

Triggering

- self-triggering on radio signals is difficult
 - complex trigger topology (probably on $>$ station level)
 - significant real-time computation efforts
 - higher detection threshold than externally triggered
 - high trigger rate with very many false positives
 - probably need particle detector to sort out false positives unambiguously
- particle detector array is well-proven
 - threshold: detector density and size
 - RFI-quietness
 - power supply
 - data readout to coincidence computer
 - coincidence computer needs to make decision and send a timestamp for the readout window within buffer depth