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IGR J17329-2731

Swift/XRT localization and characterization

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IGR J17329-2731: Swift/XRT localization and characterization

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 on 16 Aug 2017; 21:46 UT
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Subjects: X-ray, Transient

Referred to by ATel #: [10682](#), [10685](#), [11273](#)

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The new INTEGRAL transient IGR J17329-2731 (ATel #[10644](#)) was observed with Swift/XRT on 2017 August 16 from 2:26 to 2:45 UTC (effective exposure time 1 ks).

A single faint X-ray source (0.07 cts/s) is detected by Swift/XRT within the positional uncertainty provided by INTEGRAL IBIS/ISGRI. The best position obtained from the on-line XRT data analysis tool is at RA, Dec (J2000.0) = 263.20952 deg, -27.50135 deg (the associated 90% confidence level uncertainty is 3.1 arcsec; Evans et al. 2009, MNRAS, 397, 1177).

The XRT spectrum could be preliminarily characterized by an absorbed power-law model, providing indication of a high absorption column density ($>1E23$ cm⁻²) and hard emission (power-law photon index ~ 0.2). The estimated X-ray flux in the 0.5-10 keV energy band is about $2.5E-11$ erg/cm²/s.

We are grateful to the Swift planning team for the very rapid scheduling of the Swift ToO observation.

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