



ID de Contribution: 23

Type: Poster

## FRAM - the optical telescope for atmospheric monitoring

*mardi 11 juin 2013 15:15 (5 minutes)*

FRAM (F/Photometric Robotic Atmospheric Monitor) is a small optical telescope located at the Pierre Auger Observatory equipped with two CCD cameras with Johnson-Bessel UBVRI filters. We will present its observation program - spanning from the measurements of wavelength dependence of extinction (Angstrom coefficient) using the Landolt fields of standard stars, through the rapid monitoring of trajectories of cosmic rays showers with anomalous longitudinal profiles, to observations of opportunity astronomical targets - optical transients of gamma ray bursts, variable stars, minor planets and comets.

**Auteur principal:** Dr PROUZA, Michael (Institute of Physics - Prague)

**Co-auteurs:** EBROVA, Ivana; CERNY, Jakub; EBR, Jan; JENILEK, Martin; MASEK, Martin; JANECEK, Petr; KUBANEK, Petr

**Orateur:** Dr MANDAT, Dusan (Institute of Physics of Academy of Science of The Czech Republic)

**Classification de Session:** Poster session

**Classification de thématique:** Poster contributions