

CNAO-ARDENT event, Friday 19 October

ARDENT talks on proposed experimental activities at CNAO

Track detector development for neutron and mixed field dosimetry – A. Parravicini (MI.AM)

The aim of the measurement program is to test and characterize the CR-39 detectors for environmental and personal dosimetry in high energy neutron and mixed fields. The measurements may also be based on LET spectrometry, and may take place inside the synchrotron hall or the treatment rooms for environmental and personal dosimetry. Some tests may also be performed for LET spectrometry and secondary dose evaluation in proton or carbon therapy.