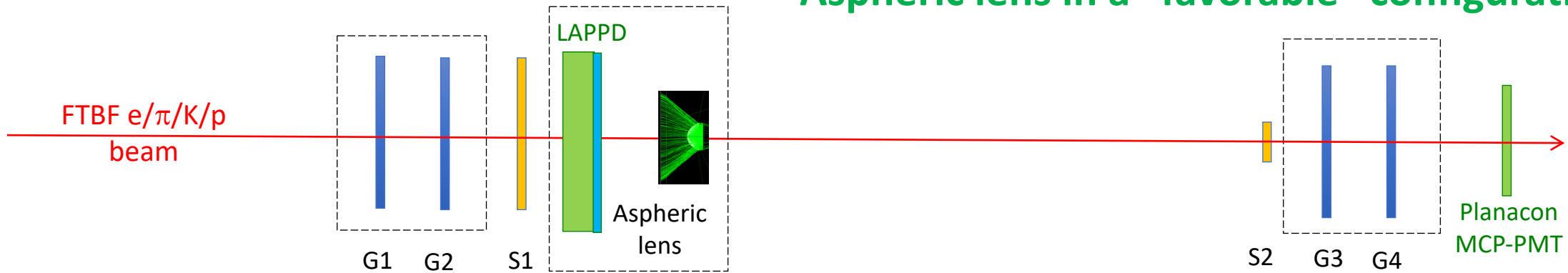
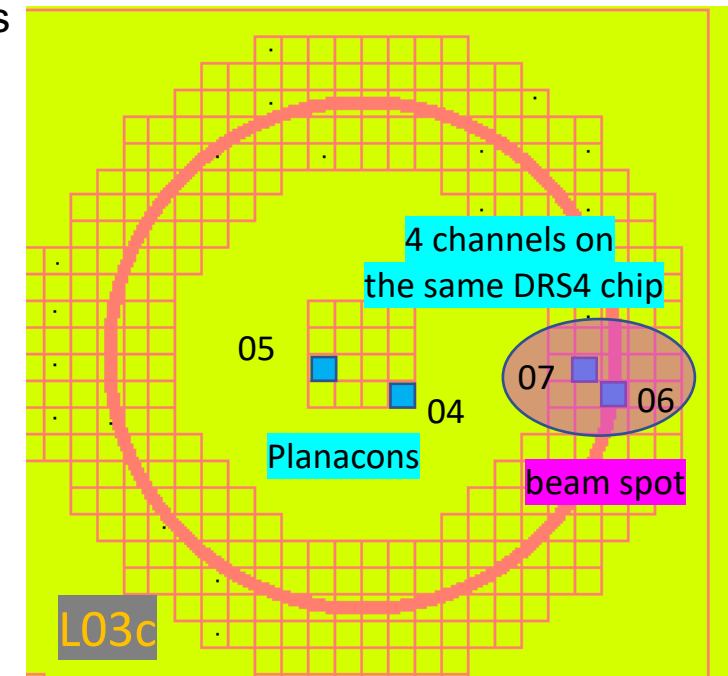


# Last night update

## Aspheric lens in a “favorable” configuration



- Imaging part of the program:
  - Observed blurred, asymmetric, but well-populated rings produced by the aspheric lens
  - Installed the acrylic filter, at an expected cost of ~80% p.e. yield loss
  - Since then, cannot see a convincing ring picture any longer
- Timing part of the program (p.e.'s from the LAPPD window):
  - CaF<sub>2</sub> radiators arrived and were installed on both Argonne Planacons
  - After re-alignment observe few hundred mV signals on a “good” Planacon
  - “Procedural” residuals between channels 06 & 07  $\sigma \sim 30\text{ps}$
  - Relative timing [06  $\rightarrow$  04] to the working Planacon only  $\sigma > 120\text{ps}$
  - The second Planacon shows very poor performance



# Action items for today

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- Imaging part of the program:
  - Find what seems to be a bug in the setup
  - Make sure the beam line Cherenkov readout provides meaningful spectra
- Timing part of the program:
  - Try to arrange  $>1$  synchronous beam line particles as a timing reference
  - Look at the single photon correlated timing signals