



## GCN CIRCULAR 24139: LIGO/Virgo S190408an: INTEGRAL follow-up observations

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J.-P. Roques, E. Jourdain, P. von Ballmoos (IRAP, France) report:

The INTEGRAL observatory performed follow-up observations of the  
LIGO/Virgo compact binary merger candidate S190408an (GCN #24069)  
in the form of the fast TOO operational test.

The observations were carried out from 2019-04-10 11:13:07 to 2019-04-10  
17:10:47  
in the staring and hexagonal dithering modes with a total observing time of  
approximately 18 ks. They were centred on the coordinates RA=350.2,  
Dec=-56.0  
and covered ~42% of the LIGO/Virgo localization probability with the  
highest sensitivity.

We do not detect any new sources in the complete IBIS/ISGRI (25-60 keV)Â  
mosaicked image  
with the best sensitivity of 16.5 mCrab ( $1.6e-10$  erg/cm<sup>2</sup>/s, 3-sigma  
upper level) in this energy range.