



Poster session 4 – Friday 8 July

P4.051 The CUORE slow monitoring system

L Gladstone

MIT, USA

on behalf of CUORE collaboration

CUORE is a cryogenic experiment searching primarily for neutrinoless double decay in ^{130}Te . It will begin data-taking operations in 2016. To monitor the cryostat and detector during commissioning and data taking, we have designed and developed Slow Monitoring systems. In addition to real-time systems using LabView, we have an alarm, analysis, and archiving website that uses MongoDB, Angular, and Bootstrap software. These modern, state of the art software packages make the monitoring system transparent, easily maintainable, and accessible on many platforms including mobile devices.