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## Current status of MuSTanG at the Christian-Albrechts-University Kiel

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

MuSTanG - the Muon Spaceweather Telescope for Anisotropies at Greifswald - detects muons using 32 scintillator detectors with an area of  $0.25\text{m}^2$  each. These are organized into two  $4\times 4$  stacks. MuSTanG was designed to investigate anisotropy changes of galactic cosmic ray intensities caused by the interplanetary counterpart of Coronal Mass Ejections. In August 2014 MuSTanG has been transported from Greifswald to Kiel (Latitude  $N54^{\circ}20'50''$ , Longitude  $E10^{\circ}6'42''$ ). In this contribution we present the current instrument status, first data from the new location and GEANT 4 and PLANETOCOSMICS simulations that allow us to determine the asymptotic directions as well as the instrumental response functions. In addition future plans will be discussed.

### Collaboration

– not specified –

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

803

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