





HEPDATA

24/11/2017

Keith Ellis

Agenda

Friday, 24 November 2017

- 13:00 - 13:15 **Introduction 15'**
Speaker: Keith Ellis (IPPP Durham)
- 13:15 - 13:45 **HEPData status 30'**
Speaker: Graeme Watt (IPPP Durham)
Material: [Slides](#) 
- 13:45 - 14:00 **CERN and HEPData 15'**
Speakers: Surje Dallmeier-Iiessen (CERN), Salvatore Mele (CERN)
- 14:00 - 14:20 **Discussion 20'**
- 14:20 - 14:30 **Non-LHC experiments and HEPData 10'**
Speaker: Matthew Wing (UCL)
- 14:30 - 14:40 **ALICE and HEPData 10'**
Speaker: Enrico Scapparini (Torino)
- 14:40 - 14:50 **ATLAS and HEPData 10'**
Speaker: Bill Murray (RAL / Warwick University)
- 14:50 - 15:00 **CMS and HEPData 10'**
Speaker: Henning Flaecher (University of Bristol)
- 15:00 - 15:10 **LHCb and HEPData 10'**
Speakers: Ulrik Egede (Imperial College London), Alex Grocu (IFIN HH)
Material: [Slides](#) 
- 15:10 - 15:25 **BSM phenomenology and HEPData 15'**
Speaker: Andy Buckley (University of Glasgow)
- 15:25 - 17:00 **Other possible contributions and discussion 1h35'**

Advisory board – Thanks

- ❖ Jeppe Andersen (IPPP)
- ❖ Andy Buckley (Glasgow)
- ❖ Kyle Cranmer (NYU)
- ❖ Sunje Dallmeier-Tiessen (CERN)
- ❖ Ulrik Egede (IMPERIAL), (Alex Grecu)
- ❖ Henning Flaecher(CMS,Bristol)
- ❖ Daniel Maitre (IPPP)
- ❖ Salvatore Mele (CERN)
- ❖ Bill Murray(ATLAS, RAL.Warwick)
- ❖ Enrico Scomparin (Torino)
- ❖ Matthew Wing (UCL)

Upcoming deadlines

- ❖ Application for new grant 2019-2022, 30 / 1 / 2018 and 13 / 2 / 2018
- ❖ In view of this deadline, we would like to sign the agreement with INSPIRE before this date.
- ❖ Durham University legal office has signed off on the major part of the agreement.
- ❖ Update of the agreement in the offing?
- ❖ Discussion on the addenda

Addendum
CERN contribution to the development, maintenance and
operation of INSPIRE,
December 2016

- **Content selection, ingestion and curation**
 - Analysing user suggestions. Selecting theses, historical material (mostly conference proceedings), conferences and proceedings
 - Ingestion and curation of theses, proceedings, historical materials (possibly with scanning)
 - Ingestion and curation of CERN-authored articles, and some selected content from the CERN Document Server
 - Hand curation of author profiles
 - **Support integration of HEPData content in INSPIRE**
- **User services**
 - Addressing user feedback, author curation
 - Addressing complex user queries
 - Outreach: blog, twitter, help pages
 - **Support HEPData with user feedback and local outreach**
- **Ancillary databases**
 - Maintenance of the conference and institution database
 - Propagating improvements from other metadata curation tasks
 - Design, operation and maintenance of the 'data' database: sources, ingestion, attribution, metadata enhancement
- **Technical operation**
 - Usage and stability monitoring tools
 - Change management
 - Service deployment
 - Hardware
 - **Maintenance of CERN hosting of the HEPData service**
 - **Support troubleshooting and debugging HEPData service operations**
- **Development**
 - User interfaces for content submission/enrichment
 - Back-office curation tools
 - Information retrieval services
 - Workflow tools for external services
 - Integration with other initiatives (arXiv, **HEPData**, ORCID)
 - User testing and interface usability
 - Porting to the next version of the Invenio software

Addendum

IPPP Durham contribution to the development, maintenance and operation of HEPData within Inspire

December 2016

- **Content selection, ingestion and curation**
 - analysing user suggestions for content expansion
 - analysing user suggestions for ingestion of data from specific papers and experiments
 - compiling user suggestions and preparing for decisions by advisory board
 - supporting the ingestion of selected data through web interface
 - curation of database content and quality control of data (through spot checks etc.)
- **User services**
 - addressing user feedback
 - addressing complex user queries for ingestion, curation and provision of data, including support for unusual data formats
 - maintenance of help and FAQ pages
 - outreach: twitter
- **Technical operation**
 - maintenance of user interface and web services
 - monitoring availability of services
 - redeployment of services
- **Development**
 - user interfaces for content submission and enrichment
 - HEPData-specific support for continued integration with Invenio

Needs clarification

Change since 2015

- ❖ A period of great change for the HEPDATA project
- ❖ Rewrite of HEPDATA software using Invenio.
- ❖ Final retirement of Mike Whalley (after many years)
- ❖ New PI of the project (Ellis)

Remit for today

- ❖ Possible discussion or (better scheduling of discussion) on demarcation between Durham and CERN in terms of technical support.
- ❖ Identify changes in scope - items that we should be including in the DB.
- ❖ Identify Barnacles — items that no longer merit support, (Data reviews, pdf plotter, mirror of PDG ...)
- ❖ Get feedback on the User experience.
- ❖ Educate the New PI.