

# Students of CUT in the Cooling Team

- An “adventure” started 3 years ago and growing
- Story, some statistics and examples of jobs in the following talks
- The PH-DT Cooling Team: a real team of typically 10-12 people, all young (*well, maybe except for a couple of us... ☺*) and all motivated
- Activities of the Team:
  - 1.CO2 cooling systems for detectors
  - 2.Detector thermal management through micro-structured silicon plates
  - 3.Novel optical fiber sensors (in particular for humidity)

Three years of hands-on cooperation with CUT students on:

Controls  
Plant design and commissioning  
Mechanics

# Students of CUT in the Cooling Team

Why are we happy of what we get?

- We get students with a sound and wide engineering background
- We get students committed to learn and oriented to problem-solving
- We get students that are not scared of putting their hand on something
- We inject motivated manpower in the team

# Students of CUT in the Cooling Team

Why do we believe that what we offer is worth the travel?

- You get hands-on training on real-life engineering problems
- You are assigned a project where you can take responsibility
- You are supervised by highly competent and experienced engineers
- You join a young multi-disciplinary team
- You get an international experience that only few young engineers can have the chance to live

# Students of CUT in the Cooling Team

We strongly believe this is a good example of win-win programme

Your colleagues kept very high the name of CUT at CERN

Listen carefully to the coming presentations

You might be one of the next CUT students joining our team!