

Outside

GCN
IAUCs

Other

ATel on Twitter and Facebook
ATELstream
ATel Community Site

The Astronomer's Telegram

Post | Search | Policies
Credential | Feeds | Email

6 Nov 2018; 18:19 UT

This space for free for your conference.

[Previous | Next | **ADS**]

Multiband photometry of PSNJ14102342-4318437 with OAUNI

ATel #8570; *A. Pereyra (Geophysical Institute of Peru - IGP, Astronomy Area), W. Cori (National University of Engineering - UNI, Astronomy Group - GA, Peru), J. Ricra (UNI, GA, Peru), M. Zevallos (UNI, GA, Peru), J. Tello, (UNI, GA, Peru)*
on **21 Jan 2016; 23:22 UT**

Credential Certification: Antonio Pereyra (apereyra@igp.gob.pe)

Subjects: Optical, Supernovae

Referred to by ATel #: 9202

Tweet

Recommend 2

We report multiband photometry of Type Ib SN PSNJ14102342-4318437 (ATel #8415, ATel #8434, ATel #8437, ATel #8504) on 2016-01-10 (UT) gathered with the OAUNI 51cm telescope (Pereyra et al. 2015; arXiv:1512.03104) at Huancayo Observatory, Peru. CCD imaging using VRI filters was performed under non-photometric conditions (seeing ~1.9") and airmass = 1.4. Total integration times of (30x20s=600s) for V and R filters, and (24x20s=480s) for I filter yielded:

Date (UT) | filter | mag

2016-01-10.385 | V | 16.79 +/- 0.06

2016-01-10.395 | R | 15.93 +/- 0.12

2016-01-10.409 | I | 15.68 +/- 0.10

USNO-B1 field stars were used for the zero point calibration. The measurements presented here are ~25d after the MASTER discovery (ATel #8415) and ~32d after the maximum (ATel #8434). Consistent with this, and considering the NED extinction toward the host galaxy (NGC5483, $z=0.006$), the color indices (V-R) and (R-I) are in reasonable agreement with the zero-redshift color-color diagrams for Type Ib SNe about 20-30d past the maximum (Poznanski et al., 2002, PASP, 114, 833). The OAUNI project is supported by UNI, TWAS and IGP.

Related

- 9202** GMRT radio detection of Type Ib supernova PSNJ14102342-4318437
- 8570** Multiband photometry of PSNJ14102342-4318437 with OAUNI
- 8504** ATCA detection of PSNJ14102342-4318437 at 5.5 and 9GHz
- 8437** PESSTO spectroscopic classification of optical transients
- 8434** Spectroscopic Classifications of Optical Transients with SOAR
- 8415** MASTER: bright PSN in NGC5483

[Telegram Index]

R. E. Rutledge, Editor-in-Chief

Derek Fox, Editor

Mansi M. Kasliwal, Co-Editor

rrutledge@astronomerstelegam.org

dfox@astronomerstelegam.org

mansi@astronomerstelegam.org