

2008 STIP Working Meeting Abstracts

Presenter: Gloria Zamora, SNL

Topic: Making a Case for Science

Abstract: Making a case for science. The speaker will discuss how the case for science has been made to Congress over the years and how the congressional budget process has made this difficult. The "America COMPETES" legislation will be used as an example as will recommendations from the "Rising Above the Gathering Storm" report to Congress. The speaker will also touch on our country's education problems and some of the issues involved with library closings.

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Presenter: Dr. Walter Warnick, Director, OSTI

Topic: Advancing Science, Accelerating Discovery

Abstract: Sharing scientific and technical knowledge (e.g., R&D findings) advances science; accelerating the spread of scientific knowledge speeds discovery. Accelerating the spread of knowledge inspires everything we do at OSTI and within the STI Program across the DOE complex. Specifically, OSTI aggressively pursues efficient access to DOE's R&D findings as well as to expanded sources of R&D information. Innovative tools, such as the DOE Science Accelerator, Science.gov and WorldWideScience.org, and the technology behind them – federated deep Web searching – are key initiatives that diffuse knowledge generated by DOE-funded researchers and make global discovery possible.

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Presenter: Abe Lederman, Deep Web Technologies

Topic: Federated Search: The Technology for Making Global Discovery a Reality

Abstract: The technology behind WorldWideScience.org will be described. This technology - federated search - enables real-time, simultaneous searching, aggregating and ranking of documents retrieved from multiple information sources. This is important because the ability to perform cross-cutting research requires the efficient access to a large number of information sources, spanning a broad range of disciplines. WorldWideScience.org was championed and developed by OSTI through a partnership between DOE and the British Library, and searches key DOE databases. It is a major accomplishment on the road to making a large percentage of scientific knowledge available from one Web site.

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Presenter: Jane Tierney, LBNL

Topic: LBNL: New Reports Submission System, Generic vs. Copyrighted Documents

Abstract: A report on LBNL's newly designed Oracle-based Reports Submission System and a description of changes in work-flow that are designed to guarantee a greater number of full report submissions in generic PDF format. Current journal copyright issues will be discussed, in relation to author's agreements to honor periods of exclusivity, and the subsequent submission of full-text documents in non-journal copyright form. We will review current DOE guidance on copyright licenses, and discuss current tools for re-editing documents in copyrighted form, in order to create generic reports for acceptable submission to OSTI.

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Presenter: Jannean Elliott, OSTI

Topic: Discovering Data Across the Department: The DOE Data Explorer

Abstract: OSTI's bibliographic and full-text databases provide access to millions of technical reports, peer-reviewed journal articles, and scientific conference documents. This literature documents the results of scientific experiments, and the associated data are discussed in many different ways. Most of the documents do not; however, indicate where the raw and supporting data actually reside. Scientists know where to find data for reference or re-use in their specialized fields. Many potential users of these data collections, however, may not even know they exist, much less *where* to look for them. The DOE Data Explorer is a tool that anyone can use to discover DOE-funded data in data centers, at national laboratories, at colleges and universities, at the websites of professional organizations, consortiums, corporate institutes, international organizations, etc.

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Presenters: Mimi Legan, DOE/CHO; Nancy Doran, PNNL; Lance Vowell, OSTI/IIA; and Kathy Waldrop, OSTI

Topic: Protected PII – Responsibilities, Reviews, Release, and Reporting

Abstract: This presentation will describe OMB and DOE protection requirements related to Protected Personally Identifiable Information (PII). The four “Rs” will be covered by a panel of individuals with diverse backgrounds and responsibilities related to PII. The panelists will share how their respective organizations have implemented policies and procedures, system changes, and corrective actions to safeguard against potential PII breaches.

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Presenters: Dave Hamrin, ORNL; Janine Ford, NNSASC; and Dale Claflin, INL

Topic: Review/Release Q&As

Abstract: The review of information prior to external release is primarily driven by DOE Order 241.1A (STI Management), DOE Manual 470.4-4 (Information Security), and DOE Manual 475.1-1B (Classification). The review requirements in these documents focus on classified and unclassified controlled information. The latter is an umbrella term that covers such topics as Official Use Only (ECI, Protected Data – CRADA, Proprietary/Limited Rights, and Applied Technology), Naval Nuclear Propulsion Information, and Unclassified Controlled Nuclear Information to name a few. Some labs with significant classified interests often use designated unclassified subject areas (DUSAs) specific to their operations in this review process. "Who" (which organizations and which personnel) performs these reviews likely differs among all the Labs, and even the definition of what kinds of information are subject to review can differ, but the ultimate assumption is that the technical information made publicly available does not contain any classified or unclassified controlled material.

NOTES:

Presenters: Dave Hamrin, ORNL and Sharon Jordan, OSTI

Topic: The Highs and Lows of STIP Over the Past Twenty Years

Abstract: This presentation will provide insights on the transformation of the STI Program, from a centralized paper-based operation to a distributed, shared collaborative program. With all of the past lows there are many highs that will be presented from both an OSTI and Contractor perspective.

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Presenter: Todd Conklin, LANL

Topic: Predicting our Future: Building Communities of Fun, Creativity, and Thought

Abstract: This presentation provides an interesting look at some of the “upstream” skills that must exist in your workplace. A behaviorist views humor, communities, and friendship differently than most people who observe work, he looks not at the reasons why these things exist, but more importantly at the existence of humor and friendships.

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Presenters: Miriam Blake, LANL and Theresa Connaughton, LANL

Topic: Review and Release of STI: Process Improvement Project at LANL

Abstract: A Process Improvement Project (PIP), under the joint championship of the Research Library and the Information Resources Division at LANL, was chartered to bring LANL into phased compliance with DOE Order 241.1A. It designed a process, using Lean Six Sigma methodologies, for the review and release of STI to the public. This presentation will discuss some of the key issues addressed in the newly designed process and describe the LANL path forward.

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Presenter: Sharon Jordan, OSTI

Topic: Revised DOE O 241.1X and OSTI Strategic Plan

Abstract: Various factors have impacted the revision of DOE O 241.1A, Scientific and Technical Information Management. However, the necessary updates have now been identified and are being worked. These updates will be discussed and future actions presented. In addition, OSTI is formulating its 2008 Strategic Plan. The goals will be shared for feedback.

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Presenter: Lance Vowell, OSTI

Topic: Current and Future IT Activities Related to STI Processing

Abstract: OSTI is continuously working to integrate the latest technologies and increase efficiency. Over the last three years there have been many changes to OSTI's internal systems and many of those affect the STI community directly and indirectly. This presentation will focus on current STI processing at OSTI and some possibilities for future enhancements to acquisition, processing and dissemination. A high-level view of STI workflow will be shared, including a look at the internal processing steps that allow for metadata validation, full text caching, text indexing, PII checks, security etc. We will also look into future possibilities for improvements in the areas of harvesting and text indexing.

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Presenter: Dave Hamrin, ORNL

Topic: Changes in ORNL's STI Process

Abstract: By 1999, the Oak Ridge National Laboratory had a fully functional, enterprise-side electronic document clearance process that was linked to OSTI. Over the ensuing years, the system in use at ORNL fell out of favor, and the result was that ORNL reports were not getting to OSTI unless they were handled individually via E-link. Entering into 2008, ORNL is putting the finishing touches on its second-generation electronic system, having already beta-tested harvesting. This talk will discuss what was necessary to get buy-in for the new system, and how several obstacles were overcome.

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Presenter: Judy Gilmore, OSTI

Topic: STI Subject Categories: Decision and Implementation

Abstract: Updates to the STI Subject Categories are here. As a result of OSTI analysis and STIP collaboration, the Subject Categories have been updated and two new categories added to better represent DOE's diverse research portfolio. The overall decision process will be highlighted and final revisions to the categories will be provided.

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Presenter: Sharon Jordan, OSTI

Topic: From STI Input to Output: Metrics and Product Updates

Abstract: This presentation will provide an update on STI submissions and the output products developed and maintained by OSTI.

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Presenter: Mary Donahue, NREL

Topic: DOIs and Patent Links in the NREL Publications Database

Abstract: This presentation will briefly describe the process that NREL used to add DOIs and Patent links to the NREL Publications Database.

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Presenter: Sharon Jordan, OSTI

Topic: STIP Celebrates 60 Years of Collaboration

Abstract: In 2007, OSTI celebrated “Sixty Years of Knowledge Sharing,” and April 2008 marks sixty years of the STIP collaboration. OSTI and STIP have been known by many names over the past 60 years, and the working relationship has evolved into one of collaboration. It is through the STIP collaboration that scientific and technical information is made broadly available, therefore accelerating science discoveries. Stories of the transformation of the program will be shared.

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