



Contribution ID: 240

Type: **Poster contribution**

## Applications of the Adelaide HEAMS muon detector

*Saturday 1 August 2015 15:30 (1 hour)*

The HEAMS muon detector is a sea-level spaced telescope consisting of four one square metre scintillators vertically above a second set of four. Coincidences taken with an FPGA data acquisition system can produce a number of directional beams with various useful energies in the range 50 GeV to 1 TeV.

HEAMS is located at 35 degrees south and accesses an understudied declination/latitude range for these energies. The detector system will be described and solar and sidereal data mainly covering mid-southern latitudes will be presented.

### Collaboration

– not specified –

### Registration number following "ICRC2015-I/"

179

**Author:** Prof. CLAY, Roger (University of Adelaide)

**Co-author:** Mr WILD, Neville (University of Adelaide)

**Presenter:** Prof. CLAY, Roger (University of Adelaide)

**Session Classification:** Poster 2 SH

**Track Classification:** SH-IN