

MW_Campaign_PMNJ0948p0022

This is a public page, open to people external to the LAT Collaboration.

The Fermi/LAT Collaboration organized a multiwavelength campaign to monitor the radio-loud narrow-line Seyfert 1 quasar [PMN J0948+0022](#), already detected at gamma-rays by LAT ([Bright Source List](#); [Bright AGN List](#); plus a dedicated LAT paper published on [ApJ](#)).

The observing campaign is now closed

The reference period is 26 March - 5 July 2009

Present coverage and status of the data analysis.

Domain	Energy band /Filter/Frequency	Facility	Analyzer(s)	Status
Gamma-rays	0.1-10 GeV	Fermi/LAT	L. Foschini	OK
Hard X-rays	20-100 keV	Swift/BAT	L. Foschini	OK
X-rays	0.2-10 keV	Swift/XRT	L. Foschini	OK
Optical/UV	V,B,U,UVW1,UVM2,UVW2	Swift/UVOT	P. Roming, M. Stark, L. Foschini	OK
Optical	B, R	ATOM	S. Wagner, M. Hauser	OK
Optical/NIR	B, R, J	SMARTS/Yale	C. Bailyn, E.W. Bonning, M.Buxton, J. Isler, C. M. Urry	OK
NIR	J, H, Ks	INAOEP	L. Carrasco, E. Recillas, A. Carraminana	OK
NIR	J, K	WIRO	J. Bonnell, R. Canerna, A. Kuttyrev, D. Macomb, J. Norris	OK
Radio	15 GHz	OVRO	W. Max-Moerbeck, V. Pavlidou, T. J. Pearson, A. C. S. Readhead, J. L. Richards, M. Stevenson	OK
Radio	cm/mm, Polarization	Effelsberg	L. Fuhrmann, J. A. Zensus, I. Nestoras, E. Angelakis, T. P. Krichbaum, N. Marchili	OK
Radio	1-22 GHz	RATAN-600	Y.Y. Kovalev, Yu.A. Kovalev	OK
Radio	15 GHz, Polarization	MOJAVE	Y.Y. Kovalev, M.L. Lister, A.B. Pushkarev	OK
Radio	1.66, 22.2 GHz	e-VLBI	M. Giroletti, Z. Paragi, H. Bignall, C. Phillips, P. Edwards, J. Blanchard, A. Doi, M. Kino, H. Nagai, M. Sekido, H. J. van Langevelde, T. Tzioumis, A. Szomoru, X. Hong, F. Colomer, M. Kadler	OK
Radio	37 GHz	Metsahovi	A. Lahteenmaki, M. Tornikoski, J. Tammi	OK

Swift schedule:

- 1st: [26 March 2009](#)
- 2nd: [15 April 2009](#)
- 3rd: [5 May 2009](#)
- 4th: [10 May 2009](#)
- 5th: [15 May 2009](#)
- 6th: [25 May 2009](#)
- 7th: [4 June 2009](#)
- 8th: [14 June 2009](#)
- 9th: [23 June 2009](#)

It appears that we can benefit of some more snapshots:

- 10th: [24 June 2009](#)
- 11th: [3 July 2009](#)

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Data format and deadline to participate to the paper in preparation:

Data format:

- Time: MJD
- Frequency: Hz
- Energy: eV or multiples (keV, MeV, GeV)
- Fluxes (νF_ν): erg/cm²/s (or Jy*Hz, if easier)
- Fluxes should be already corrected and dereddened (ground based observatories should correct also for the extinction due to the airmass). Use as reference $A_V=0.277$ and the extinction laws of [Cardelli et al. \(1989\)](#).
- Include also the observed magnitudes (for NIR/optical/UV data).
- Included also some short text explaining the data analysis performed.
- Include also the list of people (and their affiliations) to be included in the authors list.

Deadline to send data: 31 July 2009 (expired)