INTEGRAL and radio joint programme of FRB121102 during a renewed activity


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Referred to by ATel #: 13098, 13235

Here we report on a renewed activity of the repeating fast radio burst FRB121102. During an ongoing programme involving the INTEGRAL satellite in hard X-rays, the Arecibo, Effelsberg, and the Nançay radio telescopes, several radio bursts were detected in the last days. Previous activity of the source has also been reported using the FAST telescope (ATel #13064).

Our last observation on September, 3rd indicates that FRB121102 is still active and our monitoring of the source will continue in the coming days according to the following schedules:

- INTEGRAL observations will continue till 2019, September 6 05:00 UTC (revolution 2132 and 2133, see detailed scheduling information at https://www.cosmos.esa.int/web/integral/schedule-information)

- Nançay will observe on:
04.09.2019 05h59 -> 06h59 UT
05.09.2019 05h55 -> 06h55 UT
06.09.2019 05h51 -> 06h51 UT

- Effelsberg will observe on:

4.9 from 0:15 to 7:00 UTC
5.9 from 0:15 to 7:00 UTC
6.9 from 0:15 to 7:00 UTC

We encourage multifrequency observations during these periods.

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