„Was die Welt im Innersten zusammenhält",
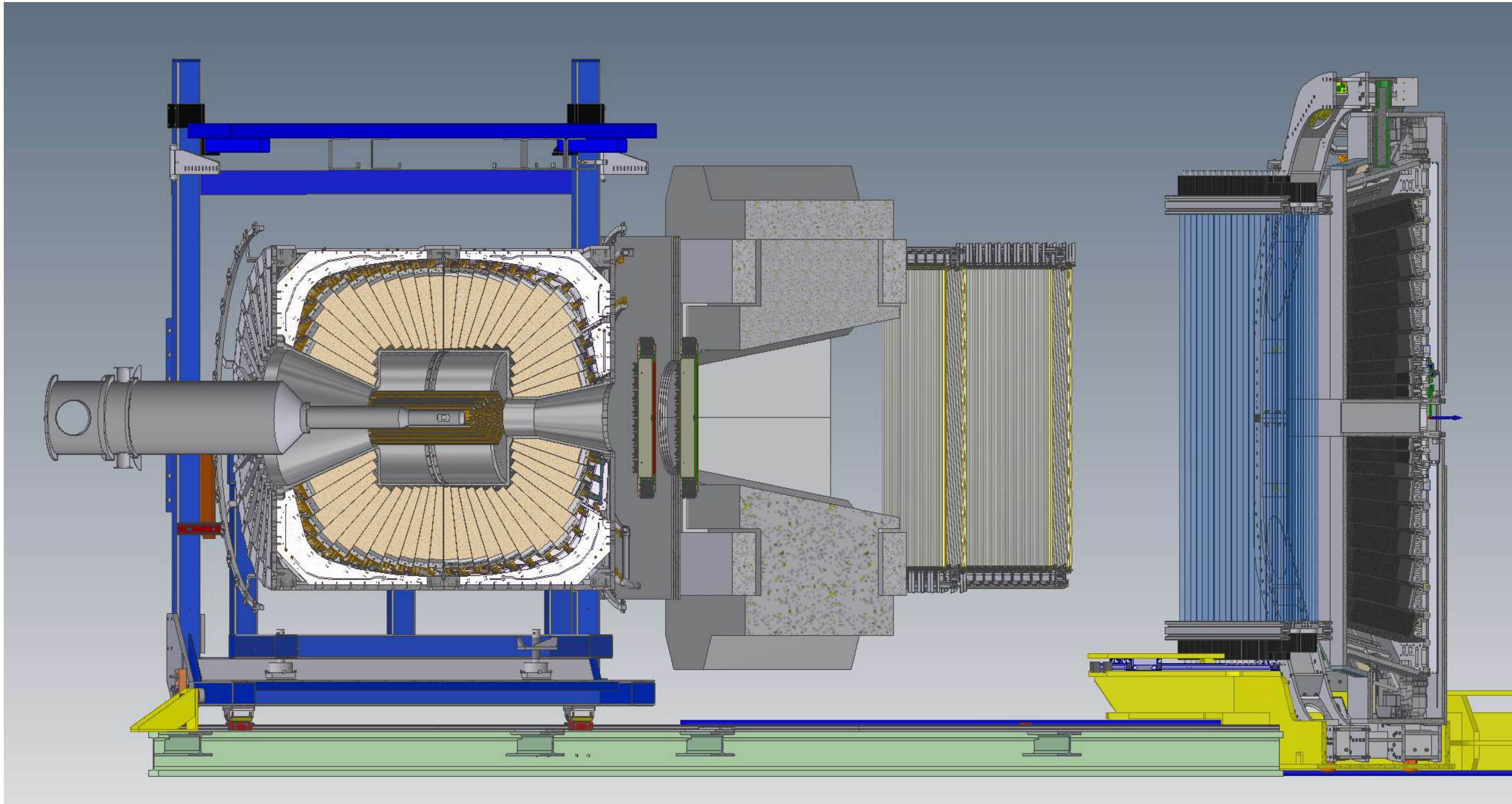# … the bound states of the strong interaction

UNIVERSITÄT BONN

INSIGHT @ELSA
Investigation of the strong interaction
in the light flavor sector

## INSIGHT: A new experiment at ELSA

Data analysis and software developments

e.g.:
- Analysis of experimental data
- Development of reconstruction
  algorithms and simulation tools
- Data aquistion

EPICS
https://epics-controls.org/
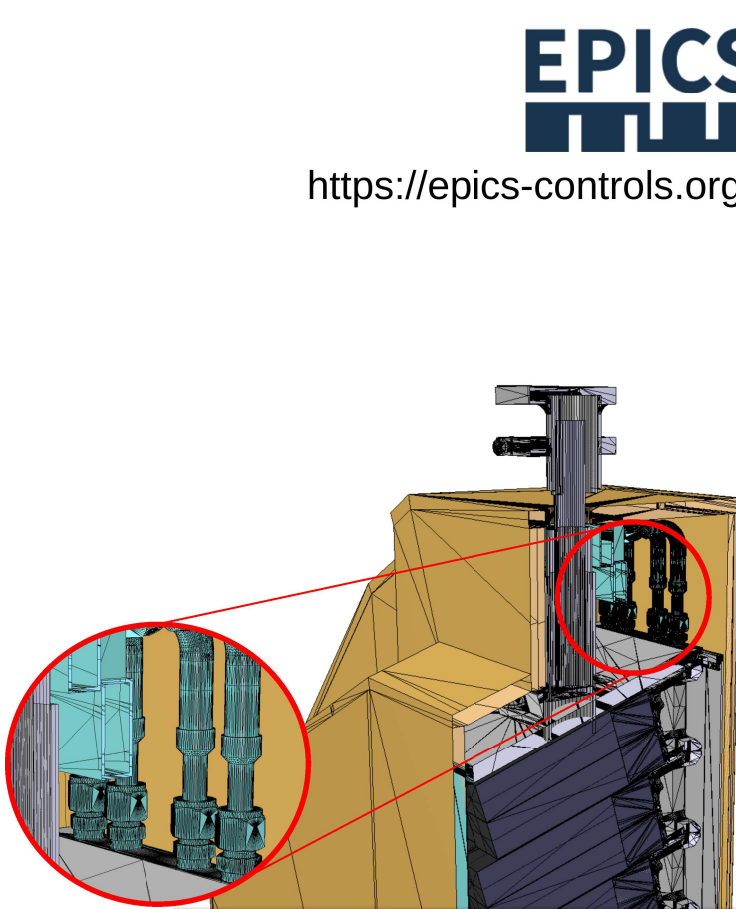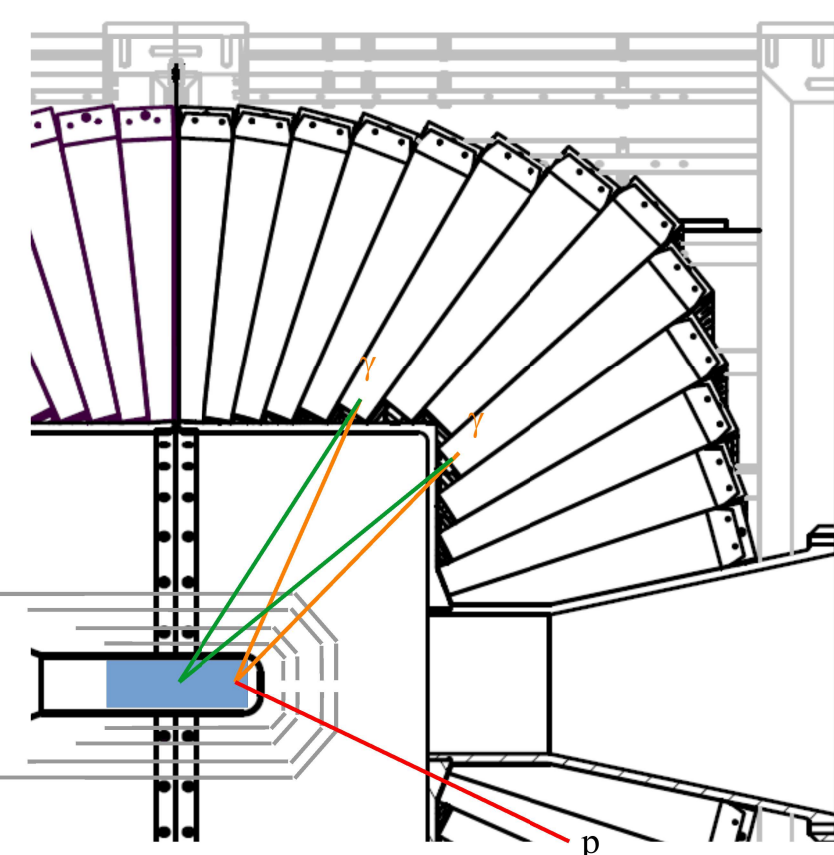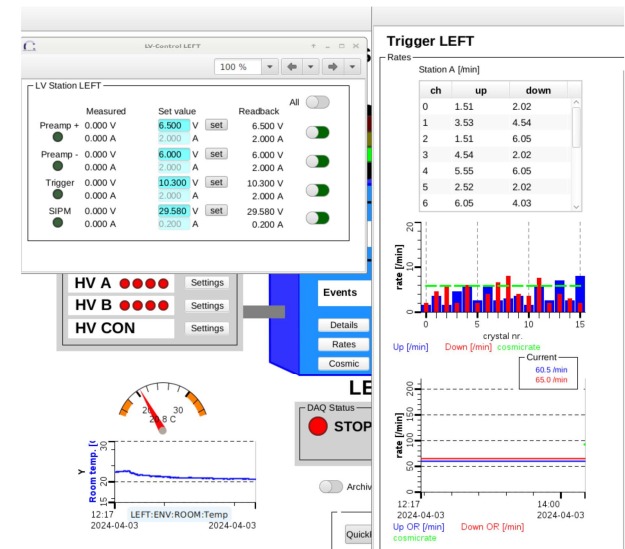
Interest in developing digital electronics?

e.g.:
- Microcontroller programming
- Algorithms/Logics in FPGAs (VHDL)
- Synchronization of distributed systems
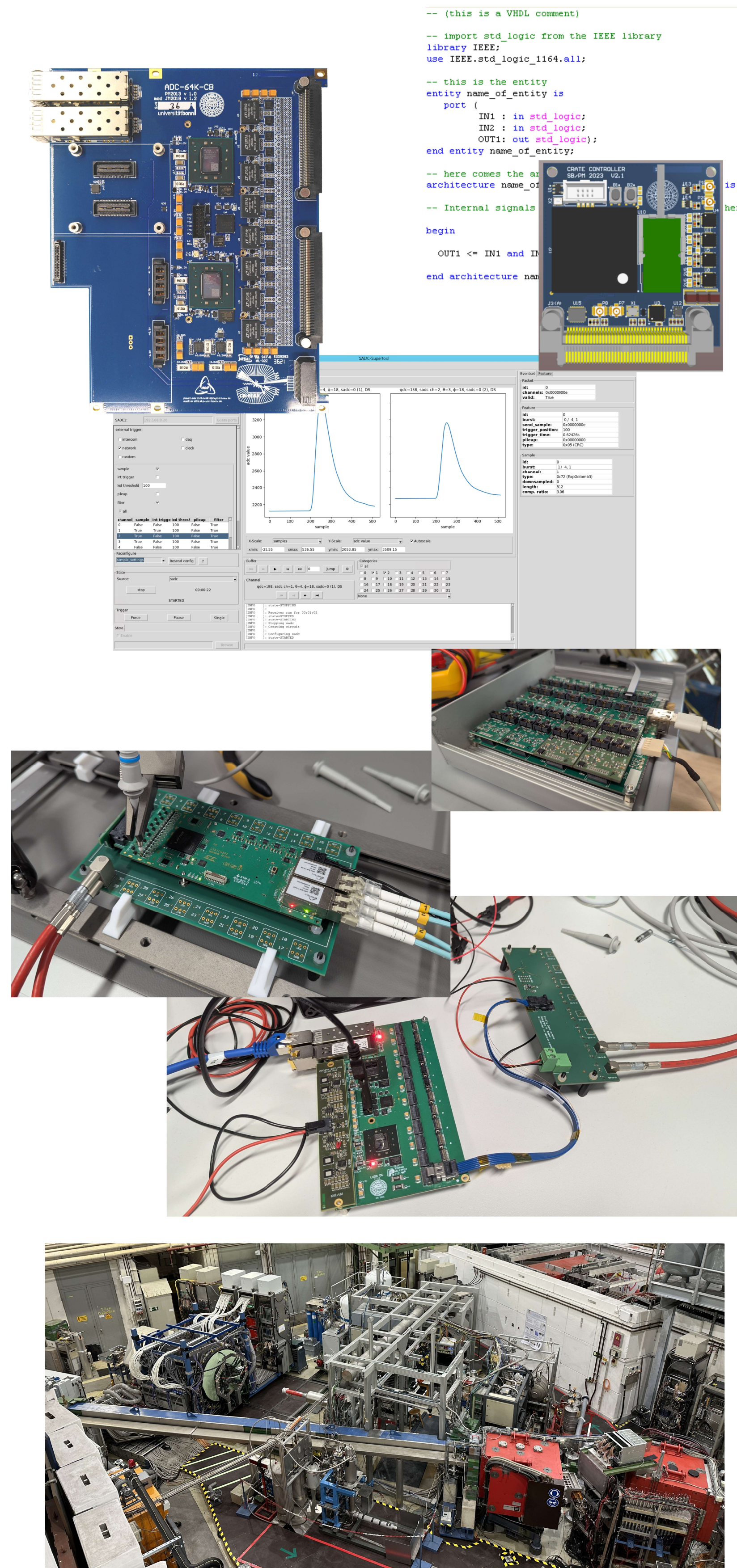
Developing and testing of detectors

e.g.:
Scintillation detectors for precise time measurements
- Prototype developments
- Test measurements in the lab and at test beams
  (influence of different detector materials,
  photodetectors, electronics)
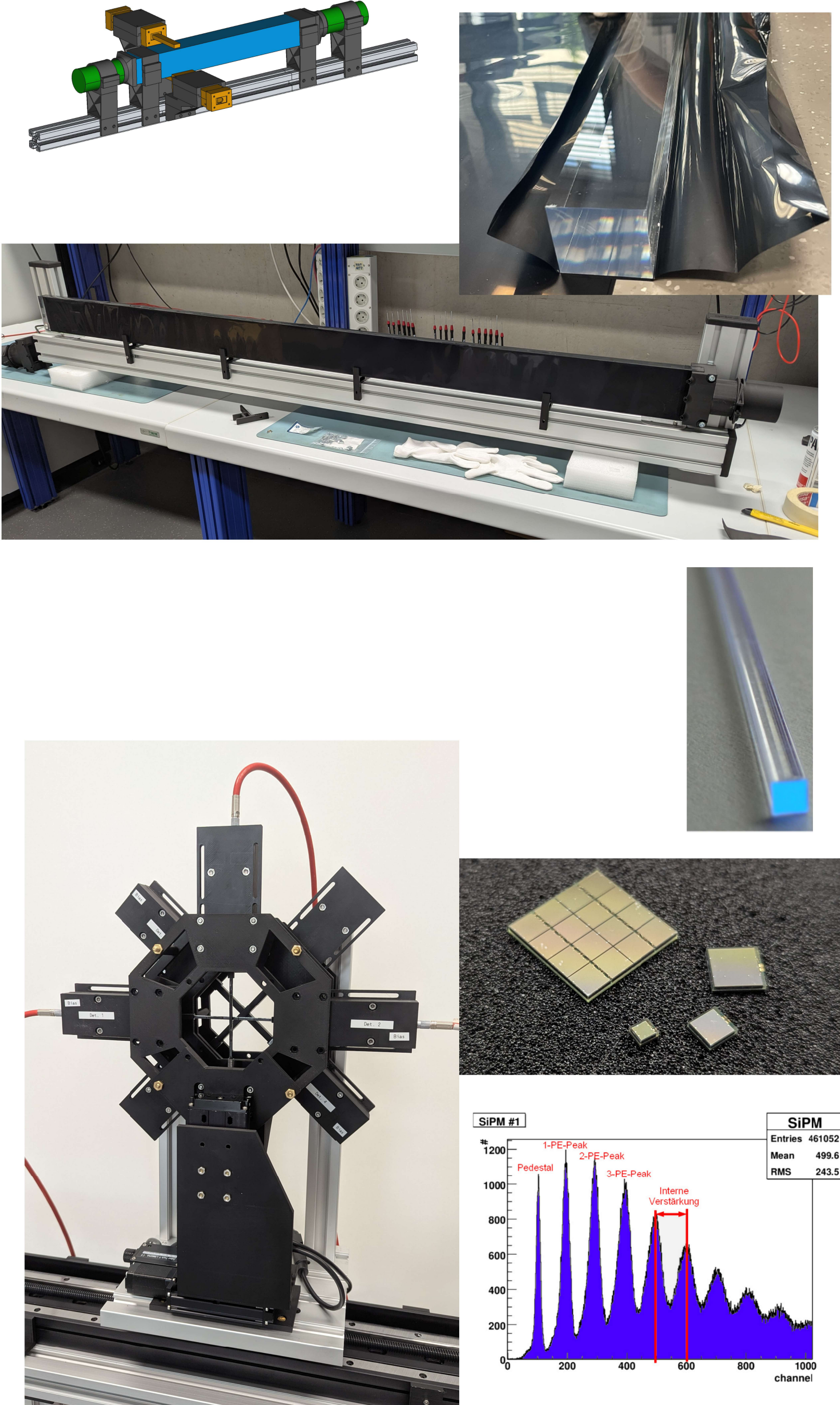
Setting up and commissioning detectors

- Being involved in the final setup and commisioning of the
  PANDA-FWEC
  e.g.: Analysis of test data, development of control systems, etc.

AG-Thoma
HISKP