

# ARES Testbeam Dec '23

## Preliminary Status Update

Antonios Athanassiadis, Louis Helary, Luke Hendriks, Ruth Jacobs, Evan Ranken, Ivo Schulthess  
and the ARES team

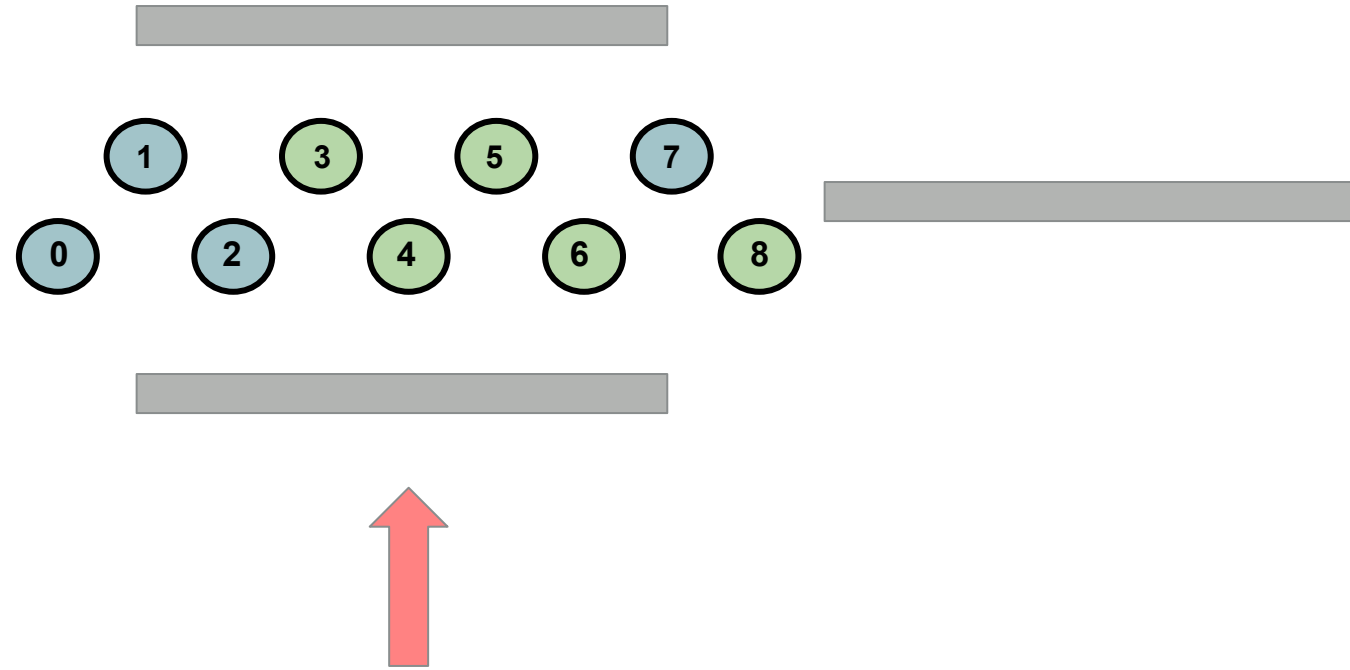
LUXE Weekly Meeting 07.12.2023

HELMHOLTZ



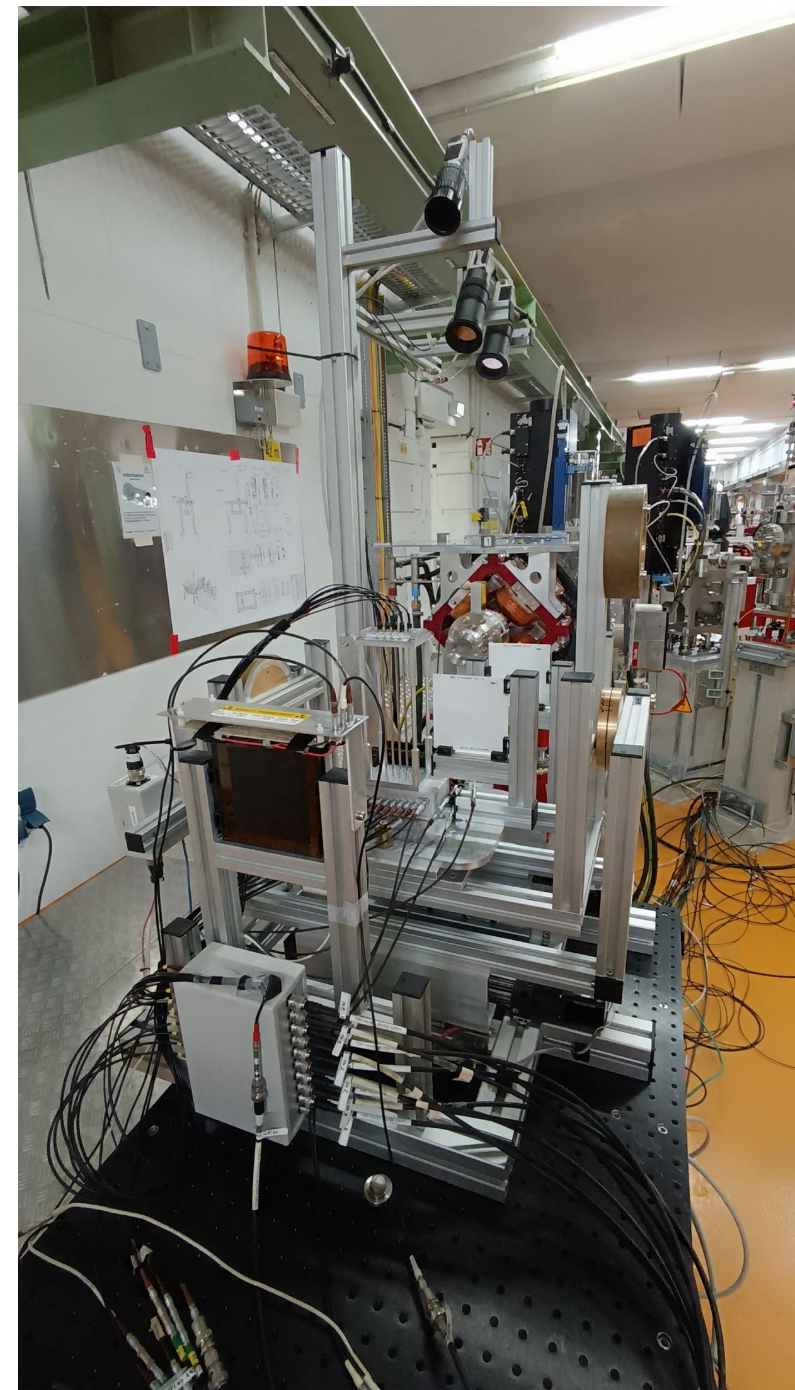
# Setup

- 9 straws
- 2 SiPM types (fixed positions)
- 3 screens & cameras
- 3 different screen types (will be exchanged)
- Motors for movements perpendicular to beam and tilting angle
- 2nd screen movable to straw positions

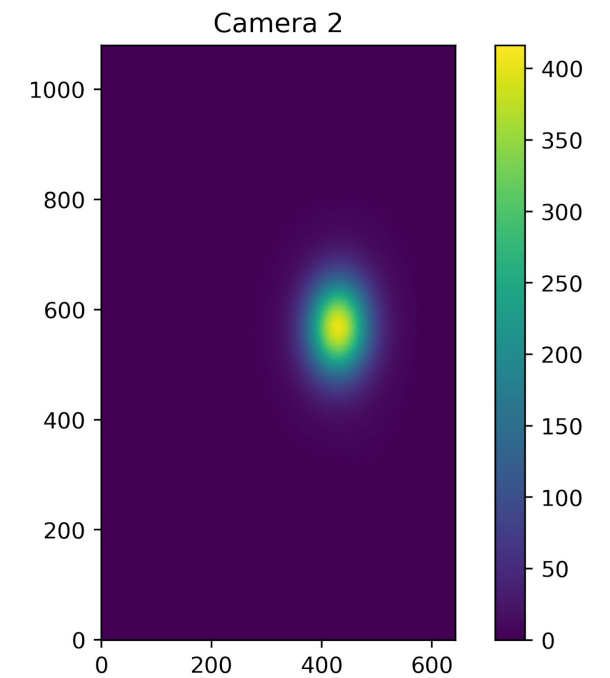
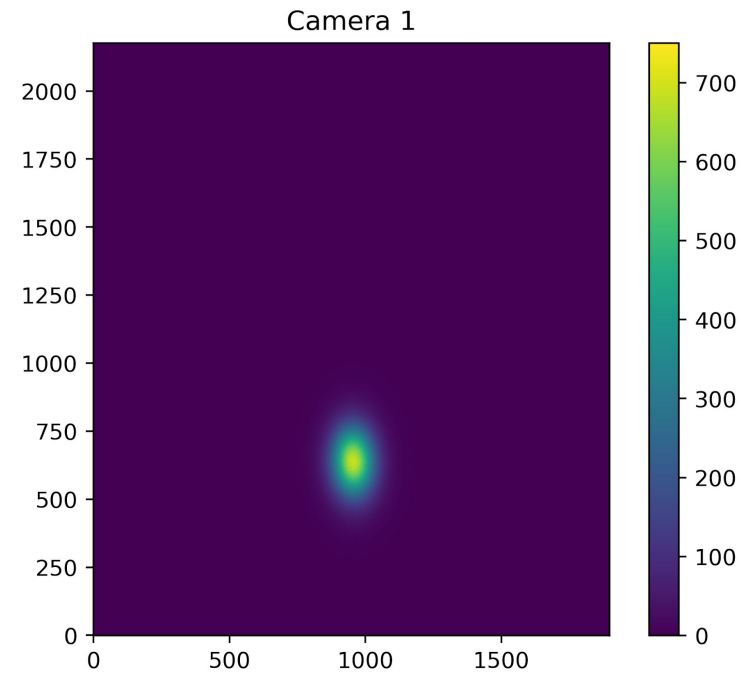
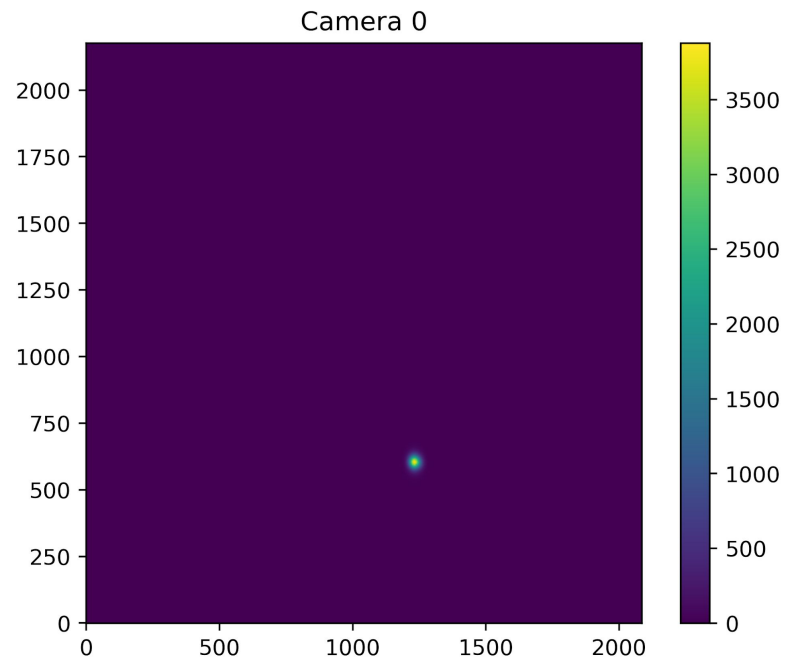


# Setup

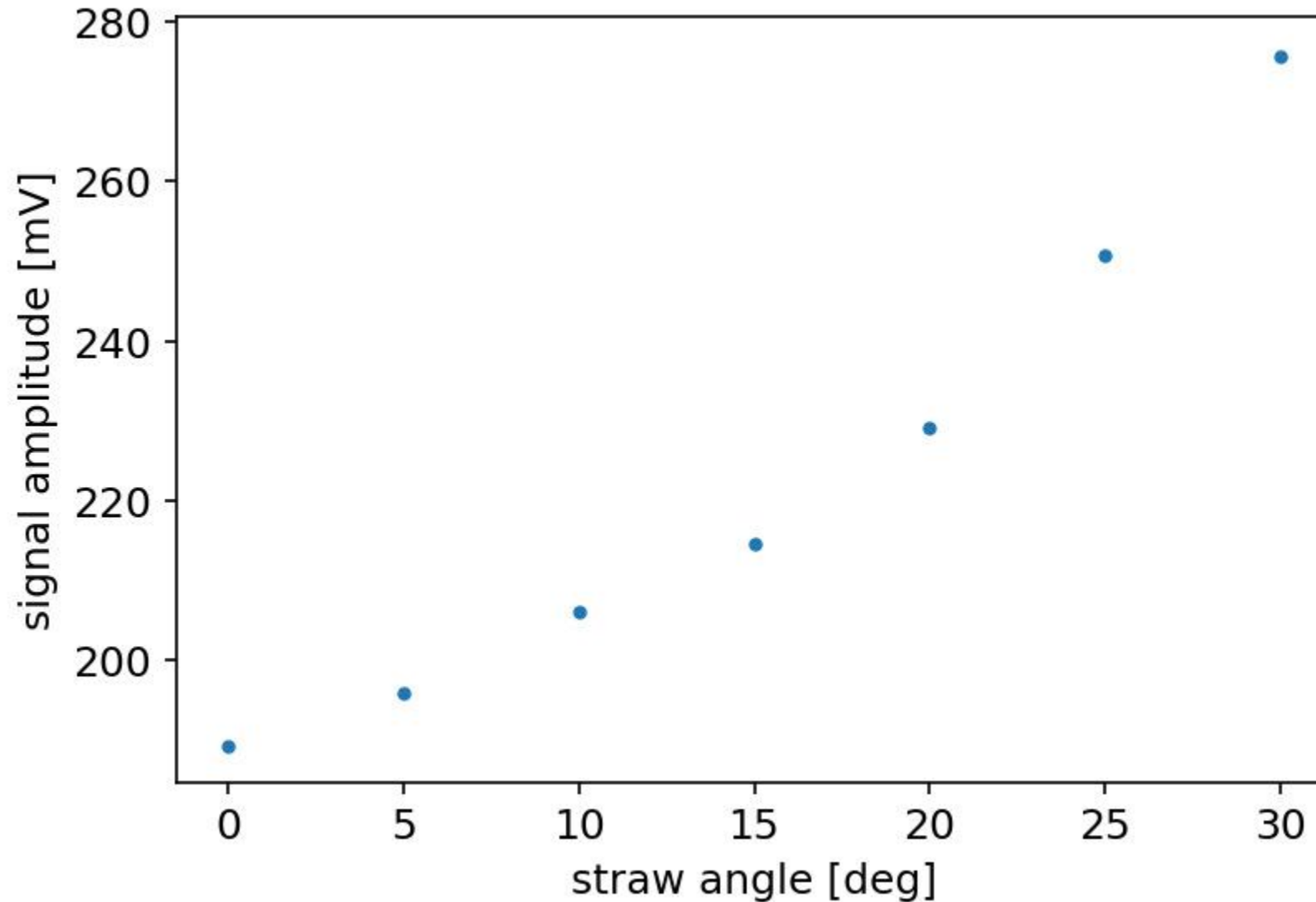
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# Screen images – 108 pC bunch charge – run 113



## Angle scan – 108 pC – full-on straw 4 (center) – runs 220-226



## Position scan – 108 pC – 0.5 mm steps – runs

