

# INSPIRE - The Next-Generation HEP Information System

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## Please give a brief summary of your poster

CERN, DESY, Fermilab and SLAC have joined efforts to build INSPIRE, the next-generation HEP information platform which will empower scientists with innovative tools for information discovery and communication.

INSPIRE represents a natural community-based evolution of the successful SPIRES database, maintained for decades by DESY, Fermilab and SLAC, by moving its features and trusted curated content to the modern digital library platform Invenio developed at CERN. It will provide fast access to the entire body of HEP literature. As a subject repository it will host the fulltexts of preprints and Open Access journal articles as well as additional material like conference slides and multimedia to enable novel text- and data mining applications. New metrics will be developed to assess the impact of articles and authors. In the spirit of Web2.0 INSPIRE will also offer tools for collaboration and user-enriched content.

INSPIRE will continue and develop further the role that SPIRES has played as THE reference HEP scientific information platform worldwide, providing a vision for information management in other fields of science.

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