

## Questions to the film on accelerator for my grandma

Find answers to these questions in the film:

- Where do the particles come from?
- What is done to them to prepare them for acceleration?
- Which type of field is used to accelerate?
- How much is 1 eV?
- At which speed do they enter the Booster?
- What happens to the electric/magnetic fields when you accelerate in the Booster
- What is the size of the Booster with respect to the PS
- What is the circumference of the LHC?
- How big is the current in an LHC magnet?
- What is the revolution frequency in the LHC?