

SN J20435314+1230304 in NGC 6956, discovered by Massimo Caimmi (16" SC telescope - Orsiatico observatory) on behalf of ISSP, on 2015/07/11.017. The OT is located 7" west and 14" south of the center of NGC 6956. Mag 18.0, type Ia (redshift $z = 0.0155$). See attached image and classification ATEL.



Spectroscopic classification of three SNe at Asiago

ATel #7796; [L. Tomasella, S. Benetti, E. Cappellaro, N. Elias-Rosa, P. Ochner, A. Pastorello, L. Tartaglia, G. Terreran, M. Turatto \(INAF OAPd\)](#)

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Distributed as an Instant Email Notice Supernovae

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Subjects: Optical, Supernovae

The Asiago Transient Classification Program (Tomasella et al. 2014, AN, 335, 841) reports the spectroscopic classification of ASASSN-15mi in Mrk 0283a, and ASASSN-15mj, in 2MASX J14021617+3339415 (ATel # [7790](#)) discovered during the ongoing All Sky Automated Survey for SuperNovae (ASAS-SN), and PSN J20435314+1230304 discovered in NGC6956 by Massimo Caimmi (Italian Supernova Search Program ISSP). Informations on these transients are available from the "Bright Supernova" website (<http://www.rochesterastronomy.org/snimages/>) and and the CBAT "Transient Objects Confirmation Page" (<http://www.cbat.eps.harvard.edu/unconf/tocp.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)	z	Type	Phase	Notes	ASASSN-15mi
20150713.97	0.0344	la-pec	before max	(1)	ASASSN-15mj	20150713.90
0.0344	?	-	(2)	PSN J20435314+1230304	20150714.01	0.0155
before max	(3)					

(1) Best match is with 91T-like, SN 1997br few days before maximum

(2) Blue, featureless continuum. Possible type II SN at early phase.

(3) Best match with several Type Ia SNe few days before maximum B-band light. The expansion velocity of the ejected material, as inferred from the position of the absorption of the

Sill 6355 AA, is about 13000 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>.