

Planned Intensive MWL Campaign on 3C279

Period: January 19th to March 17th in 2009

The Fermi/LAT team is organizing a multi-wavelength campaign on the blazar (FSRQ) 3C279 ($z=0.536$) starting at the end of January and finishing at the middle of March, including various satellites (IR to gamma-ray) and ground-based Cherenkov telescopes for VHE gamma-ray.

We strongly encourage any multi-wavelength observations from radio to TeV to obtain the broad band SED throughout the period.

Observation Schedule

X-ray observations:

Suzaku - 200 ksec deep observation

- 2009-01-19 23:19 - 2009-01-22 22:32
- 2009-01-23 21:00 - 2009-01-25 03:00

RXTE - monitoring observation

- ~2ks per obs every other day since 26 December 2008 (through March) [[observation schedule \(weekly\)](#)]

XMM

- 2009-01-21 16:48:01 - 2009-01-22 00:38:01 (~28.2 ksec)

INTEGRAL

- 2009-01-21 20:34:11 - 2009-01-21 21:27:31 (3.2 ksec)
- 2009-01-21 21:56:02 - 2009-01-22 12:40:59 (51.2 ksec)
- 2009-01-22 13:30:00 - 2009-01-22 20:51:14 (25.6 ksec)
- 2009-01-22 21:58:00 - 2009-01-23 04:23:27 (22.4 ksec)
- 2009-01-26 14:14:32 - 2009-01-27 06:48:57 (57.6 ksec)

Optical band:

- current optical status : [recent 30 days](#) (by KVA [La Palma] and the Tuorla telescope [Finland] under "the Tuorla Blazar monitoring program").

Infra-red band:

Spitzer

- ~ 1 hour observation each day
 - MIPS: February 15-20
 - IRS : March 3-4

Radio band:

- Observations at the 32m Noto radio telescope (Italy) underway since January 20, roughly every 4 days until mid-February. Data are taken at 8 and 22 GHz.

LAT news

- Fermi/LAT Automated Science Processing public data: [HEASARC Browse](#)
- ATEL ([#1864](#))

[internal page\(password protected\)](#)

Source Information

- (RA, Dec: J2000) = (12h56m11.1s -05d47m22s), $z=0.53620$
- Multi-wavelength SED
 - SED-1, from [Boettcher et al. \(2007\)](#), ApJ, 670, 968.
 - SED-2, from [Albert et al. \(MAGIC collaboration\) \(2008\)](#), Science, 320, 1752

Contact info:

Greg Madejski <madejski"at"slac.stanford.edu>