



PXD Slow-Control for BEAST II



Michael Ritzert
michae.ritzert@ziti.uni-heidelberg.de
6th Belle II PXD/SVD Workshop
Pisa
01.10.2014

- The big picture for BEAST SC:
 - No detector-wide SC integration, but EPICS/CSS used throughout.
 - Triggerless, stand-alone operation.
- For BEAST II Phase 1:
 - Only few env. monitors under PXD control.
 - If available: Integrate our SC into the „global“ EPICS/CSS system.
- For BEAST II Phase 2:
 - Small version of the final system
 ⇒ „small“ version of the final SC system.
 - Same services (archiver, alarms, ...) running.
 - But less channels
 ⇒ less computing resources needed.
 - Current plan: Arrange for SC servers to be available in Tsukuba when first PXD hardware arrives (early 2016).
 - O(1 year) time should be enough to have a stable system already for BEAST II phase 2.

Thank you!