

## The ZEPLIN-III Dark Matter Search

The results from the first science run of ZEPLIN-III will be presented which have resulted in an upper limit to the WIMP-nucleon spin-independent elastic scattering cross-section of  $8.1 \times 10^{-8}$  pb. The instrument performance characteristics and behaviour will be reviewed. The status of preparations for the second science run will be given

**Primary author:** EDWARDS, Blair

**Co-author:** COLLABORATION, ZEPLIN-III (Imperial/RAL/Edinburgh/IITEP/LIP)

**Presenter:** EDWARDS, Blair