## Simulation catalogue

Pietro Meloni 13-11-2023 LIME\_MC\_catalogue 🕁 🗈 🗠

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	А	В	c	D	E	F	G	Н	L
1	seq_ID	creation_date	run_description	events	file_URL	cloud_file_path	bckg	diff_const_sigma0T	diff_coeff_T
2	0	2022-05-11	8 keV Sat NewCode Iso RandZ	30.0	https://s3.cloud.infn.it/v1/AUTH	/s3/cygno-sim/digitized/LIME_08_keV_Sat_	1.0	0.07840000092983246	0.01231999974697828
3	1	2022-05-11	8 keV Sat NewCode Iso RandZ	30.0	https://s3.cloud.infn.it/v1/AUTH	/s3/cygno-sim/digitized/LIME_08_keV_Sat_	1.0	0.07840000092983246	0.01231999974697828
4	2	2022-05-11	8 keV Sat NewCode Iso RandZ	30.0	https://s3.cloud.infn.it/v1/AUTH	/s3/cygno-sim/digitized/LIME_08_keV_Sat_	1.0	0.07840000092983246	0.012319999746978283
5	3	2022-05-11	8 keV Sat NewCode Iso RandZ	30.0	https://s3.cloud.infn.it/v1/AUTH	/s3/cygno-sim/digitized/LIME_08_keV_Sat_	1.0	0.07840000092983246	0.012319999746978283
6	4	2022-05-11	8 keV Sat NewCode Iso RandZ	30.0	https://s3.cloud.infn.it/v1/AUTH	/s3/cygno-sim/digitized/LIME_08_keV_Sat_	1.0	0.07840000092983246	0.012319999746978283
7	5	2022-05-11	8 keV Sat NewCode Iso RandZ	30.0	https://s3.cloud.infn.it/v1/AUTH	/s3/cygno-sim/digitized/LIME_08_keV_Sat_	1.0	0.07840000092983246	0.012319999746978283
8	6	2022-05-11	8 keV Sat NewCode Iso RandZ	30.0	https://s3.cloud.infn.it/v1/AUTH	/s3/cygno-sim/digitized/LIME_08_keV_Sat_	1.0	0.07840000092983246	0.012319999746978283
9	7	2022-05-11	8 keV Sat NewCode Iso RandZ	30.0	https://s3.cloud.infn.it/v1/AUTH	/s3/cygno-sim/digitized/LIME_08_keV_Sat_	1.0	0.07840000092983246	0.012319999746978283
10	8	2022-05-11	8 keV Sat NewCode Iso RandZ	30.0	https://s3.cloud.infn.it/v1/AUTH	/s3/cygno-sim/digitized/LIME_08_keV_Sat_	1.0	0.07840000092983246	0.012319999746978283
11	9	2022-05-11	8 keV Sat NewCode Iso RandZ	30.0	https://s3.cloud.infn.it/v1/AUTH	/s3/cygno-sim/digitized/LIME_08_keV_Sat_	1.0	0.07840000092983246	0.012319999746978283
12	10	2022-05-11	8 keV Sat NewCode Iso RandZ	30.0	https://s3.cloud.infn.it/v1/AUTH	/s3/cygno-sim/digitized/LIME_08_keV_Sat_	1.0	0.07840000092983246	0.012319999746978283
13	11	2022-05-11	8 keV Sat NewCode Iso RandZ	30.0	https://s3.cloud.infn.it/v1/AUTH	/s3/cygno-sim/digitized/LIME_08_keV_Sat_	1.0	0.07840000092983246	0.012319999746978283
14	12	2022-05-11	8 keV Sat NewCode Iso RandZ	30.0	https://s3.cloud.infn.it/v1/AUTH	/s3/cygno-sim/digitized/LIME_08_keV_Sat_	1.0	0.07840000092983246	0.012319999746978283
15	13	2022-05-11	8 keV Sat NewCode Iso RandZ	30.0	https://s3.cloud.infn.it/v1/AUTH	/s3/cygno-sim/digitized/LIME_08_keV_Sat_	1.0	0.07840000092983246	0.012319999746978283
16	14	2022-05-11	8 keV Sat NewCode Iso RandZ	30.0	https://s3.cloud.infn.it/v1/AUTH	/s3/cygno-sim/digitized/LIME_08_keV_Sat_	1.0	0.07840000092983246	0.01231999974697828
17	15	2022-05-11	8 keV Sat NewCode Iso RandZ	30.0	https://s3.cloud.infn.it/v1/AUTH	/s3/cygno-sim/digitized/LIME_08_keV_Sat_	1.0	0.07840000092983246	0.012319999746978283
18	16	2022-05-11	8 keV Sat NewCode Iso RandZ	30.0	https://s3.cloud.infn.it/v1/AUTH	/s3/cygno-sim/digitized/LIME_08_keV_Sat_	1.0	0.07840000092983246	0.012319999746978283
19	17	2022-05-11	8 keV Sat NewCode Iso RandZ	30.0	https://s3.cloud.infn.it/v1/AUTH	/s3/cygno-sim/digitized/LIME_08_keV_Sat_	1.0	0.07840000092983246	0.012319999746978283
20	18	2022-05-11	8 keV Sat NewCode Iso RandZ	30.0	https://s3.cloud.infn.it/v1/AUTH	/s3/cygno-sim/digitized/LIME_08_keV_Sat_	1.0	0.07840000092983246	0.012319999746978283
21	19	2022-05-11	8 keV Sat NewCode Iso RandZ	30.0	https://s3.cloud.infn.it/v1/AUTH	/s3/cygno-sim/digitized/LIME_08_keV_Sat_	1.0	0.07840000092983246	0.012319999746978283
22	20	2022-05-11	100 keV Sat NewCode Iso RandZ	30.0	https://s3.cloud.infn.it/v1/AUTH	/s3/cygno-sim/digitized/LIME_100_keV_Sat	1.0	0.07840000092983246	0.01231999974697828
23	21	2022-05-11	100 keV Sat NewCode Iso RandZ	30.0	https://s3.cloud.infn.it/v1/AUTH	/s3/cygno-sim/digitized/LIME_100_keV_Sat	1.0	0.07840000092983246	0.01231999974697828: -
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tracks 💌

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digitization • reconstruction

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https://docs.google.com/spreadsheets/d/1XJ0P6zK83egpaPwSXfflgTVpL\_o67vL5TJpjC7c9bsA/edit?usp=sharing

## This sheet will be maintained manually

## But in the near future:

- the user will manually upload the files to the cloud
- a script will be launched periodically to read the files in the cloud and update 3 SQL tables SQL that will be visible on Grafana (tracks, digitiz. and reco).

**NOTE**: we need to start to save **all parameters**, **paths of input files** and **descriptions (tag)** in the output file, so that a script can retrieve all the info. This should be done for tracks (SRIM/geant4), digitization, and reconstruction.