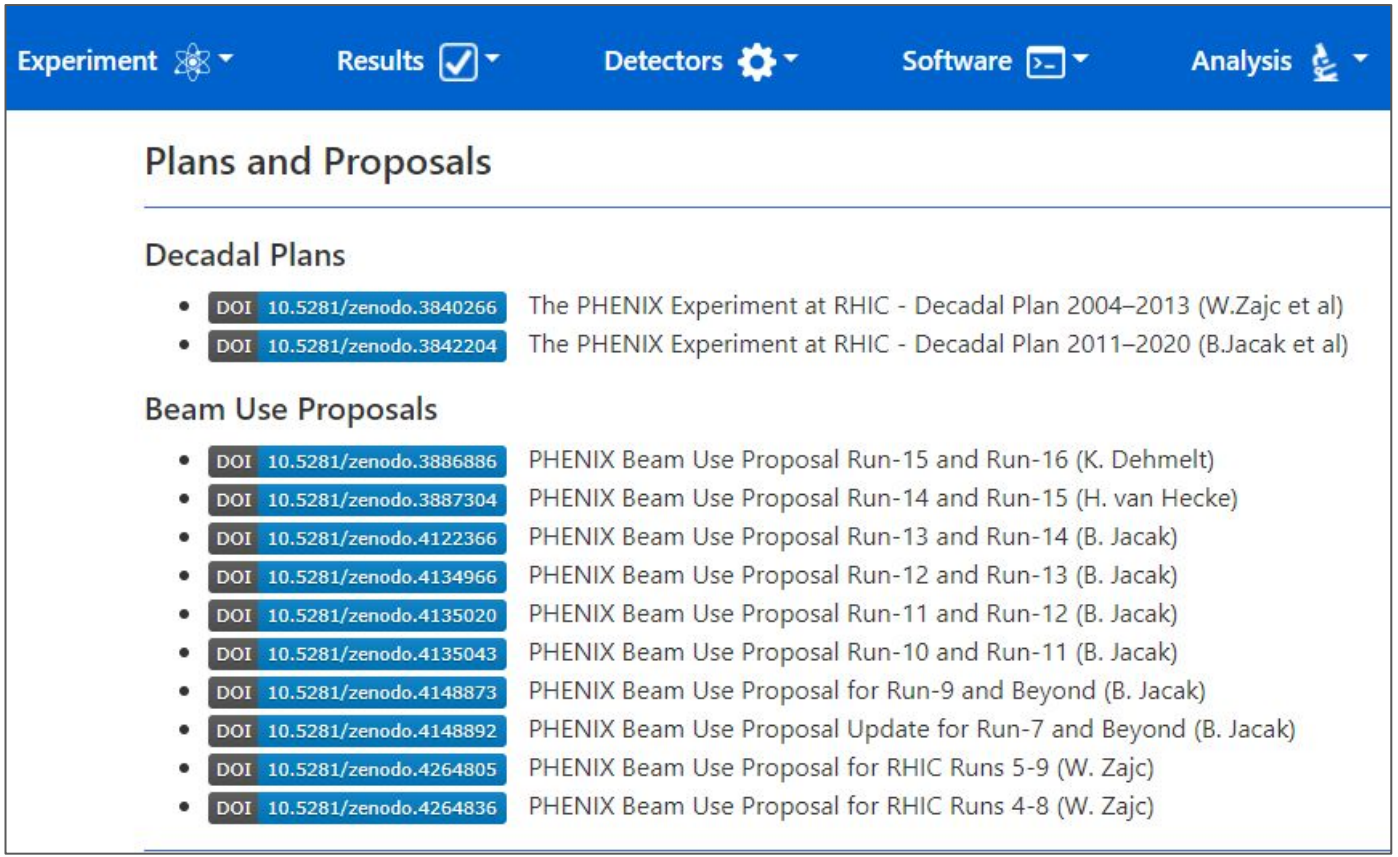
The PHENIX DAP update

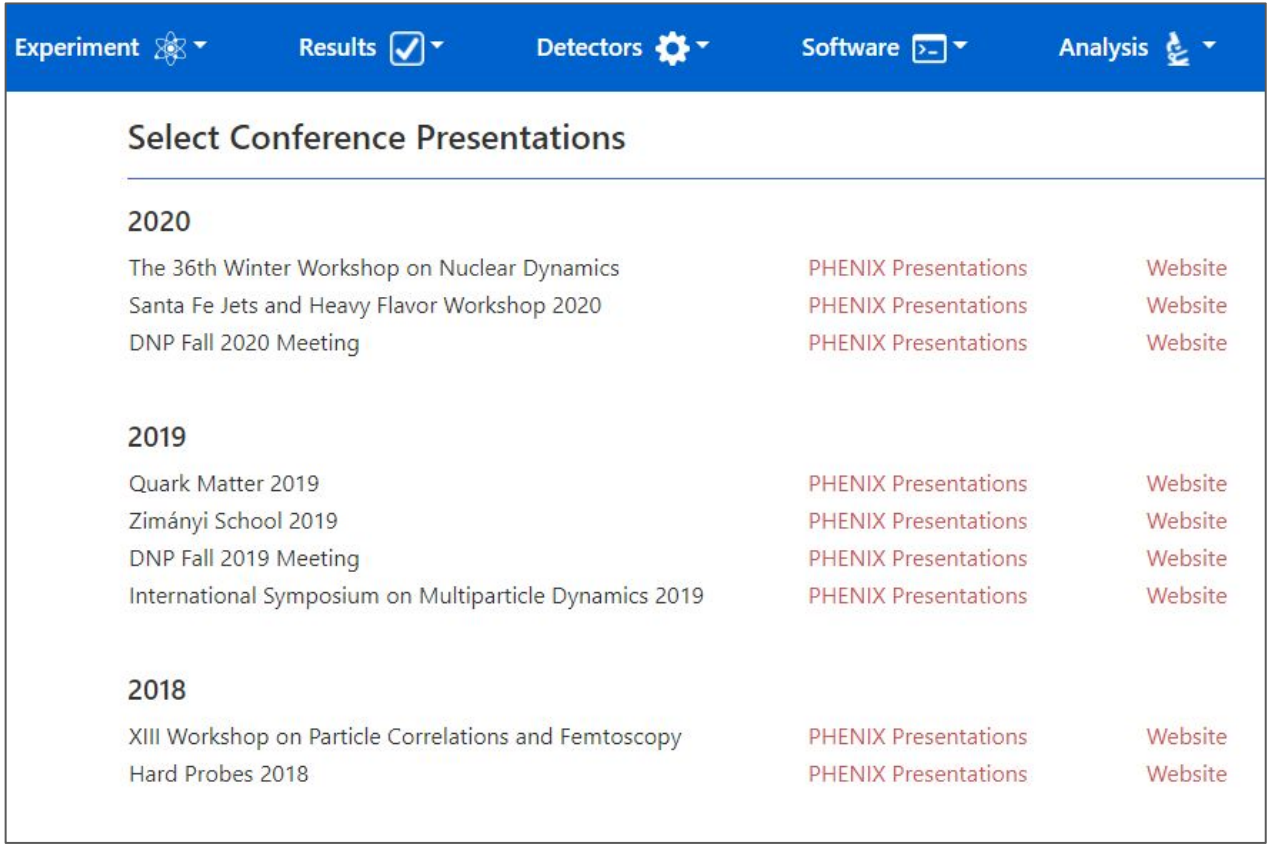
- Zenodo
- Keywords and Conferences
- HEPData/GitHub

Maxim Potekhin
(BNL, NPPS)
11/12/2020

Zenodo: completed BUP uploads



Added DNP2020, ready for uploads to Zenodo



Growing list of keywords, correcting some on Zenodo

Experiment | Results | Detectors | Software | Analysis

Conferences (9 items)

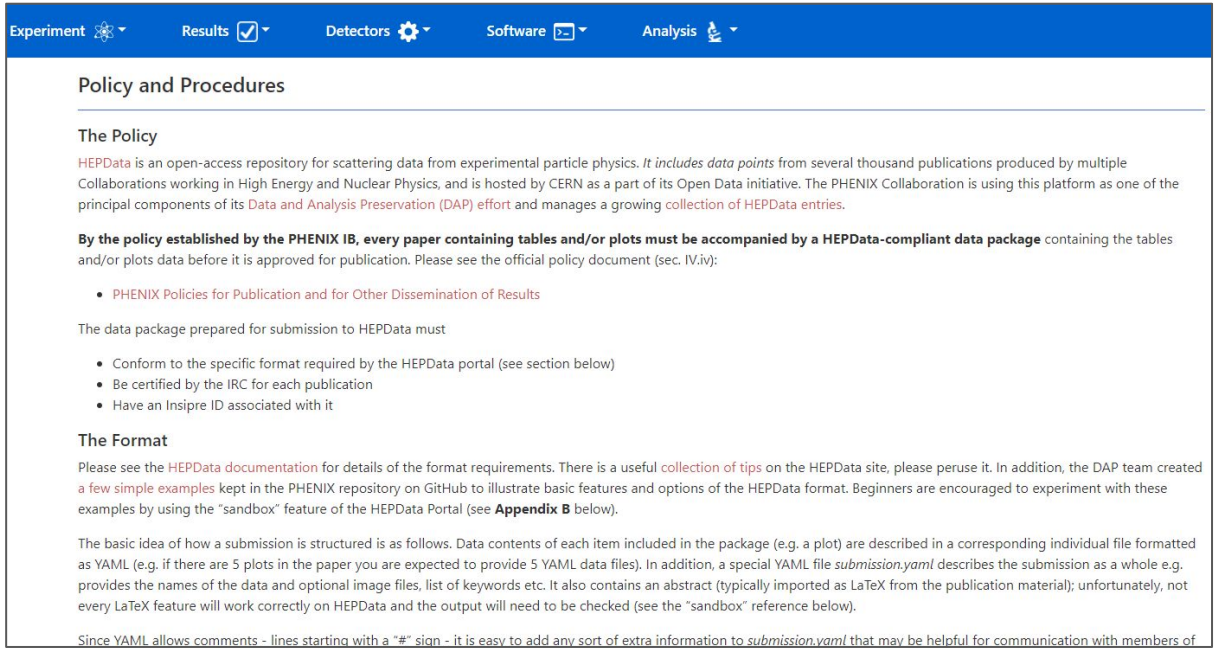
Keyword	Description
dnp19	DNP (2019)
dnp20	DNP (2020)
hp18	Hard Probes 2018
ismd19	International Symposium on Multiparticle Dynamics (2019)
qm2019	Quark Matter (2019)
sfjhf20	Santa Fe Jets and Heavy Flavor Workshop (2020)
wpcf2018	XIII Workshop on Particle Correlations and Femtoscopy
wwnd2020	The 36th Winter Workshop on Nuclear Dynamics (2020)
zs19	Zimányi School (2019)

Physics (69 items)

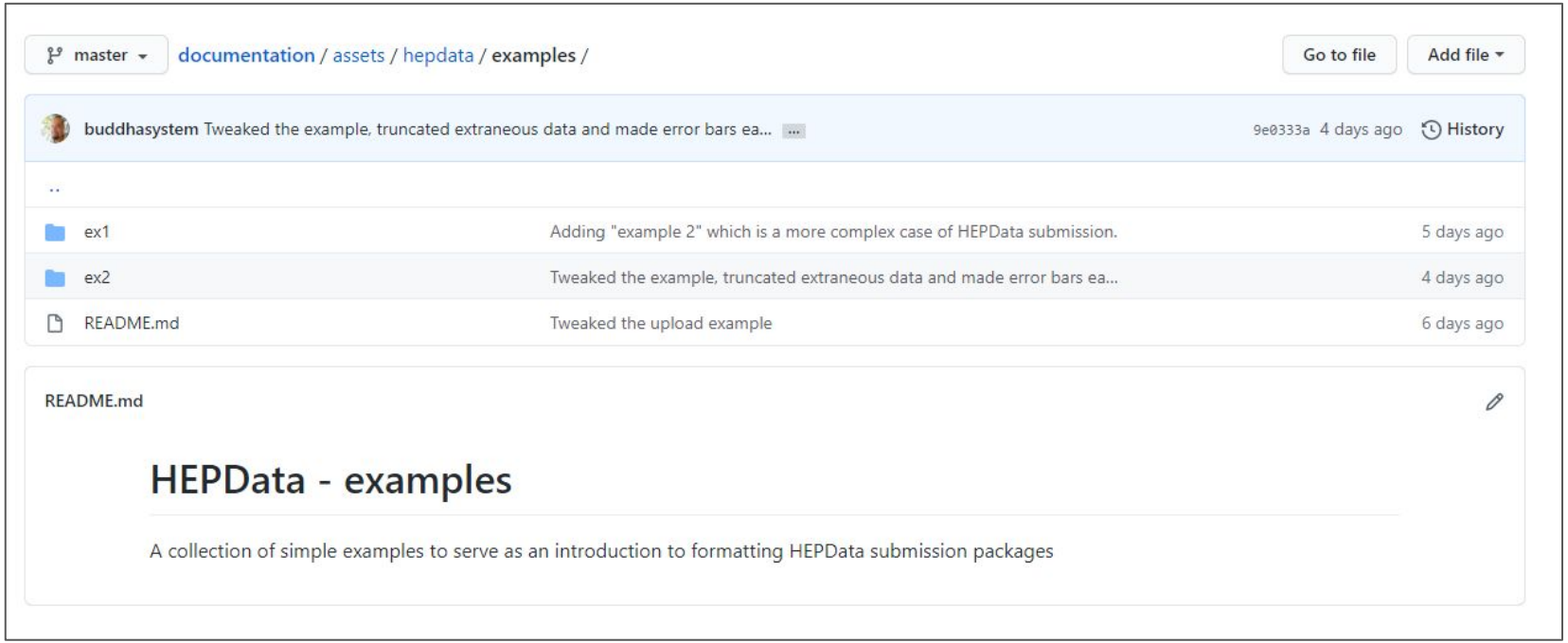
Keyword	Description
3he+au	Helium3-on-gold collisions
anisotropy	Anisotropy
asymmetry	Asymmetry
au+au	Gold-on-gold collisions
azimuthal	Azimuthal
b-meson	B meson
binary scaling	Binary scaling
bose-einstein	Bose-Einstein statistics
bottom	Particles containing the b-quark
centrality	Centrality characteristic of the collision

HEPData instructions page: approve and publish?

A substantial rewrite of the HEPData page, more details added, appendix section added to reduce clutter in the main portion of the instructions
https://phenixcollaboration.github.io/web/results/hepdata.html



Created original HEPData examples (on GitHub), links added to the HEPData page on site



Other HEPData items

- HEPData workshop on 11/10/2020, one more to follow (C.Nattrass)
- Need to add functionality to the keywords page to make it easier to refer to **Zenodo and HEPData** as needed, by same keywords
- “Fixing” older HEPData submissions by adding more keywords is doable, it’s easier for more recent ones where we have complete packages on GitHub
- Unlike Zenodo, there must be a complete new submission for such a correction to take effect
- We have a list of PPGs in the HEPData pipeline or ones which need guidance. This activity is picking up, with the momentum generated by the workshop etc
    - All agree extra DB work is not justified
    - Christine’s spreadsheet is a good starting point, where/how to keep it?

Misc items

- PHENIX hosting on Open Data is approved in principle, but they still need to formally allocate and configure storage which is done by the facility people, and unfortunately this takes time (they are really busy these days)
- PHENIX Phone Book - currently doing DB dump for the site, but
  - Tables are not normalized
  - MGS not in sync with Institutional Affiliation (years don't match), this is currently fixed in a custom script created for the site, not a clean solution
  - In some cases people on MGS are not in the main "people" table
  - We can't count on active support of these tables
- **Proposal: switch to to the CSV file kept on GitHub (as it is now) as the definitive list of current members**. Not hard to adjust the MGS procedure.
- Easy to edit directly on GitHub or Excel or any editor. See next page.

The Phone Book (current CSV on GitHub)

80 lines (80 sloc) | 9 KB

Raw Blame

Search this file...

	family_name	first_name	email	inst_name
2	Li	Xuan	xuanlipx@rcf.rhic.bnl.gov	Los Alamos National Laboratory, Los Alamos, New Mexico 87545, USA
3	Aidala	Christine	caidala@bnl.gov	Department of Physics, University of Michigan, Ann Arbor, Michigan 48109-1040, USA
4	Akiba	Yasuyuki	akiba@bnl.gov	RIKEN Nishina Center for Accelerator-Based Science, Wako, Saitama 351-0198, Japan
5	Bazilevsky	Alexander	shura@bnl.gov	Physics Department, Brookhaven National Laboratory (BNL), Upton, New York 11973-5000, USA
6	Berdnikov	Yaroslav	berdnikov@spbstu.ru	Saint Petersburg State Polytechnic University, St. Petersburg, 195251 Russia
7	Chiu	Mickey	chiu@bnl.gov	Physics Department, Brookhaven National Laboratory (BNL), Upton, New York 11973-5000, USA
8	David	Gabor	david@bnl.gov	Department of Physics and Astronomy, Stony Brook University, SUNY, Stony Brook, New York 11794-3800, USA
9	Frawley	Anthony	afrawley@fsu.edu	Florida State University, Tallahassee, Florida 32306, USA
10	Grau	Nathan	ngrau@augie.edu	Department of Physics, Augustana University, Sioux Falls, South Dakota 57197, USA
11	Hong	Byungsik	bhong@korea.ac.kr	Korea University, Seoul 02841, Korea
12	Imrek	Jozsef	mazsi@bnl.gov	Debrecen University, H-4010 Debrecen, Egyetem tér 1, Hungary
13	Johnson	Brant	brant@bnl.gov	Georgia State University, Atlanta, Georgia 30303, USA
14	Lajoie	John	lajoie@iastate.edu	Iowa State University, Ames, Iowa 50011, USA
15	Lebedev	Alexandre	lebedev@iastate.edu	Iowa State University, Ames, Iowa 50011, USA
16	Liu	Ming	ming@bnl.gov	Los Alamos National Laboratory, Los Alamos, New Mexico 87545, USA

Misc items cont’d

- Private repository on GitHub? A relatively new feature
  - Analysis notes etc?
  - Manageable due to a modest number of participants
- Do we want to reduce dependence on custom DB/PHP applications e.g. such as they exist on the internal site? It will be harder to do in the future.