



Filling up Fast!

Hot Topics in Big Data: What You Need to Know Now!

A One-Day Workshop *Co-sponsored by CENDI and NFAIS*
Hosted by FEDLINK at the Library of Congress

The Mumford Room, Library of Congress, 101 Independence Avenue, SE, Washington, DC 20540
Tuesday, December 11, 2012 * 9:00 am - 4:30 pm *

WHO SHOULD ATTEND?

This one-day workshop will appeal to anyone concerned with effectively managing, analyzing, and using large volumes of structured and/or unstructured content - librarians, publishers, scientists and scholars, technologists, and other information professionals. If you need to know more about the key issues and current trends in handling Big Data, what tools are emerging for data mining and analytics, the new skill sets required for data management and curation, and how some institutions are living up to the challenges presented by the growth of scholarly and scientific data, this meeting is for you. Registration is now open for all attendees.

[http://cendi.gov/activities/12_11_2012_CENDI_NFAIS_FEDLINK.html]

THE FOCUS OF THE DAY

Dr. George Strawn, Director of the National Coordination Office for the U.S. multi-agency Networking and Information Technology Research Development (NITRD) Program (www.nitrd.gov), who coordinated the Big Data Roll Out in March 2012, will open the day with a compelling overview of the Big Data landscape - the growth of content, its impact on storage and use capacity, and the many issues that have to be addressed *now* - skill sets, policies, analytic tools, and more. This will be followed by case studies from organizations such as the Earth Science Information Partnership and from cooperative efforts in the social sciences to discuss how they have been impacted by the growth of data, the challenges they now face in content management, new systems and policy requirements, workflow issues, etc., and how they are adapting to change.

After lunch (which will be provided), speakers from the research and publishing communities (Oak Ridge National Laboratory, the American Chemical Society, and Nature Publishing) will address developments related to data citation, data linking, and the handling of journal article supplemental materials, covering issues of interest to librarians, content providers and users. In addition, there will be a session focused on the emerging skill sets required to handle large volumes of data with Michael Chui of the McKinsey Global Institute discussing the results of a recent study on this issue, and David Schindel, who is on a National Academy study team addressing work force issues.

The day will close with Dennis Gannon, Director, Cloud Research, Microsoft Research Connections, providing an overview of the field of data analytics - successful applications, opportunities, and challenges - along with some new initiatives in this field that you can expect from Microsoft.

REGISTRATION AND UPDATED INFORMATION

Registration is available online at

http://cendi.gov/activities/12_11_2012_CENDI_NFAIS_FEDLINK.html.

From there you can link to the agenda, directions to the workshop site, and other logistics.

Plan on joining us for an informational and thought-provoking day.

Don't delay as seating is limited. Register today!

FOR ADDITIONAL INFORMATION

Jill O'Neill

Director, Communication and Planning

NFAIS

1518 Walnut Street, Suite 1004

Philadelphia, PA 19102-3403

(215) 893-1561 Voice

(215) 893-1564 Fax

jilloneill@nfais.org

Kathryn Simon

Administrative Coordinator, CENDI Secretariat

c/o Information International Associates, Inc.

104 Union Valley Road

Oak Ridge, TN 37830

(865) 298-1234 Voice

(865) 482-5098 Alternate Phone

(865) 481-0390 Fax

ksimon@iiaweb.com

CENDI (<http://www.cendi.gov>)

CENDI, the Federal STI Managers Group, was formally created in 1985 when a Memorandum of Understanding was signed by four charter U.S. government agencies (Commerce, Energy, NASA, and Defense). From this small core of STI managers, CENDI has grown to its current membership of 12 major science agencies involved in the dissemination and long-term management of scientific and technical information.

NFAIS (<http://www.nfais.org>)

Founded in 1958, the National Federation of Advanced Information Services (NFAIS™) is a global, non-profit membership organization serving all those who create, aggregate, organize, and otherwise provide ease of access to and effective navigation and use of trustworthy, high-quality information. To improve member capabilities and contribute to their ongoing success, NFAIS provides opportunities for education, advocacy, and a forum in which to address common interests.

FEDLINK (<http://www.loc.gov/flicc/>)

The mission of the Federal Library Information Network (FEDLINK) is to foster excellence in federal library and information services through interagency cooperation and to encourage efficient and effective procurement of information resources.