Boulby Programme
Boulby Facility
NaIAD Status
ZEPLIN I Status
ZEPLIN III Status
ZEPLIN MAX Future

ZEPLIN MAX and Future

- ZEPLIN MAX detector
  - **1 tonne active volume, target sensitivity 10^{-10}pb**
  - **Input from ZEPLIN I operational experience**
  - **ZEPLIN II/III progenitors for design info**

- Issues
  - **Operational mode**
  - **Readout technology (U/Th background)**
  - **Background suppression**
    - **active muon/neutron veto**
    - **passive shielding**
    - **detector design**
    - **purity requirement**