DORIC4 Radiation Tests

- **20 bare chip DORIC4s tested with probe test.**
  - **- all 20 chips show full digitial functionality**
  - **- some chips show low output signals. Probably due to poor contact with probe (avoid damage to pads)**

- **Irradiate with neutrons at Ljubljana**
  - **- aim for fluence of 3 10^{14} n/cm^2**
  - **- repeat functionality measurements**

- **Irradiate with Gammas at Birmingham**
  - **Co^{60} source. Dose of 10 MRad.**
  - **Chips on PCB to provide power.**
  - **Repeat digital functionality measuremtns.**
  - **Remove chips and bond into GEC opto-package for full analogue tests.**
- **Repeat equivalent tests for 10 VDCs**
- **Irradiate complete opto-packages at CERN PS ?**