

CNAO-ARDENT event, Friday 19 October

ARDENT talks on proposed experimental activities at CNAO

Measurement of pulsed neutron stray radiation – *M. Caresana (Politecnico of Milano)*

The aim of the measurement is to test the instrument prototype LUPIN around the CNAO accelerator. The interest is to measure in the synchrotron hall, in the treatment rooms, in the mazes and outside the shielding walls. The beam delivery should be pulsed with the possibility to vary the beam intensity and the repetition rate. The results will be compared with passive measurements performed with track detectors (or other instruments unaffected by pulsed neutron fields) in the same positions