

Status Vienna

30.07.2009

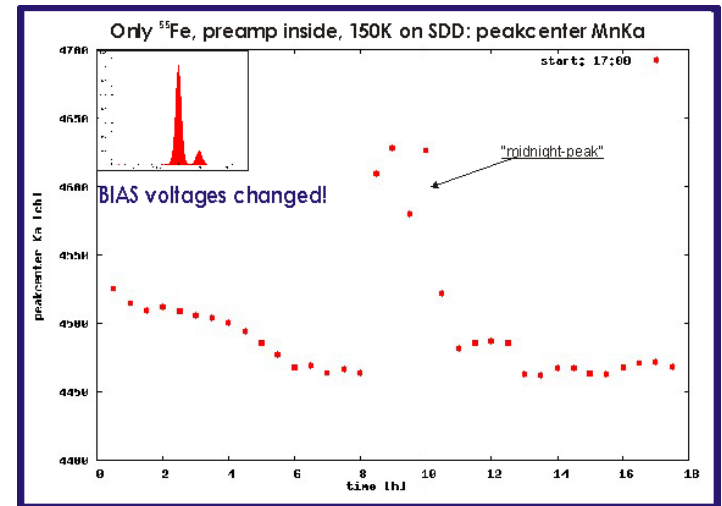
E17 meeting

Stability tests

- Measurement for 170 hours
- Adjustments NOT changed
- Temperature constant on SDD (150K) and on preamp (0°C)
- X-ray tube with Cu and Ti foil and/or ^{55}Fe source

SUMMARY:

- Resolution $> 200\text{eV}$ (SUB outside?)
- Jumps in peak center after turning off/on system
- Variations in peak center at the beginning and in the night

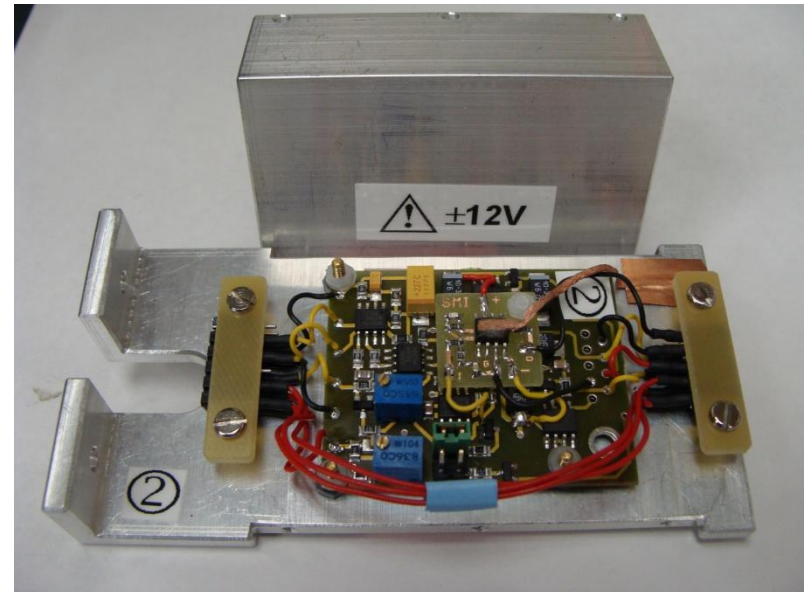
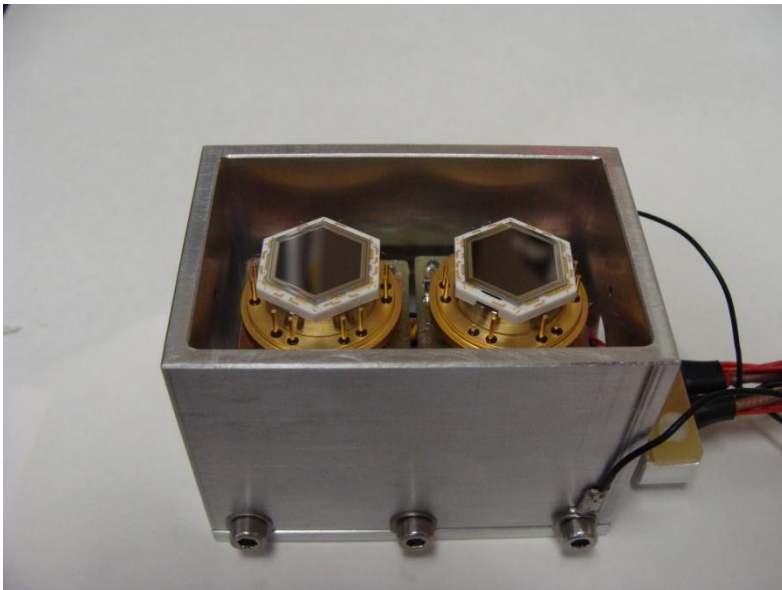


Schedule for August/September

- Time measurements
- Rebuild preamp with SUB inside ?
- Check functionality, adjust remaining SDDs
- Repeat stability measurements in a different lab (grounding?)

KEK, this week

- 4 SDDs + preamps from Vienna: prepared



SUB voltage connection changed!

- Temperature measurement on one preamp available

