

TG2 Schedule

- Goal of the TG is to produce Phase II detectors for GERDA
- Achieved:
 - Procurement and transport of 37.5 kg of ^{enr}Ge with isotopic content ca 87%
 - Set up of test facilities at MPI
 - Procurement and successful test of a prototype 18-fold segmented ^{nat}Ge detector
- To be achieved:
 - operation of segmented detector in LAr
 - purification
 - crystal pulling
 - detector manufacture

TG2 Schedule

- Plan:
 - We start by assuming Canberra-France will produce detectors (Ortec expressed no interest). Need a crystal source acceptable for Canberra.
 - Continue to try to get crystals from standard sources (Umicore, Tennelec)
 - In parallel, research other options:
 - discussions started with TU, Institut für Kristallzüchtung Berlin
 - If standard source:
 - time scale defined by crystal manufacturer (no start possible before Nov, + ca 6 months). Would need to settle purification first, but assume this is simpler.
 - If new source, will need a few iterations with $^{\text{nat}}\text{Ge}$ first. 2+ years. Purification needs to be defined by crystal puller.