



## UvA-DARE (Digital Academic Repository)

### TOASTER: Times-Of-Arrival Tracker

Lazarus, P.; Bassa, C.; Desvignes, G.; Hessels, J.; Verbiest, J.; Karuppusamy, R.

**Publication date**

2020

**Document Version**

Final published version

**Published in**

<http://ascl.net/>

**License**

Unspecified

[Link to publication](#)

**Citation for published version (APA):**

Lazarus, P., Bassa, C., Desvignes, G., Hessels, J., Verbiest, J., & Karuppusamy, R. (2020). TOASTER: Times-Of-Arrival Tracker. *<http://ascl.net/>*, 2003.009. <http://ascl.net/2003.009>

**General rights**

It is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), other than for strictly personal, individual use, unless the work is under an open content license (like Creative Commons).

**Disclaimer/Complaints regulations**

If you believe that digital publication of certain material infringes any of your rights or (privacy) interests, please let the Library know, stating your reasons. In case of a legitimate complaint, the Library will make the material inaccessible and/or remove it from the website. Please Ask the Library: <https://uba.uva.nl/en/contact>, or a letter to: Library of the University of Amsterdam, Secretariat, Singel 425, 1012 WP Amsterdam, The Netherlands. You will be contacted as soon as possible.

## ASCL Code Record

### [[ascl:2003.009](#)] [TOASTER: Times-Of-Arrival Tracker](#)

[Lazarus, Patrick](#) ; [Bassa, Cees](#) ; [Desvignes, Greg](#) ; [Hessels, Jason](#) ; [Verbiest, Joris](#) ; [Karuppusamy, Ramesh](#) ...

TOASTER is a pulse times-of-arrival (TOA) tracker. It stores reduced/folded observations, meta data, templates, profiles, TOAs, and timefiles in an organized manner using an SQL database. TOASTER also provides a full-featured python toolkit for reliably interacting with the data and database, and provides scripts that, for example, list and summarize the TOAs in the data base, and generate TOA files in multiple formats. The framework can also be used to generate TOAs from observations using flexible and reproducible plugins referred to as "manipulators".

Code site: <https://github.com/plazar/TOASTER>

Described in: <https://ui.adsabs.harvard.edu/abs/2016MNRAS.458..868L>

Bibcode: [2020ascl.soft03009L](#)

[Explain these fields?](#)

Discuss

Views: 1317

[Suggest a change or addition.](#)



[Add this shield to your page](#)

Sign Up to see what your friends like.

Content is subject to license and copyright by respective content creators and entities.

Page rendered in **0.0274** seconds.

