

Online software news



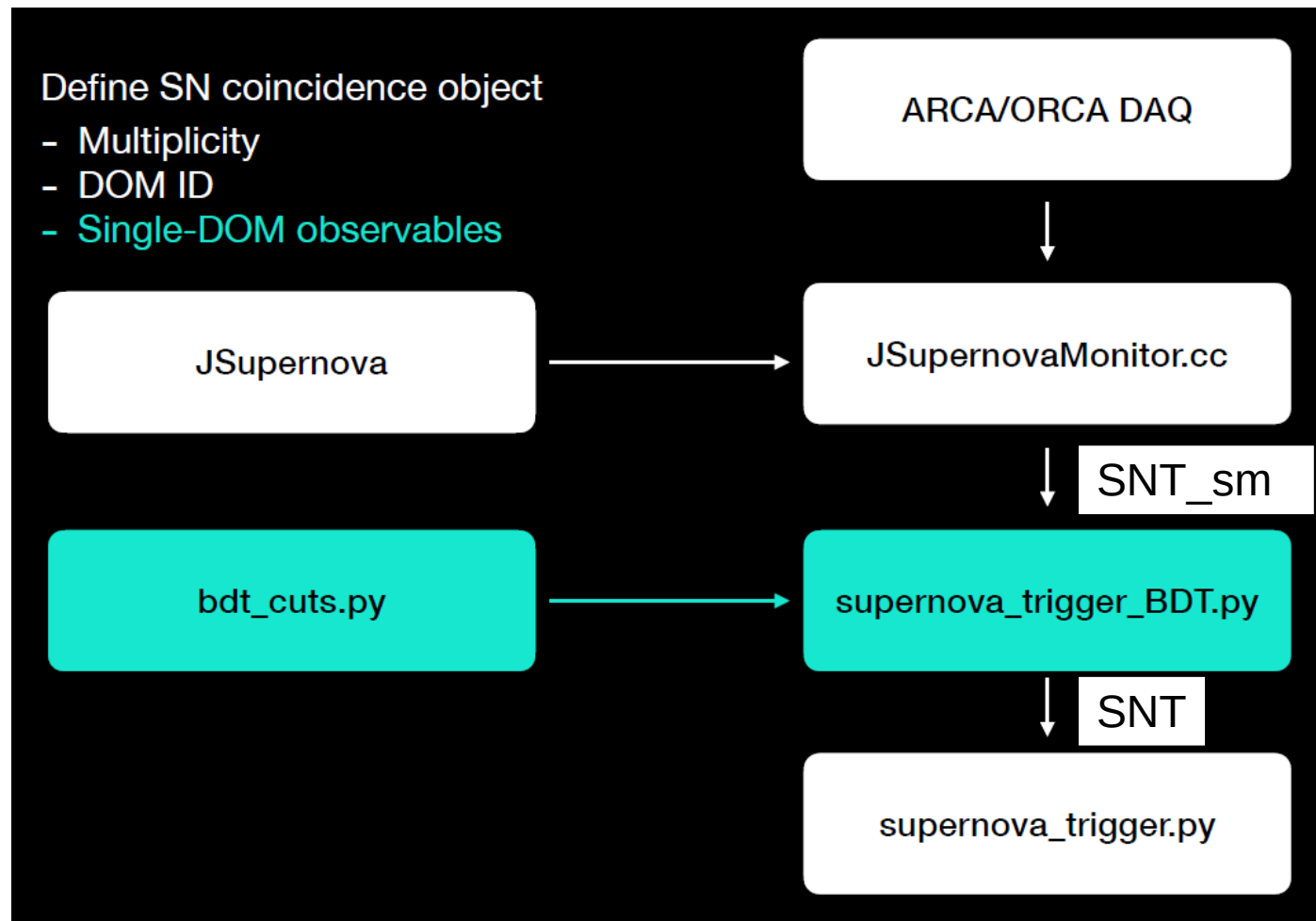
Emmanuel Le Guirriec

CPPPM Astro meeting

5 December 2023

BDT cut for CCSN

- Sonia proposed a plan to apply a BDT cut after JSupernovaMonitor



New server for online production



- Will be dedicated to production only (RTA)
- Antorcamm1 also for RTA
- Antorcamm2 dedicated to MM and monitoring
- Antorcadaq9 for development

Snakemake pipeline to prepare ML datasets

- **Git project:**

https://git.km3net.de/online_multimessenger/orca_ml_datasets_preparation/

- **Plots produced at the end of the pipeline. Have a look:**

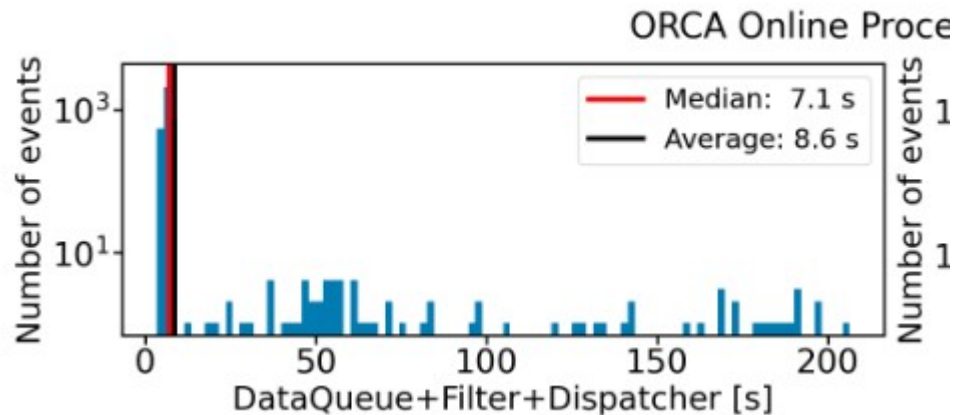
- /sps/km3net/users/guirriec/results/KM3NeT_00000148/v8.1/standard

- **Next steps**

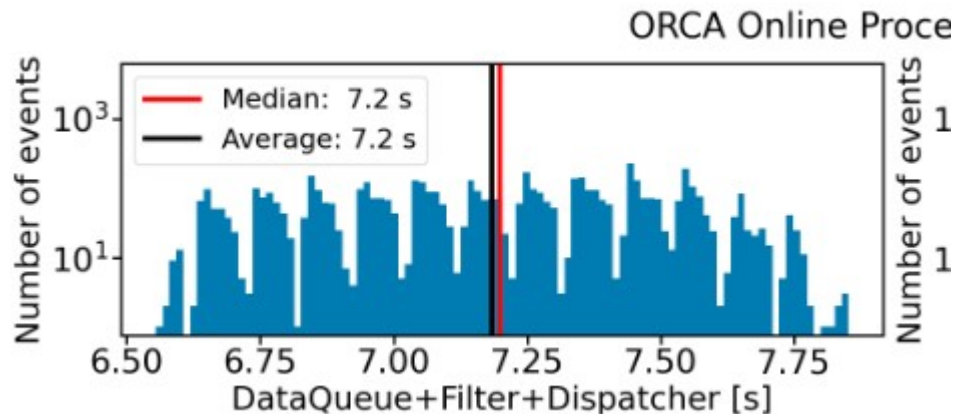
- Train the model.
- Test to run in interactive mode and/or on the grid
- Livetime introduced at the end of the pipeline. Can be done during conversion step.

Data queue and filter delay

- High level monitoring plots was stuck. Restarted last week



- Emidio contacted and with nothing done about it!



DB issue

- Size on disk : high (under control) but can be reduced during next see operation
- New GCN alert receiver
 - Issue with specialization of GRB of FERMI notices: GRB -> GRB, TRANSIENT ou UNDEF
 - Could be considered as TRANSIENT of FERMI_LAT notices?
 - A bug found for notices type 123 and 125.
 - The shifter tools is crashing when displaying those notices
 - Jérôme contacted