



Publication Year	2015
Acceptance in OA	2020-04-21T08:55:50Z
Title	LIGO/VIRGO G184098 : classifications of transients from the LSQ observations
Authors	Takats, K., AglioZZo, C., Razza, A., Olivares, F., Pessa, I., Campbell, H., ELIAS DE LA ROSA, NANCY DEL CARMEN, CAPPELLARO, Enrico, Inserra, C., Maguire, K., Smartt, S. J., Smith, K. W., Sullivan, M., Valenti, S., Yaron, O., Young, D., Manulis, I., Baltay, C., Ellman, N., Hadjiyska, E., McKinnon, R., Rabinowitz, D., Rostami, S., Feindt, U., Kowalski, M., Nugent, P.
Handle	http://hdl.handle.net/20.500.12386/24149
Journal	GRB Coordinates Network
Volume	18359

TITLE: GCN CIRCULAR
 NUMBER: 18359
 SUBJECT: LIGO/VIRGO G184098 : classifications of transients from the LSQ observations
 DATE: 15/09/23 12:03:39 GMT
 FROM: S. J. Smartt at Queens U Belfast <s.smartt@qub.ac.uk>

K. Takats, C. Agliozzo (UNAB, MAS), A. Razza (DAS, MAS), F. Olivares (UNAB, MAS), I. Pessa (PUC, MAS), H. Campbell (IOA), N. Elias-Rosa, E. Cappellaro (INAF - OAPd), C. Inserra (QUB), K. Maguire (ESO), S. J. Smartt (QUB), K. W. Smith (QUB), M. Sullivan (Southampton), S. Valenti (LCOGT), O. Yaron (Weizmann), D. Young (QUB), Ilan Manulis (Weizmann), C. Baltay, N. Ellman, E. Hadjiyska, R. McKinnon, D. Rabinowitz, S. Rostami (Yale University), U. Feindt, M. Kowalski (Universitat Bonn), P. Nugent (LBL Berkeley)
 on behalf of PESSTO.

Following the LSQ discovery (Rabinowitz et al, GCN 18347) of candidates in the G184098 southern error box, PESSTO, the Public ESO Spectroscopic Survey for Transient Objects (see Smartt et al. 2015, A&A, 579, 40 <http://www.pessto.org>), reports the following classifications. All observations were performed on the ESO New Technology Telescope at La Silla on the night of 2015-09-22, using EFOSC2 and Grism 13 (3985-9315A, 18A resolution). Classifications were done with SNID (Blondin & Tonry, 2007, ApJ, 666, 1024). Classification spectra can be obtained from <http://www.pessto.org> (via WISerEP).

Name	RA (J2000)	Dec (J2000)	Disc. Date	Source	Disc Mag	z
Type Phase						
LSQ15bbb	07:25:16.50	-69:04:01.1	20150918	LSQ	17.36	0.037
Ia around max						
LSQ15bbj	07:16:14.45	-69:36:00.2	20150918	LSQ	19.75	0.086
Ia +4-5d						

The two transients are normal looking type Ia supernovae and almost certainly unrelated to the GW trigger.