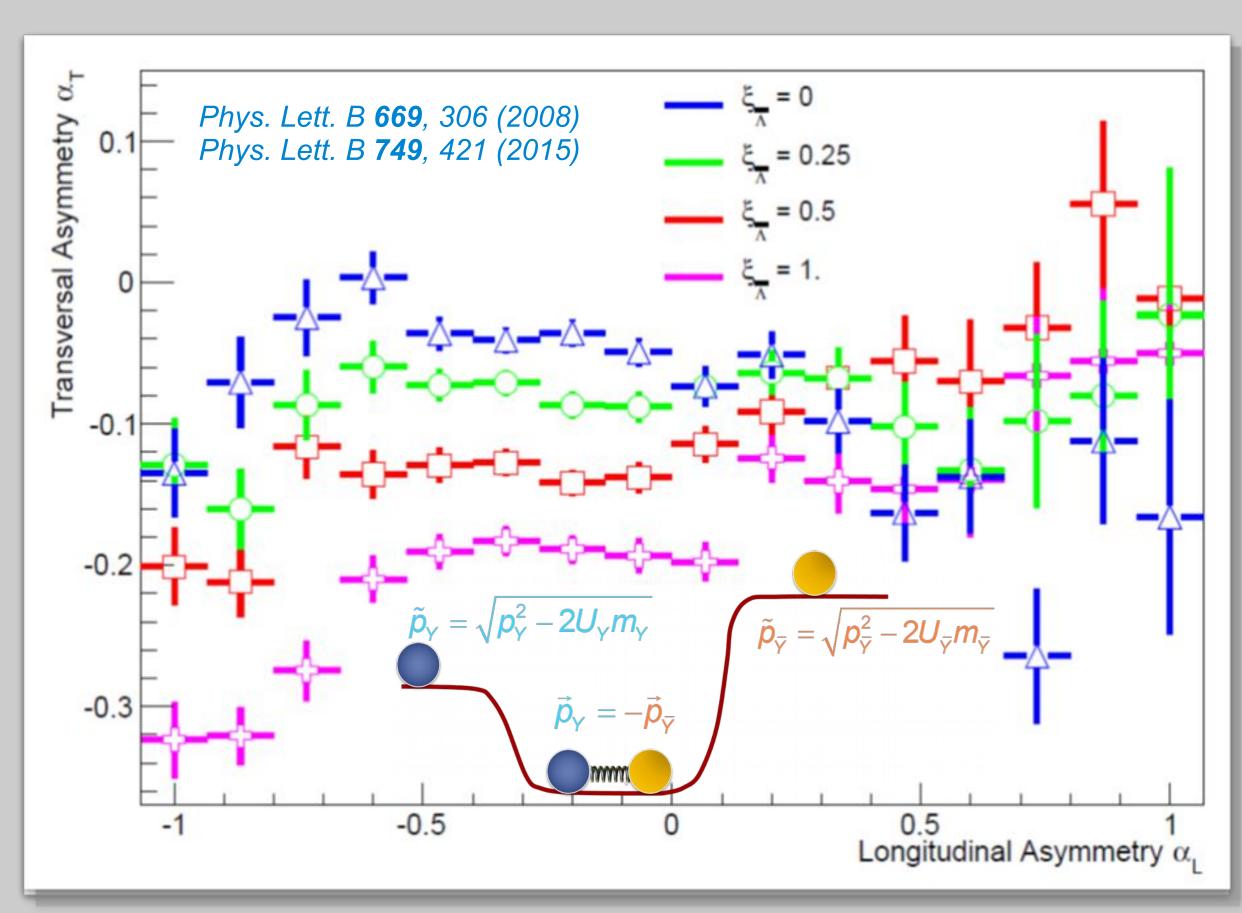
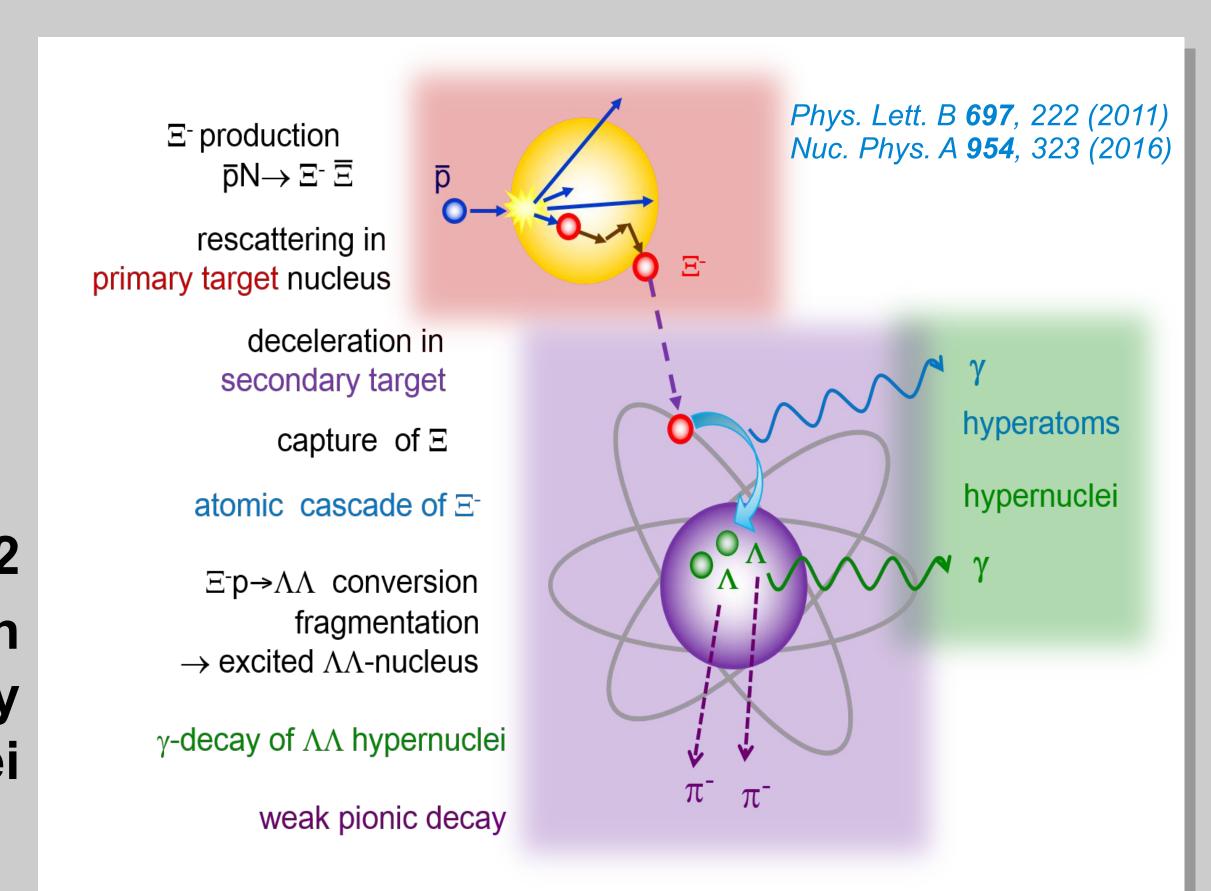
SPECF - The Strangeness Nuclear Physics Program at PANDA

Physics topics

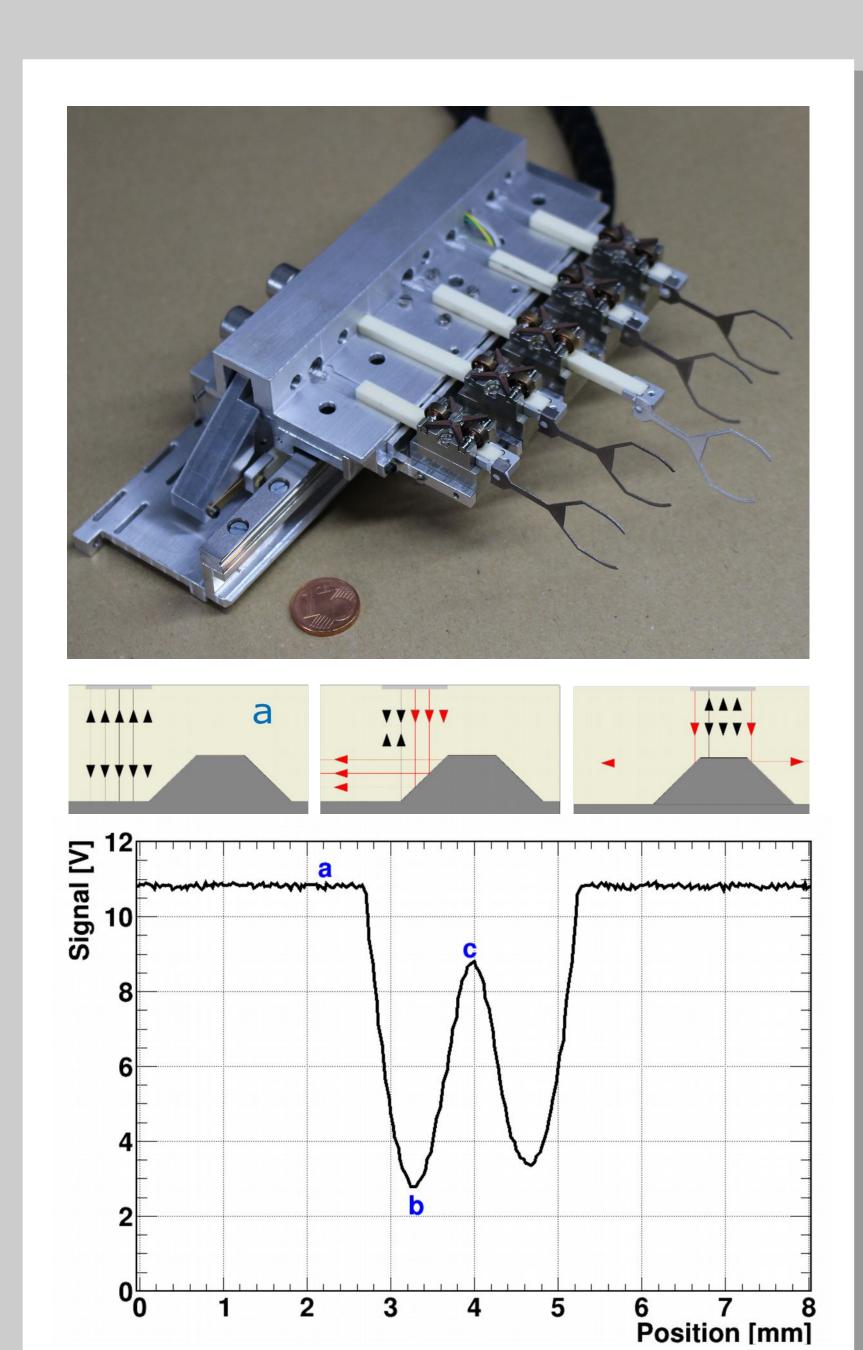


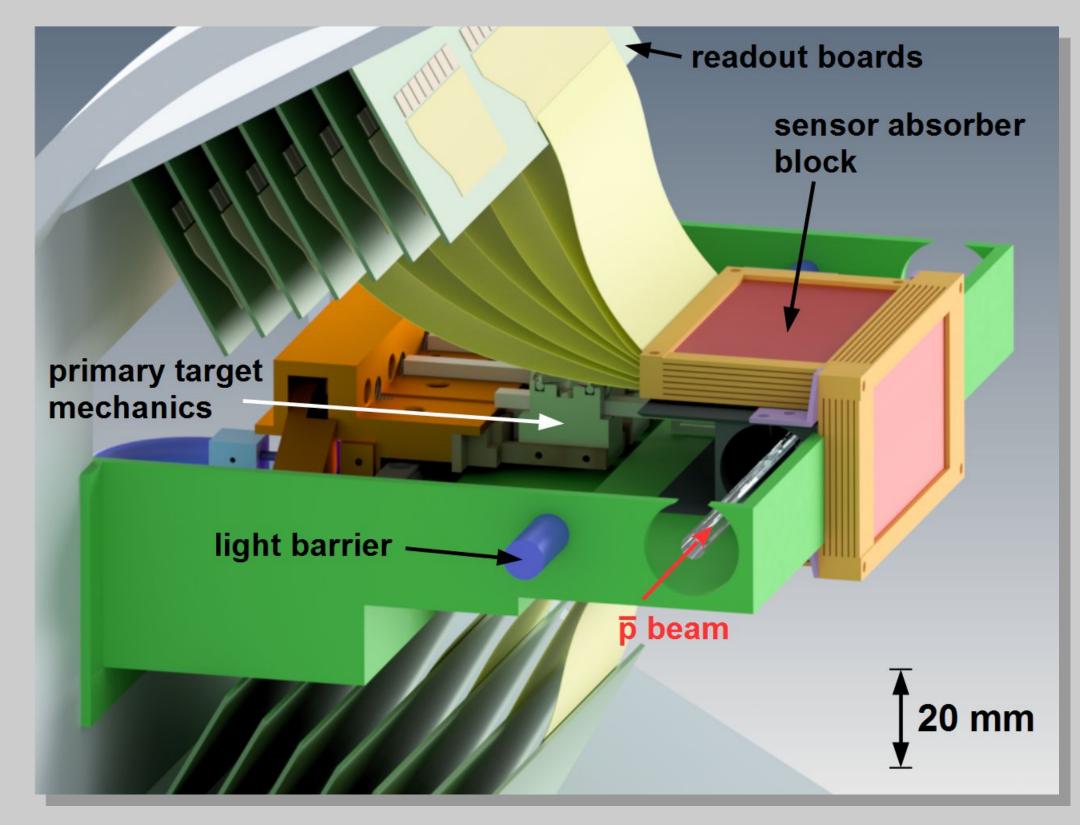
Phase 1 First study of antihyperons in nuclei

> Phase 2 **High-resolution** γspectroscopy of ΛΛ-hypernuclei



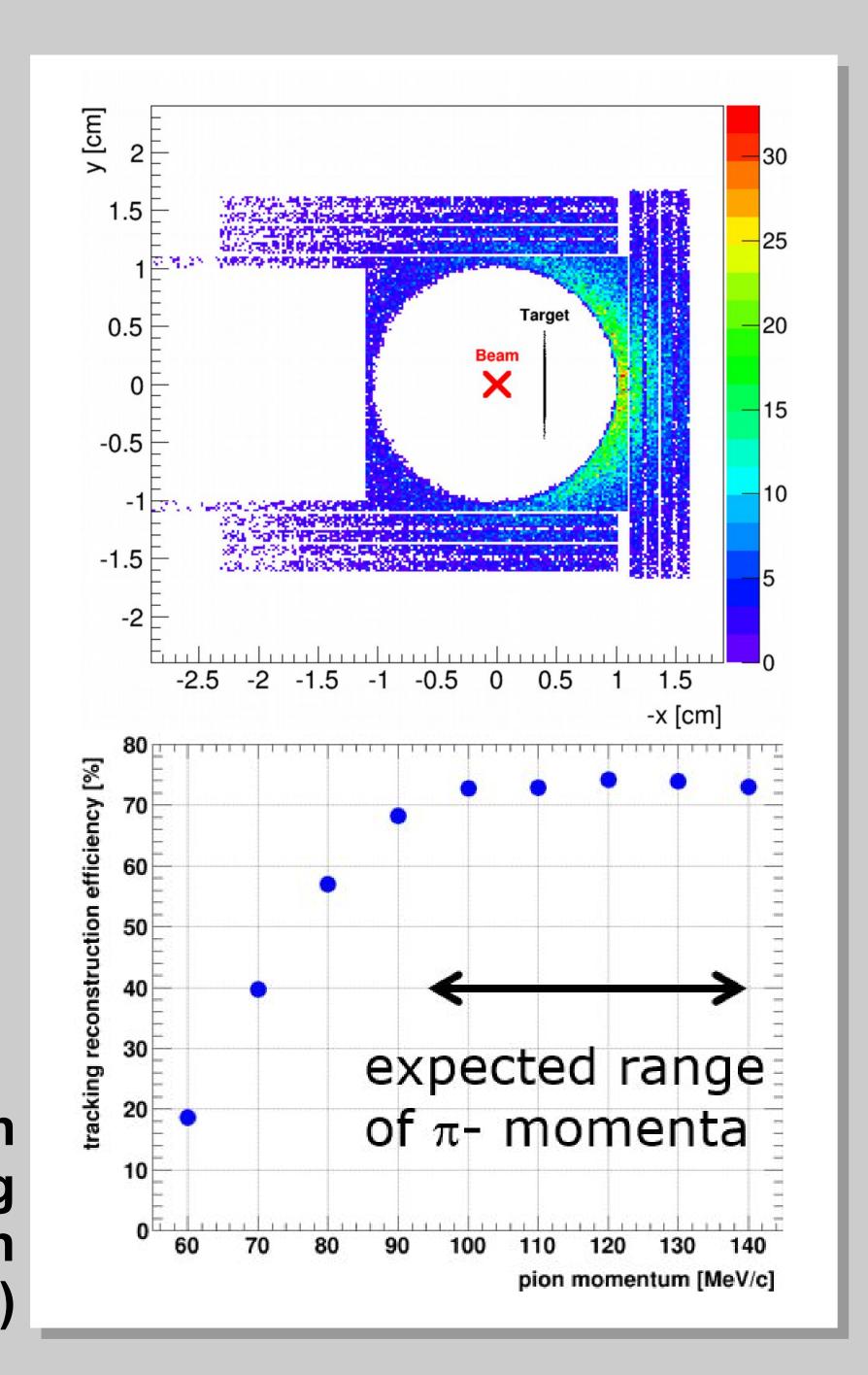
Two-stage target system



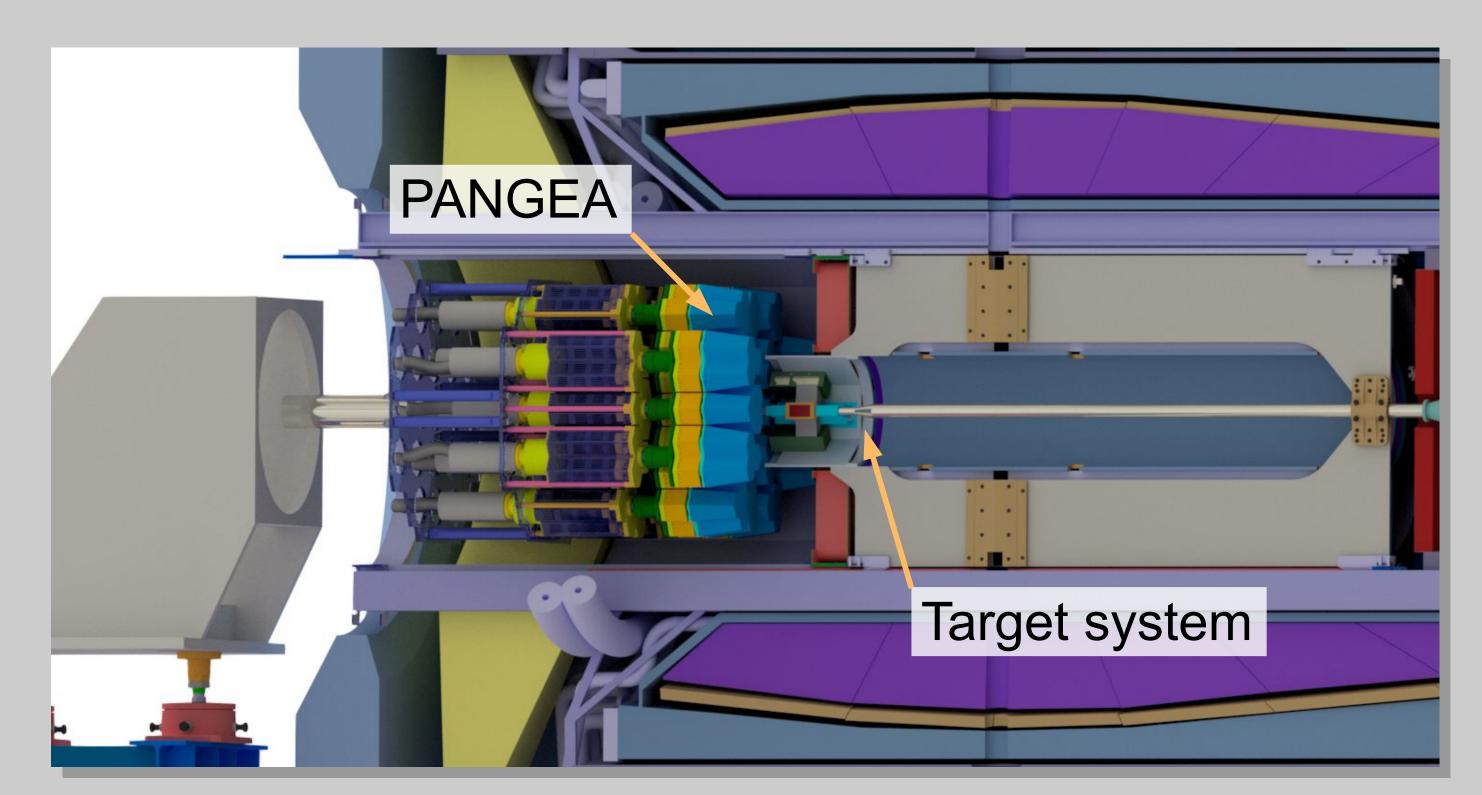


Primary target with thin internal carbon filaments positioned by piezo motors (top left) and scheme of radiation tolerant position control system (bottom left)

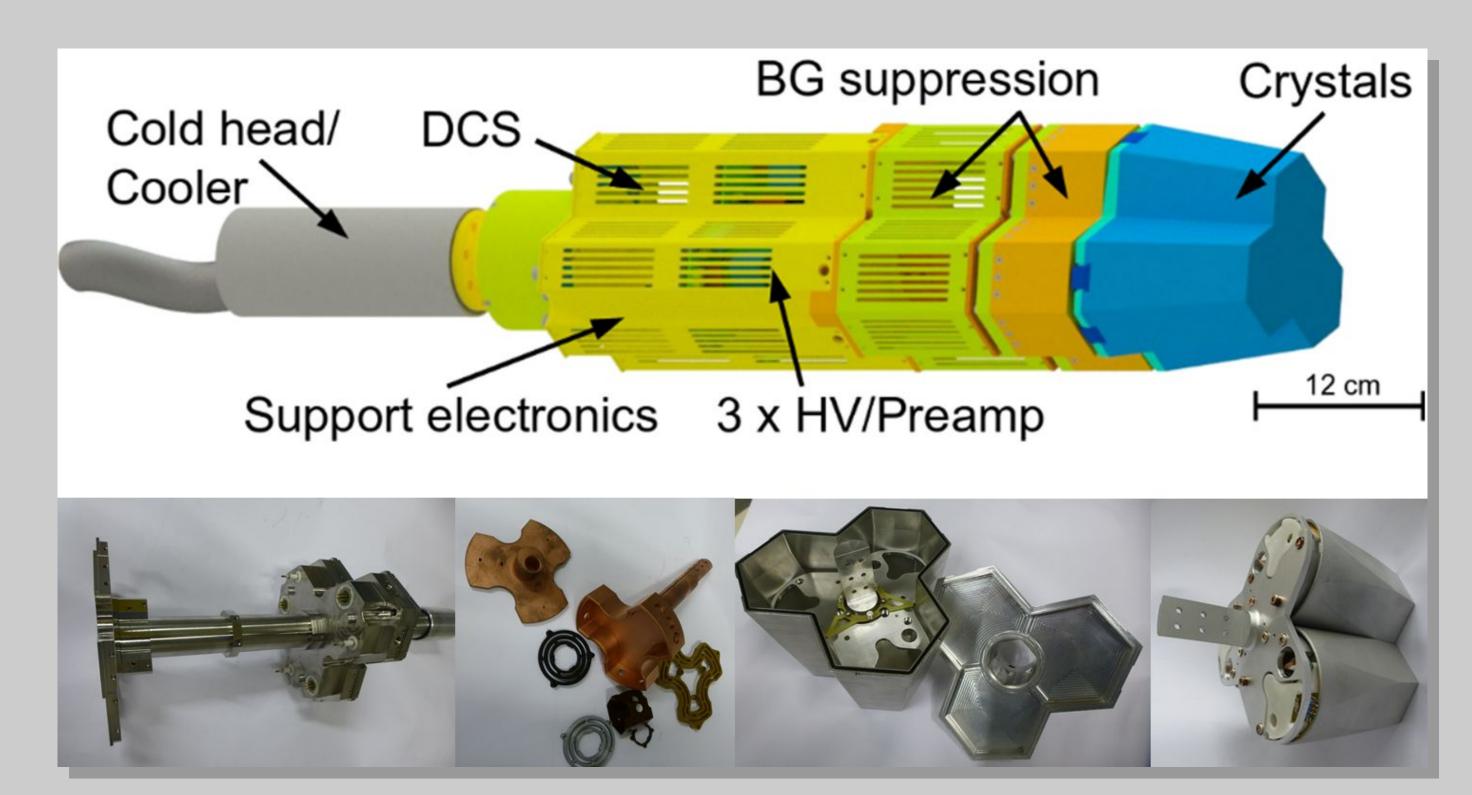
> Secondary target for capturing Ξ in absorber layers (top right) and tracking of decay pions in sandwiched silicon sensors (bottom right)



PAnda GErmanium Array



Integration of the hyper nuclear experiment inside the PANDA barrel spectrometer



Highly integrated germanium triple cluster detector commonly developed by PANDA and NUSTAR



