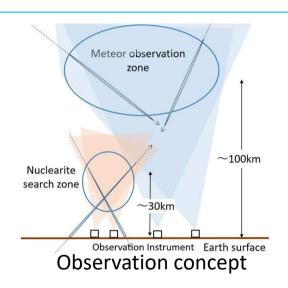
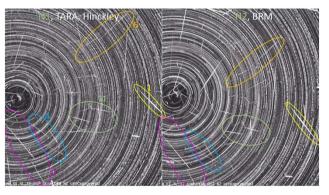


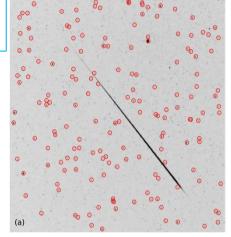
Objects

- Search for nuclearites as the candidates of the macroscopic dark matters
- Study of meteoroids, especially interstellar meteoroids etc.





DIMS can detect several hundreds of simultaneous events/ night



~900 stars up to +8 mag are identified in an image.

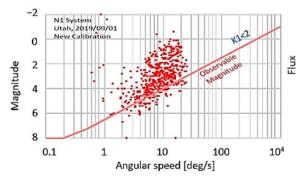


Installation position

CLF 18.47 km

History

ODAIS



Cosmic dust detectors

radar observations

Video and photographic methods

Video and photographic methods

Video and photographic methods

Krueger et al., 2007

(HELIOS)

Landgraf et al., 2002

(ARECIBO)

Weryk&Brown, 2005 (CMOR)

Musci et al., 2012 (CAMO)

Weryk&Brown, 2005 (CMOR)

Interstellar particles (1991-2000)

Interstellar particles (2000-2016)

Resulting ISP flux (Hajdukova&Hajduk, 2005)

Divine

10-20

Thicking ISP flux (Hajdukova&Hajduk, 2005)

Phidukova 2011

Hajdukova et al., 2013

To m [kg]

Img

Meteoroid Mass

Experiment site

Limiting magnitude

Interstellar meteoroid

Camera module