INSPIRE, HEPData, SCOAP³

A status update

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IUGW2017

INSPIRE

- High Energy Physics aggregator
  - http://inspirhep.net/
- Intro at IUGW2015

- Legacy: http://inspirehep.net/ (v1)
- Labs: http://labs.inspirehep.net/ (v2)
- NewLabs: http://newlabs.inspirehep.net/ (v3)
- **We are deploying Invenio 3 this week!**

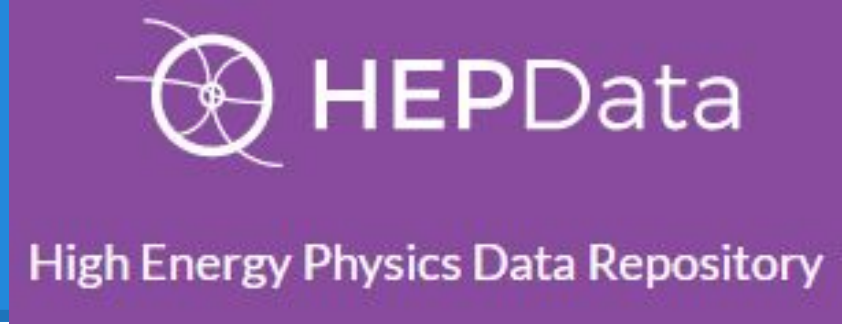
INSPIRE - What's new?

- Full blown JSONSchema-based data model!
- Holding-pen dashboard for our cataloger
- New JSONSchema record editor
- Machine learning/Neural Networks help

TODO

- Automatic matching of duplicates via ES
- Automatic merging of updates/duplicates
- Crowdsourcing for metadata curation
- Enabling search

HEPData



- https://hepdata.net/
- Based on a custom flavour of **Invenio 3**, hosted at CERN
  - *The Durham High Energy Physics Database (HEPData) has been built up over the past four decades as a unique open-access repository for scattering data from experimental particle physics. It currently comprises the data points from plots and tables related to several thousand publications including those from the Large Hadron Collider (LHC).*
- Showcasing Invenio framework alternative implementation

CERN

INSPIRE HEP

SCOAP³ (repository)

- http://repo.scoap3.org/ **Invenio 1** repository aggregating all publications from SCOAP³ participating Publishers
- Moving to **Invenio 3**: http://beta.scoap3.org/

CERN

INSPIRE HEP

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