

**SN J19535968+4956078** in UGC 11494 galaxy. The new OT was spotted by Paolo Campaner (0,5 mt telescope of Ponte di Piave observatory) on behalf of ISSP, on 2015/06/12.010, located 36" West and 8" South from the center of UGC 11494. Type IIP. Mag 18.2.

See also the CBAT TOCP and ATEL.



## CBAT "Transient Object Followup Reports"

### PSN J19535968+4956078

PSN J19535968+4956078 2015 06 12.0097\* 19 53 59.68 +49 56 07.8 18.2 U 36W 8S  
U11494 3 0

2015 06 12.0097

Paolo Campaner report the discovery of PSN (unfiltered magnitude = 18.2) on three images (limiting magnitude 19.5) obtained on June 12.0097 UT with a 0,4m reflector F/5.5 + CCD and exposure 75s at Ponte di Piave - Italy, in the course of the Italian Supernovae Search Project.

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2015 06 13.88494

This transient was observed on 2015 06 13.88494 by G. Masi, remotely using the 17"-f/6.8 robotic unit part of the Virtual Telescope Project facility, at Bellatrix Astronomical Observatory in Ceccano, Italy. 180-seconds exposures, unfiltered, show the source at mag. 19.0 (R mags for the reference stars from UCAC-4). We also performed astrometry, getting the following end figures: 59.62; 05.4 (J2000.0, mean residuals of 0.1" on both axes).

## **Spectroscopic classification of two type II SNe at Asiago**

ATel #7712; [S. Benetti, L. Tomasella, E. Cappellaro, N. Elias-Rosa, P. Ochner, A. Pastorello, L. Tartaglia, G. Terreran, M. Turatto \(INAF OAPd\)](#)

on **25 Jun 2015; 10:36 UT**

*Distributed as an Instant Email Notice Supernovae*

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Subjects: Supernovae

The Asiago Transient Classification Program (Tomasella et al. 2014, AN, 335, 841) reports the spectroscopic classification of PSN J19535968+4956078 in UGC 11494 discovered by P. Campaner (ISSP) on 2015 Jun 12.01 and ASASSN-15ln (Atel # [7670](#)) in UGC 546 discovered by the All Sky Automated Survey for SuperNovae (ASAS-SN) on 2015 Jun 19.58. Informations on these transients are also available from the "Bright Supernova" website (<http://www.rochesterastronomy.org/snimages/>) and the CBAT Transient Object Followup Reports (<http://www.cbat.eps.harvard.edu/index.html>). The observations were performed with the Asiago 1.82 m Copernico Telescope (+AFOSC; range 340-820 nm; resolution 1.4 nm).

Name	Date (UT)	v	Type	Phase	Notes	PSN
J19535968+4956078	20150624.98	7518	II-P	~2 weeks	1	ASASSN-15ln
20150625.06	4501	II	early		2	

Redshifts of the host galaxies are from NED

(1) The expansion velocity inferred from the position of the H $\alpha$  absorption is about 10500 km/s. Photometric monitoring from the ISSP collaboration shows that the object has maintained approximately constant magnitude over a period of about 10 days, suggesting that the object is a Type II-plateau SN.

(2) H $\alpha$  emission is still very shallow. The expansion velocity inferred from the position of the H $\beta$  absorption is about 11000 km/s.

Classifications were done with GELATO (Harutyunyan et al. 2008, A&A, 488, 383) and SNID (Blondin and Tonry 2007, ApJ, 666, 1024). The Asiago classification spectra are posted at the website <http://sngroup.oapd.inaf.it>.