

5/12/2007

DRAFT  
Expression of Interest:

A Collaboration for Information Services Provision to PPA/HEP Communities

Vision:

We propose a worldwide collaboration of HEP/PPA information providers across the spectrum of libraries, laboratories, publishers and industry that will drive forward the next generation of tools and services to our users. This Expression of Interest calls for all stakeholders of scholarly communication in these fields to join a partnership to plan and implement this new infrastructure

The scientific community's information needs are changing - the time is now ripe to envision and build new, unified and streamlined information discovery and retrieval services in our fields. Together we can integrate and enrich existing services by leveraging current and emerging technologies.

Historically, the different players in HEP/PPA information have maintained parallel systems. Today users cannot easily profit from the strengths of all the systems that currently exist to serve these communities. The ageing technologies of many of these systems are in urgent need of replacement. We propose to join forces, work smarter and deploy modern systems to achieve better results. Together, we can build on each other's strengths, eliminate duplication, and take advantage of new technological developments for the benefit of our users.

The collaboration will bring together different resources, perspectives, and expertise. Some examples of the working groups and proposals for projects developed at the exploratory meeting of the HEP/PPA Information Summit are:

- Identify our user requirements
- Explore and identify new technical platforms
- Systematically analyze current workflows and identify efficiencies
- Integrate the content of present HEP/PPA repositories and databases to systematize and coordinate the entire body of HEP/PPA metadata and the full-text of HEP/PPA publications
- Develop and deploy new approaches to handling current and new data more efficiently and identifying and providing access to evolving information objects our users invent.

We look forward to a prosperous worldwide collaboration to build and operate shared services, which will empower scientists with new tools for successful research.