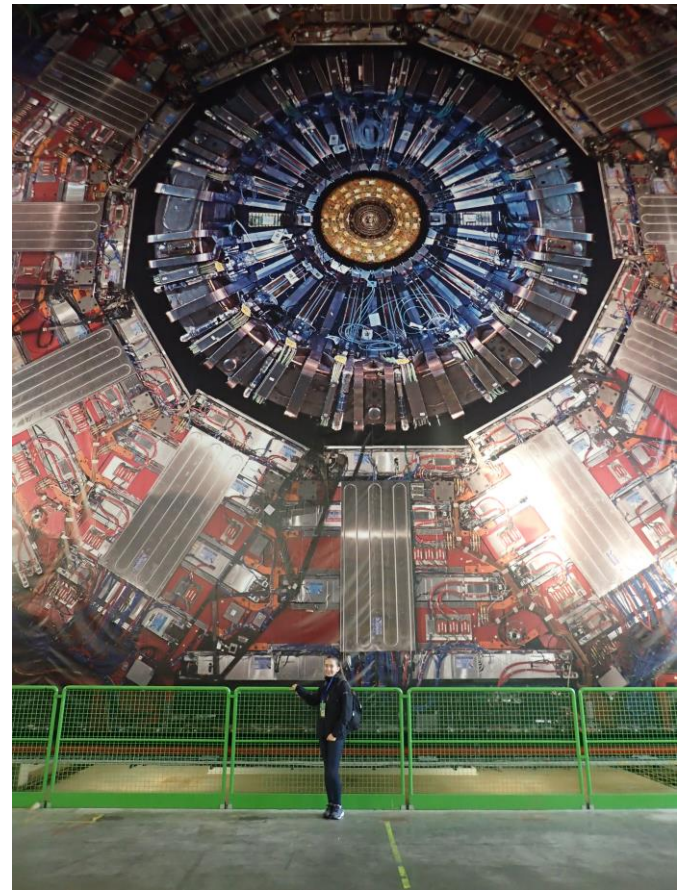
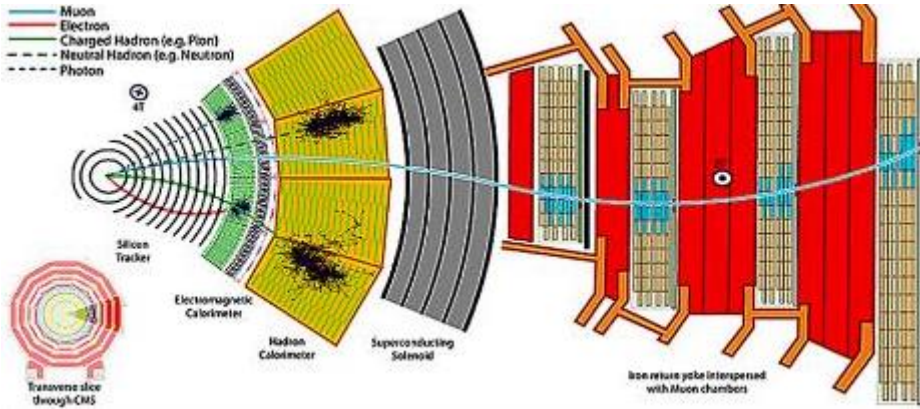
# CMS control room





# The detector

- The scale
- The different layers



# The service cavern

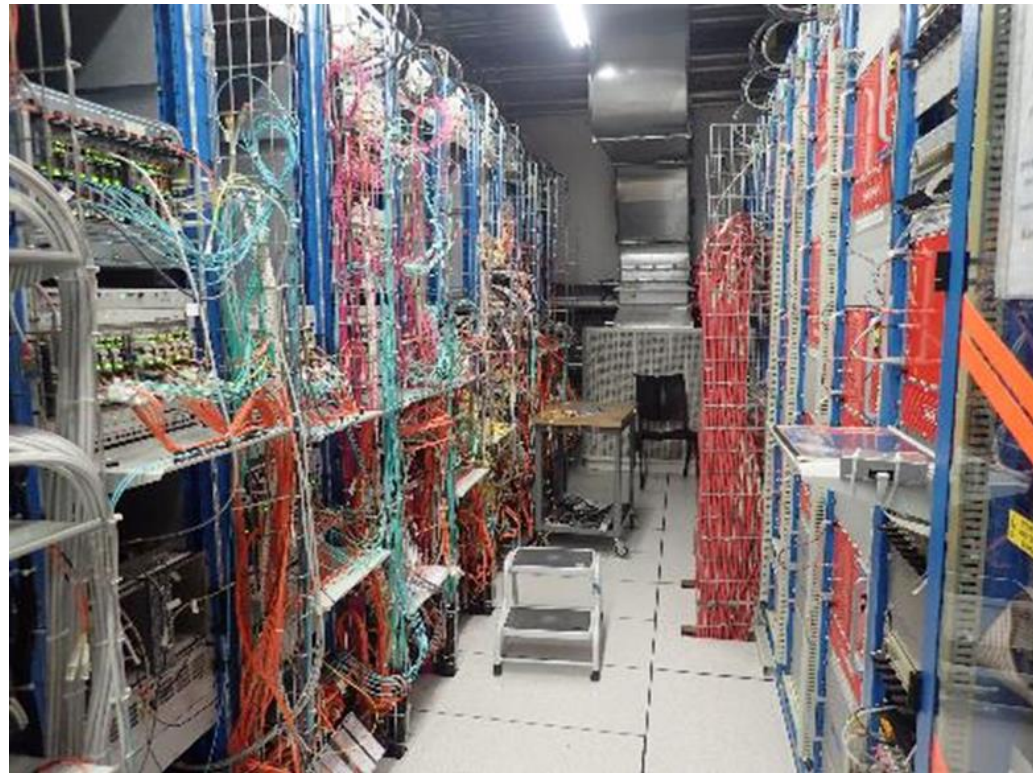












# CERN

- The future of CERN
- CERNs future challenges
- Advice for future HSSIP students



