

Templates for paper contribution

Reference from Chris

https://drive.google.com/drive/folders/1wN62Wu_Cebby8wDurA2sDkhJ_DalRojJ?usp=share_link

<https://docs.google.com/document/d/1IYzGa4fBTsgoSBVLX7aU2wM51XT4iP1fWCblpnKVVW9c/edit>

<https://github.com/slac-lcls/lcls2/blob/master/psana/psana/pscalib/calib/MDBWebUtils.py>

```
import psana.pscalib.calib.MDBWebUtils as wu
```

```
d = wu.calib_constants_all_types(det, exp=None, run=None, time_sec=None, vers=None, url=cc.URL, dbsuffix="")
```

```
d = {ctype:(data,doc),}
```

```
epix10ka_raw_2_0_1 < epix_base < AreaDetector < DetectorImpl
```

```
epixhr2x2_raw_2_0_1(eb.epix_base)
```

```
epix10ka_raw_2_0_1(eb.epix_base):
```

<https://github.com/slac-lcls/lcls2/blob/master/psana/psana/detector/epixhr2x2.py>

<https://github.com/slac-lcls/lcls2/blob/master/psana/psana/detector/epix10ka.py>

[EPIX10KA#Gaincorrectionfiles](#)

<https://lcls.slac.stanford.edu/detectors/ePix10k>

https://lcls.slac.stanford.edu/sites/default/files/lcls-docs/ePix10k_spec_sheet.docx.pdf

<https://lcls.slac.stanford.edu/sites/default/files/lcls-docs/ePix100%20Geometry.pdf>

. 2020 May 1;27(Pt 3):608-615. doi: 10.1107/S1600577520004257. Epub 2020 Apr 17.

The ePix10k 2-megapixel hard X-ray detector at LCLS

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https://github.com/slac-lcls/lcls2/blob/master/psana/psana/app/epix10ka_pedestals_calibration.py