- 2) The experiments, general detector properties etc.. (45') Szymon Gadomski, UGE
  - In this talk: •
  - collider experiments (the "onion" structure)
  - requirements of the LHC
  - the four LHC experiments •
  - why four, the differences
  - online selection and computing needs
  - flow of data analysis, data formats •
  - the analysis process:

    - unpredictability, iterations
      an example of "detector understanding" in early LHC data
  - some early results

## In other talks:

- physics program of the LHC (Christoph) :
- the parameters of the LHC machine, status and plan of the LHC (Michele)
- the ATLAS computing model, what data goes where (Marc)