

SN J21312375+4336312 in UGC 4812, (at R.A. = 09h10m08s.85, Decl. = +50°03'39".6) discovered by F. Ciabattari, E. Mazzoni and G. Petroni, on behalf of Italian Supernovae Search Project (ISSP).

Mag 16.8:11/12, Type Ia-pec (z=0.026) Located 9".0 east and 8".0 north of the center of UGC 4812 (

[Padova-Asiago spectrum](#)

) (References:

[ATEL 8263](#)

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See discovery image and classification ATEL.



Asiago classification of PSN J09100885+5003396 as a peculiar Type Ia SN

ATel #8263; [L. Tomasella, S. Benetti, E. Cappellaro, N. Elias-Rosa, P. Ochner, A. Pastorello, L. Tartaglia, G. Terreran, M. Turatto \(INAF Osservatorio Astronomico di Padova\)](#)

on **9 Nov 2015; 09:48 UT**

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Subjects: Optical, Supernovae

The Asiago Transient Classification Program (Tomasella et al. 2014, AN, 335, 841) reports the

spectroscopic classification of PSN J09100885+5003396 discovered by F. Ciabattari, E. Mazzoni and M. Rossi (Italian Supernovae Search Project ISSP) in UGC 4812.

Informations on these transients are available from the "Bright Supernova" website (<http://www.rochesterastronomy.org/snimages/>) and The Astronomer Telegram. The observations were performed with the Asiago 1.82 m Copernico Telescope (+AFOSC; range 340-820 nm; resolution 1.4 nm).

Name	Discovery UT	Obs. Date UT	z	Type	Phase	Notes	PSN
J09100885+5003396	20151108.17	20151109.13	0.026	Ia-pec	-10d	(1)	

(1) Best match with the peculiar Type Ia SN 2009dc (a super-Chandrasekhar-mass SNe Ia; Taubenberger et al. 2011, MNRAS 412, 2735) about 10 days before B-band maximum light. The host galaxy redshift is deduced from the position of its emission lines.

Classification was 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>.