

A detailed wireframe model of a particle accelerator, showing a large circular ring structure in the foreground and a complex network of smaller structures and tracks in the background.

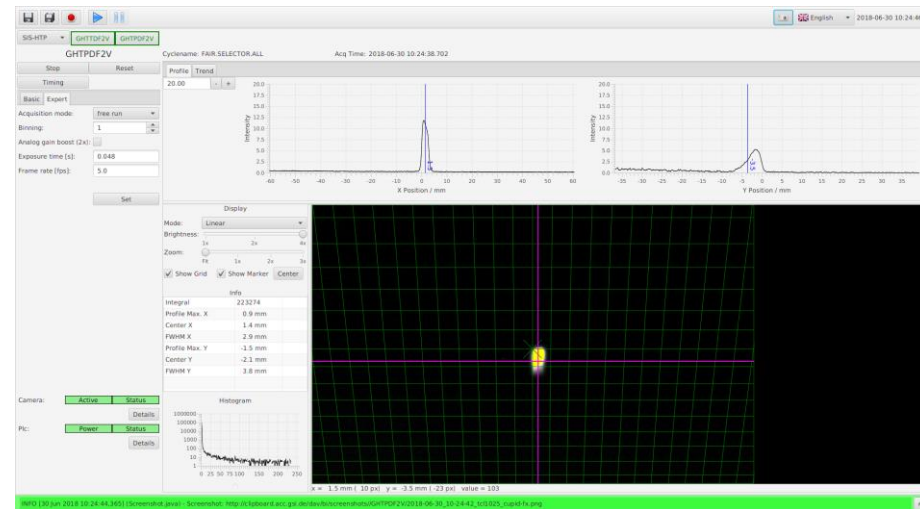
HEST now \pm 2 years

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2nd ACC Leadership Retreat
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- What has been achieved in the last two years?
- Perspective for the next two years.

Last 2 years

- Control system upgrade:
 - Hierarchy in LSA (B. Schlei).
 - All optics in LSA .
- HADES beam line upgrade:
 - large aperture vacuum chambers.
 - instrumentation: Beam Loss Monitoring system, veto counters, additional intensity measurements.
- First tests with beam in June/July:
 - beams to HHD, HTP – okey.
 - beams to HADES, HTD – tried but not yet successful.



Next 2 years

- Instrumentation upgrades:
 - CCC installation
 - „mini-CBM“ diagnostic chamber
 - digitization of scintillating screen cameras (CUPID)
- Measurements of beam line optics and SIS extraction parameters.
- Improve documentation!
- Vacuum control upgrade to FAIR standards (2021?)
- New beam dump line:
 - needed for parallel operation FRS with dump.
 - cost ~3 MEuros?
- Need a bit of support (one more person dedicated to HEST).

