Communications

Conferences

– **MPGD19** (2 talks and 2 posters)

Manuscripts, should be submitted by **1 July 2019**

– **IEEE19** (Manchester) Sent 3 abstracts:
    1. General CYGNO
    2. Stability tests
    3. New Gas tests

– **SIF19** (GSSI) Sent 1 (?) abstract:
    1. General CYGNO

– **CYGNUS19** (Roma1)
    – Deadline for abstract submission: May 20, 2019
    – Send 1 (?) abstract:
        1. General CYGNO

IbPRIA 2019: 9th Iberian Conference on Pattern Recognition and Image Analysis. Sent 2 abstracts:

1. i2DBSCAN (Igor and Andrea)
2. Brazilian team work (pre-processing of images)

Papers

Performance of Optically Readout GEM-based TPC with a ^{55}Fe source

- Submitted to ArXiv

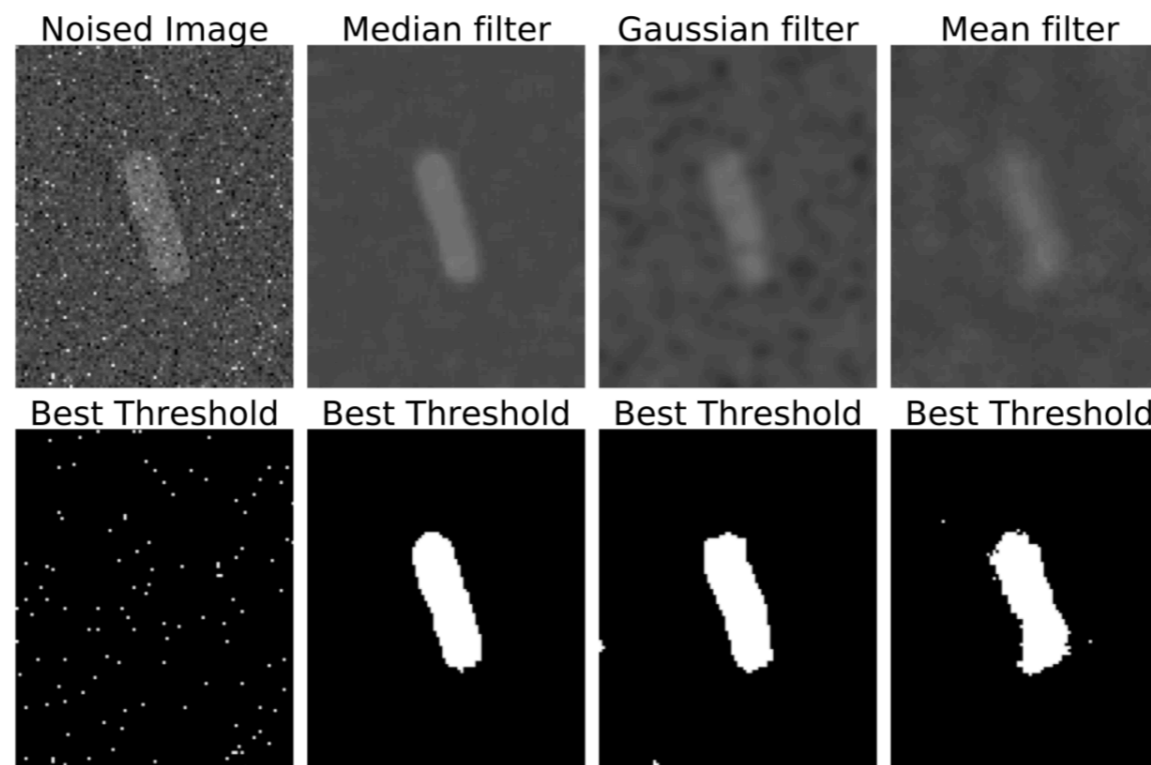http://arxiv.org/abs/1905.04066

- and JINST

Preprint: JINST_024P_0519

Brazilian team

- Colleagues of Igor are working on filters for image pre-processing before any clusterization or analisys algorithm.

Noised Image	Median filter	Gaussian filter	Mean filter
Best Threshold	Best Threshold	Best Threshold	Best Threshold

- In the meanwhile they are developing a "image simulation method" that can be useful for us;

- We need to provide them indications (from measurements or Garfield) about track physics (light yield, cluster distribution, diffusion effect…)

Test Beam at BTF

- In June at BTF the table step motor won't be available.

- Since it's crucial for our scan and very likely LIME won't be available by June, I asked a new slot.

- The only other possibility is in October and this seems to fit with our schedule.

- So, June Test beam at BTF will be postponed to October.