

Cosmic ray muon telescopes network: a space weather monitoring application

F. Jansen (1), M. Duldig (2), K. Munaka (3), R. Hippler (1)

(1) University of Greifswald, (2) Australian Antarctic Division Hobart, Australia, (3) Shinshu University, Matsumoto, Japan

This presentation will describe the physics and space weather service behind different cosmic ray muon telescopes, such as Hobart Scintillator Telescope, Nagoya Scintillator Telescope, the European MuSTAnG and other telescopes. In addition, the application of the international muon telescope network as a space weather service will be discussed.