Gaia Data Release 3 13 June 2022

On all the Gaia DR3 info and tools you wish you knew about

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Three main websites



- Data available from archive
- Info available from Cosmos
- Help and documentation available from help pages.

Just released!



- Gaia data release documentation
- Many data products described from raw to scientific product
- Large effort from many people
- This would not have been possible without the work from each and everyone one of them, each being a link in a big chain.
- Please follow <u>our credit guidelines</u>, to help increase visibility to the Gaia mission and as a credit to the work from these people

Just released!



Gaia Data Release 3 papers

- Link to special issue
- Papers for download
- Tomorrow papers appear on ArXiv
- Some papers come with tables.
 - In the Gaia Archive = see page
 - Also extra from papers in CDS / Vizier
- Gaia Early Data Release 3 papers still applicable to Gaia DR3.

How to get most quickly up to speed?

- Read our science stories
- Most data products discussed
- Links to relevant papers discussing the content.

Gaia DR3 software tools



- NEW: Gaia DR3 software tools
- Don't waste time developing these yourselves
- GaiaXPy, a tool for BP/RP spectra, developed by CU5
- Many tools for work with astrophysical parameters
- Copied over useful tools from Gaia EDR3 and Gaia DR2
- Added useful tutorials regarding bulk download and DataLink

Gaia DR3 auxiliary data



- Some <u>auxiliary data</u> you wish you knew existed
- Now created one page per release, with main page leading to some general auxiliary data as well.
- Contains passbands, sampling tables, cross-match tables, solar analogue spectrum,

Gaia DR3 known issues





- If issues are found, they are posted on the release known issues page
- Relevant ones from Gaia EDR3 have been copied over!
- Contains description of the issue, with often a fix provided or a table of the sources affected.

Gaia DR3 events + RECORDINGS



- Now, events across the world are organized to present the release
- More presentations this afternoon, evening and in the coming days
- Soon, also the recordings will be published on events page.

Gaia's help pages



- Access to many resources
 - Tutorials
 - Documentation
 - Info on crediting
 - FAQ
 - How to ask questions
 - Create your own user account
- Check out the DataLink updated tutorials
- Useful query examples, including Gaia DPAC created ones.

Gaia Data Release 3 overview page

- Overview page per release.
- Leads to all relevant information on the release.
- Updates can be made! So keep posted!

How to be kept up to date on Gaia?

Gaia Para Constant Co

- How to be kept up to date?
- Gaia Cosmos home (news, stories, resources, ...)
- Twitter: @ESAGaia
- Gaia Newsletter
 - sent out irregularly,
 - when important news is out
 - with full overview of news since last newsletter

Gaia Gaia Data Release 3 is out! Brought to you by....