

Literature

Large parts of this lecture are also based on lectures previously given by Ingrid-Maria Gregor, Roman Kogler, Alexander Schmidt and Georg Steinbrück at Hamburg University.

→ **Many thanks!**

These notes: <http://www.desy.de/~schleper/lehre/> (recently discovered particle)

Introductory material:

- Physics 5 lecture, literature therein and section 6 on detectors, http://www.desy.de/~schleper/lehre/physik5/WS_2016_17/Physik_5_AllInOne.pdf

Text books

- H. Kolanoski, N. Wermes: Teilchendetektoren
- K. Kleinknecht: Detectors for particle radiation
- C. Grupen: Particle detectors
- W.R. Leo: Techniques for nuclear and particle experiments
- T. Ferbel: Experimental >Techniques in high energy physics

Web links:

- Particle data group: http://pdg.lbl.gov/2017/reviews/contents_sports.html
then look for „Experimental Methods and Colliders“