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Classification of AT2017gmr/DLT17cq

ATel #10717; *T. Pursimo (NOT), N. Elias-Rosa (INAF), M. Dennefeld (IAP-UPMC), H. Korhonen (DARK) and the NEON school PhD students M. Cabezas (Charles U. Prague), C. Fernandes (U. of Liege), P. R. McWhirter (Liverpool U.) and K. Zervas (U. of Patras)*
on 6 Sep 2017; 20:16 UT

Distributed as an Instant Email Notice Supernovae
Credential Certification: Michel Dennefeld (dennefel@iap.fr)

Subjects: Optical, Supernovae, Transient

Referred to by ATel #: [11083](#)

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We observed the candidate SN [AT2017gmr](#), alias DLT 17cq (ATel #[10706](#)) on Sept. 6, 04.5UT, with the Isaac Newton Telescope on LaPalma, with the IDS spectrograph. The spectral range covers 3600-8000 Angstroms, with a resolution of 4A. The spectrum displays essentially a featureless blue continuum, with no signs of Balmer lines (neither in emission nor in absorption), and no Si lines either. There are hints of possible presence of broad line of FeII 4440, and possibly CaII 3950 also. This suggests that [AT2017gmr](#) is a young CC supernova, whose development will be monitored.

Related

[11083](#) [OAUNI photometry of SN2017gmr/DLT17cq](#)
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