

APS Update

HEP Information Providers Summit

Harvard-Smithsonian

April 15, 2010

Mark Doyle, American Physical Society

Recent changes at APS journals

- Moved all our journal content to our (rewritten) APS journal platform (we always hosted PROLA)
- New search engine (Solr based)
- New reference database (hadoop, almost complete)
- Research data sets (update coming)
- Introduced APS Journal accounts – single account to be used for author, referee, and reader, services. Working on member services as well.
- MathJax, STIX
- Library of Congress electronic deposit
- *Physics* continues to mature

ORCID

- Open Researcher and Contributor ID
- Very broad collaboration to create an open system for researcher IDs
- APS heavily involved in Technical Working Group and Privacy Working Group.
- High energy physics a likely target for prototype system (many key HEP players represented in TWG and its various subgroups – can exercise all aspects of the system)
- Stay tuned....

Areas of Cooperation

- Data exchange with INSPIRE
- Integration with new INSPIRE APIs (and ADS and arXiv etc.) for external and internal APS applications
- Work to make ORCID an integral part of the information flow
- Collaboration metadata