INTEGRAL and radio joint programme of FRB121102 during a renewed activity

Gouiffes, C.; Spitler, L.; Cognard, I.; Maury, A.; Hessels, J.; Seymour, A.; Di, L.; Laurent, P.; Floc'h, E. Le; O'Connor, E.; Corbel, S.; Cruces, M.; Dennefeld, M.; Götz, D.; Qian, L.; Savchenko, V.; Shearer, A.; Rodriguez, J.; Zarka, P.

Publication date
2019

Document Version
Final published version

Published in
The astronomer's telegram

The Astronomer's Telegram
Post | Search | Policies
Credential | Feeds | Email

2 Mar 2020; 09:19 UT

[Previous | Next | ADS]

INTEGRAL and radio joint programme of FRB121102 during a renewed activity

ATel #13073; *Christian Gouiffes (CEA Saclay), Laura Spitler (MPIfR), Ismael Cognard (CNRS OrlÃ©ans), Anaelle Maury (CEA Saclay), Jason Hessels (University of Amsterdam), Andrew Seymour (Obs. Arecibo), DI Li (NAOC), Philippe Laurent (CEA Saclay), Emeric Le Floc'h (CEA Saclay), Eoin O'Connor (NUI Galway), StÃ©phane Corbel (CEA Saclay), Mary Cruces (MPIfR), Michel Dennefeld (IAP), Diego GÃ¶tz (CEA Saclay), Lei Qian (NAOC), Volodymyr Savchenko (ISDC Geneva), Andy Shearer (NUI Galway), Jerome Rodriguez (CEA Saclay), Philippe Zarka (Observatoire de Paris)*
*on **3 Sep 2019; 19:28 UT***
Credential Certification: Jerome Rodriguez (jrodriguez@cea.fr)

Related
13235 Detection of Multiple Radio Bursts from FRB 121102 using the Deep Space Network
13098 MeerKAT detections of FRB 121102 at L-band
13090 Detection of A Fast Radio Burst from FRB 121102 with the Haoping 40m Radio Telescope, China
13075 UKIRT NIR upper limit on FRB121102
13073 INTEGRAL and radio joint programme of FRB121102 during a renewed activity
13064 FAST Detects Multiple Bursts in L-band from FRB 121102

Subjects: Radio, X-ray, Gamma Ray, Transient, Fast Radio Burst

Referred to by ATel #: 13098, 13235

Here we report on a renewed activity of the repeating fast radio burst FRB121102. During an on-going 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.

[**Telegram Index**]

R. E. Rutledge, Editor-in-Chief rrutledge@astronomerstelegram.org
Derek Fox, Editor dfox@astronomerstelegram.org
Mansi M. Kasliwal, Co-Editor mansi@astronomerstelegram.org