

2012 STIP Working Meeting Abstracts

A VIEW FROM HQ

Presenter: Jeffrey Salmon
Deputy Director for Resource Management
Office of Science

Abstract:

A view from DOE Headquarters will be provided and various areas will be discussed as relates to the Department's management of scientific and technical information.

STIP: MAKING PROGRESS, EMBRACING THE FUTURE

Presenter: Walt Warnick, Ph.D.
Director, Office of Scientific and Technical Information

Abstract:

Much progress has been made in the past year in terms of STI submissions and related web traffic, but progress also on important fronts related to datasets and videos. In addition, there is an increasing Governmental and Departmental recognition of the importance of STI dissemination, a foundation of the STI Program. Various areas of progress will be highlighted and future focus areas will be discussed as we collectively embrace the future.

STIP: YEAR IN REVIEW

Presenters: Judy C. Gilmore, OSTI

Abstract:

It is customary to take a look back at the previous year as relates to DOE's Scientific and Technical Information Program (STIP). This look back highlights significant developments in several areas. In addition, important opportunities to work together in the coming year will be highlighted.

HOW SHALL WE COPE IN AN ERA OF I(SHOW & TELL)?

Presenter: John Strack, QuadShot Media, Aiken, SC

Abstract:

Modern communications tools (especially "rich media" and online delivery platforms) challenge DOE STI researchers, publishers, and document custodians in new ways. The situation resembles the onset of desktop publishing 30 years, ago, when versatile responses were needed from all three communities to accommodate the deceptively easy transition to local personal-computer-based publishing. Today, the three roles remain essentially the same, but there is now opportunity for dramatic enrichment in the STIP environment when the lessons we learned a generation ago are applied to integrating the development, delivery, and cataloging of new-media STI.

ADVANTAGES AND CHALLENGES OF TRANSITIONING TO AN ELECTRONIC LABORATORY NOTEBOOK

Presenter: Christopher J. Bannochie, SRNL

Abstract:

Transitioning to an Electronic Laboratory Notebook (ELN) provides the opportunity for modern laboratory informatics to progress. This includes the ability to interface Measurement and Test Equipment (M&TE), inventory information, and Laboratory Information Management Systems (LIMS) data with electronic research records. An ELN can address each of the six broad areas of weakness exhibited by paper laboratory notebooks: significantly better time utilization, improved interface and collaboration amongst research personnel, lab wide data accessibility, improved records, consistent audit compliance, and generational awareness. This presentation will address each of these areas as well as present some of the challenges of making the transition to an ELN.

241.1 SUBMISSIONS INTRODUCING THE 241.1 WEB SERVICE: A NEW OPTION FOR YOUR METADATA SUBMISSIONS

Presenter: Lance Vowell, OSTI

Abstract:

This presentation will highlight the newest mechanism for STI submission to OSTI, the 241.1 Web Service. A high-level technical review will be given including a look at the web service functionality provided. Your comments related to this session will help OSTI further refine the input procedures as we all work together toward making progress as easy as possible.

SUBMITTING 241.1 METADATA & PRODUCTS: OPTIONS AND DECISION-MAKING FOR YOUR SITE

Presenter: Jannean Elliott, OSTI

Abstract:

With the addition of its new 241.1 web service (API), OSTI now provides four options for the submission of AN 241.1 metadata and products. How do you decide which options are best for your site's information? Should your site switch from harvesting to the new web service, for example? This presentation compares various aspects of the four input methodologies and suggests a simply way to approach the decision-making task.

A DAY ON THE STI BEAT FEATURING REAL WORLD EXAMPLES FROM THE STI FILES

Presenter: Judy C. Gilmore, OSTI
Dave Hamrin, ORNL

Abstract:

On any given day, OSTI staff and STI Managers may be faced with a range of situations related to management of the Department's valuable resource: its STI. Some examples of these situations will be presented, including "Just the facts, ma'am" and ways to solve the case. A consistent theme is that OSTI / site

coordination is often involved. In addition to a few examples, lessons learned are shared that STIP can apply in the future.

“SRIMPING FOR ELECTRONIC RECORDS”

Presenter: Debbie Rice, SRS

Abstract:

This presentation will provide the definition of SRIMP, the purpose of a SRIMP review, and provide the steps necessary in conducting the review and documenting the results on the SRIMP form. Presentation will also discuss improvements implemented within the last year.

DIGITAL DOCUMENT CONNECTION

Presenter: Daphne Evans and Mark Martin, OSTI

Abstract:

OSTI would like to facilitate the connection of digital STI held at laboratories with matching electronic citations in the OSTI database. This project was initiated in 2006 as Digital Document Access. Related procedures will be discussed.

DATASET ANNOUNCEMENT NOTICE SUBMISSIONS: A CASE STUDY

Presenter: Giri Palanisamy, ORNL
Mark Martin, OSTI

Abstract:

The AN 241.6 has been available for exactly one year now. In this presentation we take a look at the philosophy behind AN 241.6, the international consortium DataCite, and finally the original pilot project (where the kinks in the system were addressed) between ORNL-ARM and OSTI.

REVOLUTION TO EVOLUTION OF SITE STRATEGIC TECHNOLOGIES

Presenter: John Poe, SRS

Abstract:

Over the past four years, SRS Information Technology has put forth a deliberate effort to improve the overall IT value to our customers through improved Communications, Applications, Collaboration, and Services. This presentation will highlight SRS's progression in making the evolution to newer technologies by providing a brief historical timeline of end user progression, key focus areas for our successes, and the critical success factors that have aligned business and IT strategies.

INFORMATION VIDEOS FOR SCIENCECINEMA

Presenter: Jannean Elliott, OSTI

Abstract:

When a multimedia STI product is submitted to E-Link, the record flows out to the Energy Citations Database (ECD) and to ScienceCinema. The bibliographic metadata is searchable in both output databases. ECD allows the user to link to the video and play it, while ScienceCinema is able to go a step further with certain audio/video formats and actually index the spoken content. Hundreds of

STI videos from the labs and a few from Program Offices were submitted in FY2011. That effort will continue, even as a new one begins. It's time to begin populating ScienceCinema with the many other, high-quality information videos that are produced all across the DOE complex. They may not meet the stringent requirements for STI, but they certainly should be available in ScienceCinema. The new process and plan for accomplishing this goal are discussed in this presentation.

STI PRODUCTS: ENHANCEMENTS AND NEWS

Presenter: Daphne Evans and Lance Vowell, OSTI

Abstract:

Enhancements made to OSTI web products and databases since last year's STIP meeting will be highlighted as well as new services, features, or other initiatives in process.