

National Science Digital Library

**ADVANCING
NSDL NETWORKS**

2007

NSDL ANNUAL MEETING
NOVEMBER 6-8, 2007
ARLINGTON, VIRGINIA



THE NATIONAL SCIENCE DIGITAL LIBRARY

The National Science Digital Library
PO Box 3000 • Boulder, Colorado 80307-3000
Tel: 303 497 2940 • nsdl.org

WELCOME

As expected, the distributed endeavors of the NSDL community have resulted in a stellar program for the 2007 NSDL Annual Meeting. The meeting structure reflects the Planning Committee's goals to facilitate those invaluable hallway conversations (with plenty of coffee and breaks) and to accommodate projects' needs to talk about their work in different ways (via Lightning Talks, structured updates, or collaborative presentations and group discussions). The meeting content reflects the zeitgeist of NSDL projects, highlighting work done not just during the past year but cumulatively as well.

Within this printed program, sessions are classified according to themes that suggested themselves during the proposal review process: content, technology, outreach, sustainability, evaluation, metadata, and project update. It is interesting to note that a preponderance of projects' work is occurring around outreach and evaluation activities, while at the same time, work in such infrastructure areas as technology, metadata and content is being scaled for wider use. While innovative work in all areas continues, this meeting program reveals a set of projects whose collective energy is poised, ready for the next step. As we meet over coffee and posters to tell one another about our work and to speculate about what comes next, pause for a moment and reflect on what we have accomplished, individually and collectively, to advance NSDL. Thank you.

The 2007 NSDL Annual Meeting Planning Committee

Acknowledgements

NSDL would like to thank the National Science Foundation for its generous support and advocacy.

2007 Planning Committee

Rachael Bower, University of Wisconsin – Madison | Policy Committee

Sharon Clark | NSDL Core Integration

Donna Cummings | NSDL Core Integration

Anne Diekema, Syracuse University | Educational Impact and Evaluation
Standing Committee

Jeremy Frumkin, Oregon State University | Technology Standing Committee

Sarah Giersch | NSDL Core Integration | 2007 Annual Meeting
Committee Chair

Cathy Lowe, Kent State University | Content Standing Committee

Lois McLean, McLean Media | Sustainability Standing Committee

Robert Payo | NSDL Core Integration

Lutishoor Salisbury, University of Arkansas | Member At-Large

Proposal Reviewers

Karen Cariani, WGBH

Diny Golder, JES & CO

Yan Han, University of Arizona

Dwight Krehbiel, Bethel College

Liz Liddy, Syracuse University

Bruce Mason, University of Oklahoma

David McArthur, NSF Consultant

Peter Pinch, WGBH

mimi recker, Utah State University

Johannes Ruscheinski, University of California - Riverside

Alexander Scheeline, University of Illinois at Urbana - Champaign

Stuart Sutton, University of Washington

Yi-Fang Wu, New Jersey Institute of Technology

SCHEDULE OVERVIEW

Tuesday, November 6

Westin Arlington Gateway Hotel

TIME	ROOM	SESSION TITLE (MAY BE ABBREVIATED)
3:00 pm – 7:00 pm	Ballroom Lobby	Meeting Registration Desk Open
5:00 pm – 5:45 pm	Fitzgerald Ballroom DE	Opening Plenary
6:00 pm – 8:00 pm	Ballroom	Poster Reception

Wednesday, November 7

Westin Arlington Gateway Hotel

7:30 am – 8:30 pm	Ballroom Lobby	BREAKFAST (provided in lobby)
7:30 am – 5:00 pm	Ballroom Lobby	Meeting Registration Desk Open
8:30 am – 9:30 am	Salon 3	Education Standards Correlation Services for Digital Libraries
8:30 am – 10:00 am	Salon 2	Generating Ongoing User Engagement through Professional Development Workshops
8:30 am – 10:00 am	Salon D	Faculty Use of Digital Materials and Digital Libraries: Survey Results
8:30 am – 10:00 am	Salon E	Working with the NSDL 2.0 Data Repository
9:30 am – 10:00 am	Salon 3	Teachers' Domain Pathways Education Standards Correlation
10:30 am – 11:00 am	Salon 2	Cultivating Teacher Use and Leadership
10:30 am – 12:00 pm	Salon 3	Metadata and Collection Consultations
10:30 am – 12:00 pm	Salon D	Beyond Webometrics: Making Sense of Online Usage
10:30 am – 12:00 pm	Salon E	Explore CWIS
11:00 am – 12:00 pm	Salon 2	Effective K-12 Outreach Strategies
12:00 pm – 1:00 pm	Ballroom	LUNCH (box lunch provided)
12:00 pm – 1:00 pm	Salons 2, 3, D, E	Birds-of-a-Feather Discussion Groups (during lunch)
1:00 pm – 1:30 pm	Salon D	Teachers' Domain Pathways Open Education Resources
1:00 pm – 2:00 pm	Salon 3	Developing Reliable Automatic Metadata Generation
1:00 pm – 2:00 pm	Salon 2	Network of Communities: Synergy Through Common Format, Reuse, Contribution

1:00 pm – 2:00 pm	Salon E	Lightning Talks: Technology
1:30 pm – 2:00 pm	Salon D	Serious Gaming: Playing Around
2:30 pm – 3:30 pm	Salon 3	K12 Contextualization of Educational Resources Through Metadata
2:30 pm – 3:30 pm	Salon 2	Training Trainers and Networking Networks: Strategic Partnerships
2:30 pm – 3:30 pm	Salon D	Engaging Educators with the NSDL: Some Lessons From the Field
2:30 pm – 3:30 pm	Salon E	Community Sign-On In Action
4:00 pm – 4:30 pm	Salon 3	The Engineering Pathway and its NSDL Networks
4:00 pm – 4:30 pm	Salon 2	Interdisciplinary Virtual Labs for Undergraduate Education in the NSDL: MatDL
4:00 pm – 4:30 pm	Salon D	Object Lessons: Content Clips in the Classroom
4:00 pm – 4:30 pm	Salon E	Analytical Sciences Digital Library: Becoming Self-Sustaining
4:40 pm – 5:30 pm	Salons 2, 3, D, E	Standing Committee Meetings
5:30 pm – 8:00 pm	Salons 2, 3, D, E	Rooms available for meetings

Thursday, November 8

Westin Arlington Gateway Hotel

7:30 am – 8:30 am	Ballroom Lobby	BREAKFAST (provided in lobby)
7:30 am – 9:30 am	Ballroom Lobby	Meeting Registration Desk Open
8:30 am – 9:30 am	Salon 2	Extending the Reach of NSDL Through Co-branding, Cross-linking, and Leveraging
8:30 am – 10:00 am	Salon 3	Web-Conferencing Technology for Professional Development Strategies
8:30 am – 10:00 am	Salon D	Content Cook-Off: Tools for Teachers-In Action!
8:30 am – 10:00 am	Salon E	Policy Committee Business Meeting and Public Forum
9:30 am – 10:00 am	Salon 2	Teachers' Domain Pathways Online Promotion Project
10:30 am – 11:30 am	Salon 3	Just Build It and They Will Come, Right? Attracting Students & Teachers to Our DLS
10:30 am – 11:30 am	Salon 2	Sharing Evaluation Expertise and Results
10:30 am – 11:30 am	Salon D	Lightning Talks: Potpourri
10:30 am – 11:30 am	Salon E	NSDL Science Literacy Maps for Science and Mathematics Education
11:30 am – 12:30 pm	Ballroom Lobby	LUNCH (box lunch provided)
12:30 pm		ADJOURN
12:30 pm – 4:00 pm	Salons 2, 3, D, E	Rooms available for meetings

What You Need to Know

All meeting events and sessions will be held at the

Westin Arlington Gateway Hotel, 801 North Glebe Road
Arlington, VA 22203 | (703) 717-6200

Posters

The F. Scott Fitzgerald Ballroom will be open for viewing posters and networking with colleagues at the poster reception on Tuesday from 6:00 pm - 8:00 pm. Hors d'oeuvres, small meeting tables, and wireless Internet access will be provided.

Posters will also be available for viewing on Wednesday from 7:30 am – 3:00 pm (see schedule inside back cover). *Note: Posters must be removed by 4:00 pm Wednesday*

Internet Connectivity and Email Room

Wireless Internet is provided in the meeting rooms and in the hotel lobby at the Westin. Computer stations will be available to check email on Wednesday, in the poster room (Ballroom) during poster viewing hours: 7:30 am – 3:00 pm (see schedule inside back cover).

Schedule Notes

A full schedule is included in this program. Additional schedule information can be found in your meeting packet: a full listing of Lightning Talks for Tuesday and Wednesday, poster abstracts, and a block schedule of sessions.

Additional Meeting Room Space

Additional meeting space for attendees is available in Salons 2, 3, D & E on Wednesday from 5:30 pm to 8:00 pm and on Thursday from 12:00 pm to 4:00 pm. Reserve your space at the registration table.

Birds-of-a-Feather Lunch Session

During lunch on Wednesday, Birds-of-a-Feather discussion groups can gather in designated rooms. Participants can propose topics at the registration desk prior to lunch that day.

Annual Meeting Blog on Expert Voices

The NSDL Annual Meeting Blog provides a fast, focused, and flexible format for publishing information and discussion around events, activities and prevailing themes of the conference. Blogs will be moderated by Core Integration's Outreach and Communications Group. Commentary, opinion, and reaction to posts are welcome from all meeting attendees. Comments should be relevant to the specific post to which they are attached.
<http://expertvoices.nsd.org/am2007>

NOVEMBER 6

TUESDAY

Location: Westin Arlington Gateway Hotel

3:00 pm – 7:00 pm F. Scott Fitzgerald Ballroom
Meeting Registration/Help Desk Open

3:00 pm – 5:00 pm F. Scott Fitzgerald Ballroom
Poster Set-Up

5:00 pm – 5:45 pm Fitzgerald Ballroom DE
Opening Plenary

Welcoming Remarks

Sarah Giersch, 2007 Annual Meeting Planning Committee Chair

Opening Remarks

Linda Slakey, Division Director, Division of Undergraduate Education,
National Science Foundation
Cora Marrett, Assistant Director, Directorate for Education and Human Resources,
National Science Foundation
Lee Zia, Program Director, Division of Undergraduate Education,
National Science Foundation
Kaye Howe, NSDL Core Integration

6:00 pm – 8:00 pm F. Scott Fitzgerald Ballroom
Opening Poster Reception

NOVEMBER 7

WEDNESDAY

Location: Westin Arlington Gateway Hotel

7:30 am – 5:00 pm Ballroom Lobby
Meeting Registration/Help Desk Open

7:30 am – 8:30 am Ballroom Lobby
Breakfast

8:30 am – 9:30 am Salon 3
Education Standard Correlation Services for Digital Libraries

Anne Diekema, Syracuse University
Jennifer Bailey, Syracuse University
Holly Devaul, Digital Learning Sciences
Jonathan Ostwald, Digital Learning Sciences
John Weatherley, Digital Learning Sciences

Discussion and demonstration of educational standard assignment and alignment services; their use, and integration applications via API

Target Audience: Content providers, Pathway partners, PIs interested in what standards correlation services do and how they fared in user and system evaluations as well as Software Engineers or System Developers with a technical interest as to how these services can be integrated and used
Session Theme: Metadata

8:30 am – 10:00 am Salon 2
Generating Ongoing User Engagement through Professional Development Workshops

Eileen McIlvain, NSDL Core Integration
Susan Van Gundy, NSDL Core Integration

Pathway representatives in a panel exploration of professional development models and community engagement emerging from a series of workshops by NSDL Pathways conducted in 2006-2007

Target Audience: PIs, outreach and professional development coordinators, evaluators
Session Theme: Outreach

8:30 am – 10:00 am Salon D
Faculty Use of Digital Materials and Digital Libraries: Survey Results

Alan Wolf, University of Wisconsin - Madison
Flora McMartin, Broad Based Knowledge
Glenda Morgan, George Mason University
Cathy Manduca, Carleton College
Joshua Morrill, Morrill Solutions Research
Ellen Iverson, Carleton College

Presentation of the final results to a national survey of higher education faculty about the use of digital learning materials and digital libraries

Target Audience: Collection developers, faculty developers
Session Theme: Evaluation

8:30 am – 10:00 am Salon E
Working with the NSDL 2.0 Data Repository

Dean Krafft, NSDL Core Integration
 Elly Cramer, NSDL Core Integration
 Aaron Birkland, NSDL Core Integration
 Lynette Rayle, NSDL Core Integration
 Jim Blake, NSDL Core Integration

This workshop will explain improvements to the NSDL Digital Repository, the API, content management, triplestore, and open source applications available for the community to use

Target Audience: NSDL project and partner technical personnel
 Session Theme: Technology

9:30 am – 10:00 am Salon 3
Teachers' Domain Pathways Educational Standards Correlation

Peter Pinch, WGBH

A demonstration of a new interface that allows projects to assign controlled terms to resources and retrieve a standards correlation to the ASN standards database

Target Audience: NSDL community, collection builders
 Session Theme: Metadata

10:00 am – 10:30 am BREAK

10:30 am – 11:00 am Salon 2
Cultivating Teacher Use and Leadership

Steve Weimar, Drexel University
 Wes Shumar, Drexel University

A discussion of Math Forum's experience with a blend of online and onsite workshops concerning recruitment, leadership cultivation, and impact, with minimal facilitation

Target Audience: Collection developers doing professional development
 Session Theme: Outreach

10:30 am – 12:00 pm Salon 3
Metadata and Collection Consultations

New and continuing NSDL partners can take advantage of one-on-one consultation sessions with the Collection Development Team and Metadata Working Group. Pre-scheduled consultation times arranged through the Team. Contact Katy Ginger for more information

Katy Ginger, NSDL Core Integration
 Tim Cornwell, NSDL Core Integration
 Marsha Matyas, American Physiological Society
 Jonathan Ostwald, Digital Learning Sciences

Target Audience: New collection contributors, existing contributors, those with questions about the NSDL Data Repository (NDR), those with questions about cataloging tools that interact with the NDR API
 Session Theme: Metadata

10:30 am – 12:00 pm Salon D
Beyond Webmetrics: Making Sense of Online Usage

Sherry Hsi, The Exploratorium
 Rob Rothfarb, The Exploratorium
 Mick Khoo, Drexel University
 mimi recker, Utah State University
 Bart Palmer, Utah State University

Come hear how our projects collect and analyze user data beyond standard web metric approaches to understand what online audiences are doing and why in a panel discussion

Target Audience: Evaluators, project leaders, developers
 Session Theme: Evaluation

10:30 am – 12:00 pm **Salon E**
Explore CWIS

Ed Almasy, University of Wisconsin - Madison
 Rachael Bower, University of Wisconsin - Madison
 Andrea Coffin, University of Wisconsin - Madison

CWIS is a turnkey collection portal software created specifically for NSDL projects. This session provides hands-on experience with CWIS and a discussion of its newer features

Target Audience: Collection developers, web developers, catalogers
 Session Theme: Technology

11:00 am – 12:00 pm **Salon 2**
Effective K-12 Outreach Strategies

Laurie Smith, Project Tomorrow
 Julie Evans, Project Tomorrow

During this session, participants will learn about proven techniques for marketing programs for K-12 educators through the work of Project Tomorrow and Speak Up

Target Audience: NSDL partners, educators, professionals
 Session Theme: Outreach

12:00 pm – 1:00 pm **LUNCH in Ballroom (Box lunch provided)**

12:00 pm – 1:00 pm **Salons 2, 3, D, E**
Birds-of-a-Feather Discussion Groups

During lunch, Birds-of-a-Feather discussion groups can gather to discuss proposed topics in designated rooms. Participants can submit topics at the registration desk prior to lunch.

1:00 pm – 1:30 pm **Salon D**
Teachers' Domain Pathways Open Education Resources

Karen Cariani, WGBH
 Ted Sicker, WGBH

A demonstration of the implementation of open educational resources and discussion with the NSDL community on lessons learned

Target Audience: NSDL community, collection builders
 Session Theme: Content

1:00 pm – 2:00 pm **Salon 3**
Developing Reliable Automatic Metadata Generation

Johannes Ruscheinski, University of California - Riverside
 Cathy Lowe, Kent State University
 Kim Lightle, The Ohio State University

A discussion on how three NSDL projects are collaborating on testing and streamlining their metadata assignment process through automatic metadata generation

Target Audience: Digital repositories, libraries, museums
 Session Theme: Metadata

1:00 pm – 2:00 pm **Salon 2**
Network of Communities: Synergy Through Common Format, Reuse, and Models for Contribution

Cathy Manduca, Carleton College
 Sean Fox, Carleton College
 Bruce Mason, University of Oklahoma

This session shows services for authoring, reuse, and contribution used by SERC and 15 partners for fostering collaboration

Target Audience: Digital library administrators/developers, undergraduate STEM faculty
 Session Theme: Outreach

1:00 pm – 2:00 pm Salon E

LIGHTNING TALKS: Technology

(See full descriptions in your meeting packet)

1:30 pm – 2:00 pm Salon D

Serious Gaming: Playing Around

Susan Dreher, NSDL Core Integration

Rob Lane, NSDL Core Integration

This session provides a summary of the first phase of the NSDL Virtual Learning Worlds Project. Come quest for education and adventure in a real-life tour of the virtual education realm. (No installation required!)

Target Audience: NSDL community

Session Theme: Technology

2:00 pm – 2:30 pm

BREAK

2:30 pm – 3:30 pm Salon 3

K-12 Contextualization of Educational Resources Through Metadata

Diny Golder, JES & Co

Stuart Sutton, University of Washington

A discussion of quality and consistency of metadata and research for improved education and training in metadata creation

Target Audience: Resource developers for K-12 education

Session Theme: Metadata

2:30 pm – 3:30 pm Salon 2

Training Trainers and Networking Networks: Approaches to Strategic Partnerships

Susan Van Gundy, NSDL Core Integration

Al Byers, National Science Teachers Association (NSTA)

Meg Fisher, Apple

Bill Thomas, Southern Regional Education Board (SREB)

This session will provide an overview of NSDL's recent strategic partnership development activities including discussion of the value propositions of different partnership models

Target Audience: PIs, outreach coordinators

Session Theme: Outreach

2:30 pm – 3:30 pm Salon D

Engaging Educators with the NSDL: Some Lessons From the Field

Marcia Mardis, Wayne State University

Sherry Hsi, The Exploratorium

Sarah Giersch, NSDL Core Integration

Moderator: mimi recker, Utah State University

Presenters will describe their experiences and strategies for engaging educators with NSDL content and other online resources via professional development workshops

Target Audience: NSDL partners, educators, professionals

Session Theme: Outreach

2:30 pm – 3:30 pm Salon E

Community Sign-On In Action

Rick Tessman, McLean Media

Joe Brandt, WGBH

Paul Mackinney, University of California - Berkeley

Cathy Lowe, Kent State University

Moderator: Carol Kassel, NSDL Core Integration

NSDL partners who have implemented Community Sign-On will share their experiences, collaboration efforts they've made, and benefits to NSDL users

Target Audience: PIs, developers, general NSDL community members

Session Theme: Technology

3:30 pm – 4:00 pm

BREAK & POSTER TAKE-DOWN

4:00 pm – 4:30 pm

Salon 3

The Engineering Pathway and its NSDL Networks

Jackie Sullivan, University of Colorado – Boulder

Joseph Tront, Virginia Polytechnic Institute and State University

Martha Cyr, Worcester Polytechnic Institute

An update on Engineering Pathway portal features and partnerships with collection developers, professional societies, accreditation agencies, publishers, and community organizations

Target Audience: Potential collection and service partners and users

Session Theme: Update

4:00 pm – 4:30 pm

Salon 2

Interdisciplinary Virtual Labs for Undergraduate Education in the NSDL MatDL

Laura Bartolo, Kent State University

Don Sadoway, MIT

David Yaron, Carnegie Mellon University

Jodi Davenport, Pittsburgh Science of Learning Center

MatDL, ChemCollective, and PSLC will discuss collaborative efforts to develop virtual labs suitable for introductory undergraduate science courses

Target Audience: NSDL community members

Session Theme: Update

4:00 pm – 4:30 pm

Salon D

Object Lessons: Content Clips in the Classroom

Lois McLean, McLean Media

Rick Tessman, McLean Media

This session will share lessons learned through evaluation and show how teachers in varied settings can use Content Clips for classroom presentations

Target Audience: Educators, evaluators, curriculum developers, projects aimed at teachers

Session Theme: Update

4:00 pm – 4:30 pm

Salon E

The Analytical Sciences Digital Library: Becoming Self-Sustaining with a Global Reach Through Partnership and Collaborative Networks

Theodore (Ted) Kuwana, University of Kansas

Cynthia Larive, University of California - Riverside

Chris Enke, University of New Mexico - Albuquerque

Discussion of issues and challenges of networks, partnerships, library contents, and collaborative workshops leading to self-sufficiency

Target Audience: General audience and those interested in the issue of self-sufficiency

Session Theme: Sustainability

4:40 pm – 5:30 pm Standing Committee Meetings

Community Services

Salon 2

Content

Salon 2

Educational Impact and Evaluation

Salon D

Sustainability

Salon 3

Technology

Salon E

NOVEMBER 8

THURSDAY

Location: Westin Arlington Gateway Hotel

7:30 am – 8:30 am Ballroom Lobby
Breakfast

7:30 am – 9:30 am Ballroom Lobby
Meeting Registration/Help Desk Open

8:30 am – 9:30 am Salon 2
**Extending the Reach of the NSDL Through Co-branding, Cross-linking,
and Leveraging**

David Joiner, Kean University
Bob Panoff, Shodor Education Foundation
Scott Lathrop, TeraGrid

This session will discuss strategies for extending the reach of NSDL projects through partnership and collaboration with other projects

Target Audience: NSDL community
Session Theme: Outreach

8:30 am – 10:00 am Salon 3
**Web-Conferencing Technology for Professional Development Strategies:
Discussing What Works and What Doesn't**

Carla McAuliffe, TERC
Tamara Ledley, TERC
John Ensworth, NASA, Institute for Global Environment Strategies
Robert Payo, NSDL Core Integration

Participants discuss their experiences using Web-conferencing in professional development, sharing successes and challenges of use

Target Audience: Outreach, professional development coordinators
Session Theme: Outreach

8:30 am – 10:00 am Salon D
Content Cook-Off: Tools for Teachers—in Action!

Joelle Lake, Pleasant Valley Elementary School, CA (Content Clips)
Lois McLean, McLean Media (Content Clips)
Derek Baird, Yahoo! (Gobbler®)
Della Curtis, Baltimore County Public Schools (Gobbler®)
Rena Janke, SUNY Cortland (Instructional Architect)
mimi recker, Utah State University (Instructional Architect)
Bob Stein, The Institute for the Future of the Book (Sophie Project)
Moderator: Carol Minton Morris, NSDL Core Integration

Developers of tools for teachers will give brief product introductions followed by teachers who will create content live on stage for an in-depth look "under the hood" of how learning objects are created with online tools

Target audience: K-12 Content creators and providers
Session Theme: Outreach, Content

8:30 am – 10:00 am Salon E

Policy Committee Business Meeting and Public Forum

The Policy Committee will hold its regular business meeting in a public forum. Activities include: providing an overview of policies that require a vote, soliciting feedback on policies, PC members voting, and discussing organizational change issues affecting NSDL

Target Audience: Everyone from the NSDL community and beyond

Session Theme: Policy

9:30 am – 10:00 am Salon 2

Teachers' Domain Pathways Online Promotion Project

James Pence, WGBH

Olivia Wong, WGBH

A discussion from the Teachers' Domain team on the planning processes, results, challenges, and lessons learned from an online promotion model strategy

Target Audience: NSDL community

Session Theme: Outreach

10:00 am – 10:30 am BREAK

10:30 am – 11:30 am Salon 3

Just Build It and They Will Come, Right? Attracting Students and Teachers to Our Digital Libraries

Beverly Woolf, University of Massachusetts

Ed Almasy, University of Wisconsin - Madison

Rachael Bower, University of Wisconsin - Madison

Ethel Stanley, Beloit College

Steve Weimar, Drexel University

David Yaron, Carnegie Mellon University

This panel will discuss how to attract students to our libraries and encourage them to return, exploring research needed to grow our communities

Target Audience: Developers of NSDL libraries

Session Theme: Outreach

10:30 am – 11:30 am Salon 2

Sharing Evaluation Expertise and Results

Flora McMartin, Broad Based Knowledge

Anne Diekema, Syracuse University

Experienced evaluators report on what evaluations are successful and those that are thorny

Target Audience: Project evaluators, PIs and others interested in learning about evaluation tools and techniques

Session Theme: Evaluation

10:30 am – 11:30 am Salon D

LIGHTNING TALKS: Potpourri

(See full descriptions in your meeting packet)

10:30 am – 11:30 am Salon E

NSDL Science Literacy Maps for Science and Mathematics Education

John Weatherley, Digital Learning Sciences

Sharon Clark, NSDL Core Integration

Lynne Davis, Digital Learning Sciences

Faisal Ahmad, Digital Learning Sciences

This session describes the interactive NSDL Science Literacy Maps and a Web 2.0 API used by developers to embed and customize the maps in Web sites

Target Audience: General audience, interface designers, software engineers

Session Theme: Technology

11:30 am – 12:30 pm LUNCH in Ballroom Lobby

12:30 pm ADJOURN

12:30 pm – 4:00 pm Salons 2,3,D,& E available for meeting space

NSDL Leadership

National Science Foundation

NSDL is the National Science Foundation's STEM education digital library.

Lee Zia, Program Officer

David McArthur, NSF Consultant

National Visiting Committee (NVC)

The National Visiting Committee is appointed by NSF to advise the Core Integration team on high-level strategic and operational issues.

Diana Oblinger, Chair

Martin Blume

Wade Ellis

Ira Fuchs

Sandra Glass

Tom Moritz

Alfred Moyé

Thomas Reeves

Linda Roberts

Bernard Rous

Abby Smith

Gerald Wheeler

Core Integration (CI)

The CI team provides day-to-day management of NSDL and is responsible for engaging the community, providing technology, and operating core services.

Principal Investigators:

Kaye Howe, University Corporation for Atmospheric Research, Director

Dean Krafft, Cornell University

Kate Wittenberg, Columbia University

Policy Committee (PC)

The Policy Committee acts on behalf of the NSDL Assembly (which consists of all principal investigators for NSF NSDL grants) to work with NSF and the CI team in coordinating the activities of the standing committees, task forces, and other aspects of the NSDL community.

<http://policy.comm.nsd.org>

Martin Halbert, Chair

Laura Bartolo

Rachael Bower

Bruce Caron

Lillian Cassell

Brandon Muramatsu

Steven Weimar

Standing Committees

Community Services

The activities of this committee assist NSDL users and learners in defining services, processes, and standards that NSDL can use to increase the impact, reach, and efficiency of the library.

<http://commserv.comm.nsd.org>

David Yaron, Chair

Content

This committee recommends and implements policies to ensure that NSDL content is high quality, is appropriate and consistent, has technical integrity, and is accessible for use by global audiences of learners at all levels.

<http://content.comm.nsd.org>

Kimberly Lightle, Chair
Stuart Chalk, Co-Chair

Educational Impact and Evaluation

This committee ensures that participatory and stakeholder evaluation principles are integrated into the design, development, and implementation of NSDL.

<http://eduimpact.comm.nsd.org>

Flora McMartin, Chair
Anne Diekema, Co-Chair

Sustainability

This committee exists to facilitate the development of an NSDL entity that will continue to thrive in the long-term through collective action and diversified funding streams.

<http://sustain.comm.nsd.org>

Paul Berkman, Chair
Liz Liddy, Co-Chair
Lois McLean, Co-Chair

Technology

This committee identifies community technical needs and the means to translate those needs into deployable technology including recommendations for technical standards and the technical integration of resources and services into NSDL architecture.

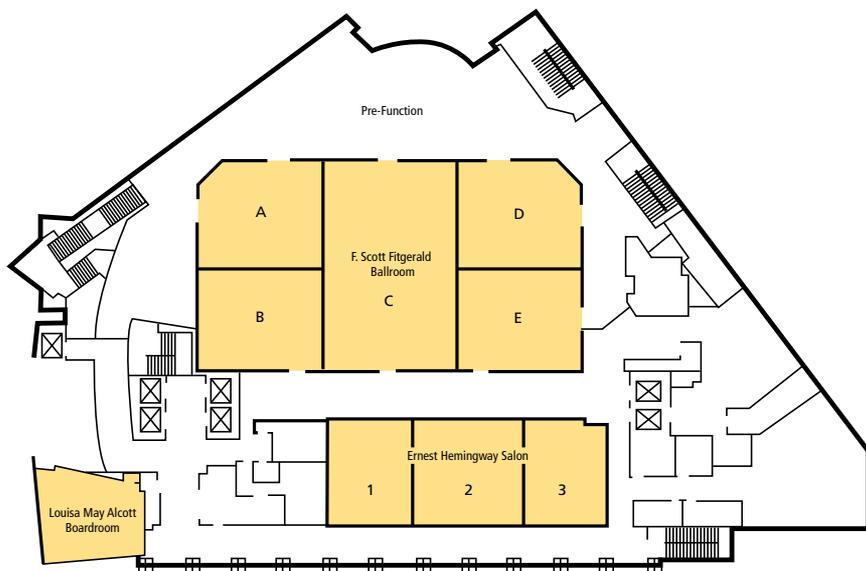
<http://technology.comm.nsd.org>

Ed Almasy, Chair
Jon Holmes, Co-Chair

Guide to NSDL Acronyms

DL	Digital Library
NVC	NSDL National Visiting Committee
PC	Policy Committee
SC	Standing Committee
CI	Core Integration
STEM	Science, Technology, Engineering, and Mathematics
MR	Metadata Repository
API	Application Programming Interface
OAI	Open Archives Initiative
DC	Dublin Core
NDR	NSDL Data Repository
EV	Expert Voices
CSO	Community Sign-On

Westin Arlington Gateway Hotel



Quick Reference

Meeting Registration/Help Desk Hours (Ballroom Lobby)

Tuesday	3:00 pm to 7:00 pm
Wednesday	7:30 am to 5:00 pm
Thursday	7:30 am to 9:30 am

Staffed by members of the Annual Meeting planning committee.

Poster Room Hours

(Westin Arlington Gateway, F. Scott Fitzgerald Ballroom)

Tuesday	3:00 pm to 5:00 pm (set-up)
Tuesday	6:00 pm to 8:00 pm (reception)
Wednesday	7:30 am to 3:00 pm
Wednesday	3:00 pm to 4:00 pm (take-down)

Standing Committee Meetings 4:40 pm – 5:30 pm

Community Services	Salon 2
Content	Salon 2
Educational Impact and Evaluation	Salon D
Sustainability	Salon 3
Technology	Salon E

Birds of a Feather Discussion Groups (Salons 2, 3, D, & E)

Wednesday	12:00 pm to 1:00 pm
-----------	---------------------

Additional Meeting Space

Salons 2, 3, D, & E are available for meetings on Wednesday from 5:30 pm – 8:00 pm and Thursday from 12:30 pm – 4:00 pm. Reserve space at registration table.

Email Computers

Computer workstations are located in the Poster Room (Ballroom).

Please limit your use to 15 minutes when others are waiting.

Wednesday	7:30 am to 3:00 pm
-----------	--------------------

Please Complete the Annual Meeting Survey

We need your feedback to continue improving the meeting. Thanks!

For survey, please go to the Annual Meeting homepage: <http://nsdl.comm.nsd.org/>