



- Radiator material (PWO) hardness well-know (CMS, PANDA, JLab...)
- Need to study radiation hardness of:
 - Photosensors (SiPM)
 - Front-end electronics
- From YR:
 - Electromagnetic dose for 100 fb^{-1} (10y of running): $\sim 50 \text{ Gy}$
 - Neutron dose for 100 fb^{-1} (10y of running): $\sim 10^9 \text{ n/cm}^2$
- Timeline:
 - Sensors ($3 \times 3 \text{ mm}^2$, $6 \times 6 \text{ mm}^2$) can be tested already
 - FFE: expected to be ready by end 2024
- Possible facilities:
 - Electromagnetic dose: JLab, Orsay, Giessen...
 - Neutron facilities: ?