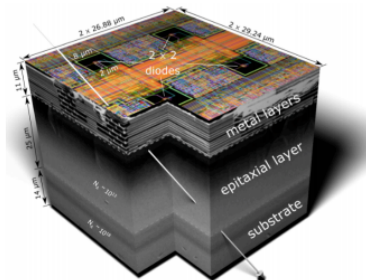
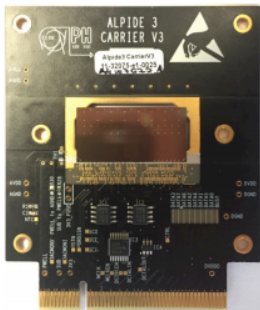
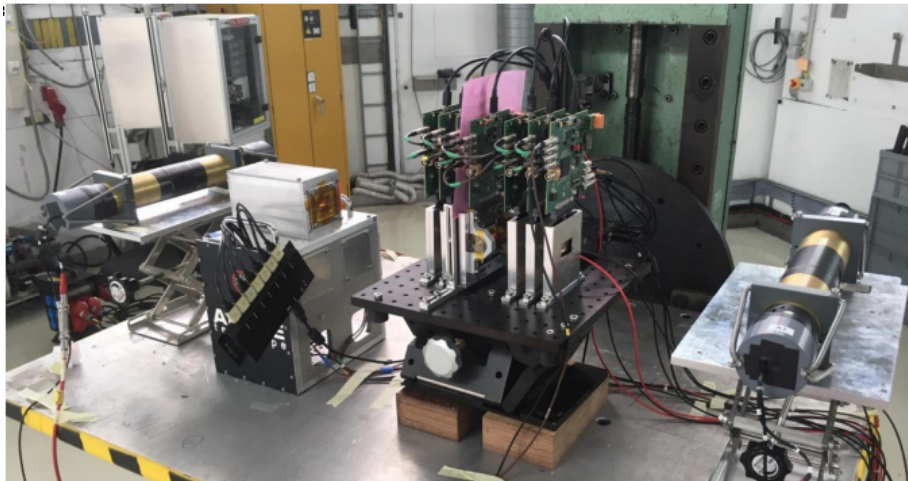


# ALPIDE

- ALicePixelDEtector
- Monolithic Active Pixel Sensor (MAPS)



# The ALPIDE Telescope



# Studies with the ALPIDE Telescope

## Cosmics

- Event Plotting

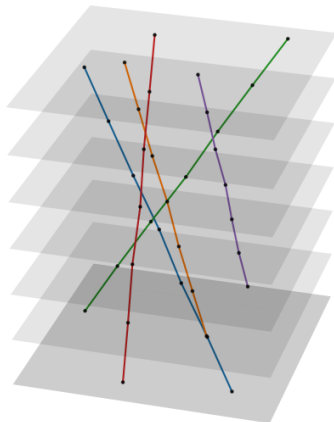
- Trying to create nice Looking (correctly scaled) 3D- Plots of cosmic tracks
- Writing an Event organizer for the huge amount of measurements performed

- Track analysis

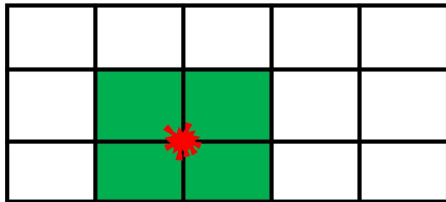
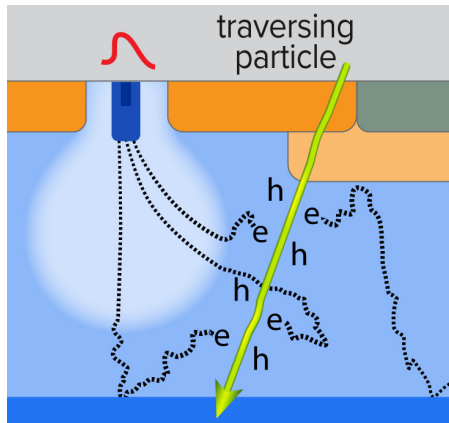
- Fitting lines to cosmics to determine valid and invalid tracks
- Analyzing angular distribution
- Comparison with Theoretical calculations

- Plane Alignment

- Using Tracks to align the Telescope based on cosmic data
- Comparing results to Testbeam Data from 2019 and 2020
- Investigating differences in alignment after Transport



# Studies with the ALPIDE Telescope



# Studies with the ALPIDE Telescope

