



Contribution ID: 5

Type: **not specified**

## Recap of Introductory course II

*Monday 11 November 2024 14:30 (1 hour)*

The Advanced General CAS course is thought to be the continuation of the Introductory Course, which is held every year. Some of the students might not have had the chance to assist to this course and therefore on the first day a two hours recapitulation is foreseen. The main focus of this recapitulation is the theoretical description of particle motion in electromagnetic fields. Since the longitudinal motion is treated an an extra two hours recap, the main focus of this presentation is transverse beam motion, mathematical models, different accelerator types and collective effects.

Accelerator technologies are only treated in a summary approach.

**Presenter:** SCHMICKLER, Hermann