



Information Technology

SECTION

NEWSLETTER

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July 2006

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Editorial

This issue of the Newsletter brings you news relating to the WLIC in Seoul, this August and a number of reports on various other meetings of interest to those who follow the Information technology section. For those that cannot follow regularly the IFLA life throughout the year, it is an informal way of catching up easily with news about the organization governance, the different IFLA bodies and interventions of the Federation in the international scene like the

World Summit on the Information Society or the WIPO.

Also some information on the Information technology Standing Committee. You will see that Larry Woods, our Chairman, has been required by circumstances to step down and to leave the SC. A call for another person to step forward as Chair, has resulted in Reinhard Altenhöner being appointed as Chair and Hanna de Vries as Secretary.

This leaves vacancies for Information Coordinator and for editor of the Newsletter. We will need to fill these vacancies when we are in Seoul, in August.

Larry leaving the section also means that we had a vacancy on the Standing Committee. This has been filled by Elie Youmba, from Gabon, who had expressed his interest in the SC at the latest elections. You will find some information on Elie in this Newsletter.

Mercedes Chacon Fuertes has also left the SC.

A Chair leaving us

Larry Woods leaves the Standing Committee

Larry Woods has had to leave the Standing Committee and its chairmanship because he took the opportunity for early retirement from the University of Iowa where he had been Director of Information Systems and Technology since 1991. He was an active member of the Standing Committee since 1999, e.g., co-chairing the Metadata Discussion Group for the Section, and had ably served the Section as Secretary for two years in partnership with Maria Inês Cordeiro as chair, planning several of our events for

Berlin and Oslo. Larry had been in Library automation from the beginning of his career, first at Dartmouth College then continuing as Head of Research and Development at Purdue University. He was then Associate Director of Libraries at the University of Notre Dame before going to Iowa. He was always very active in profession's associations, serving on Boards of ASIST and ALA/LITA. But he especially enjoyed the challenge of trying to pull things together for our programs at IFLA conferences. A little known fact about Larry is that he co-authored the first

book on using microcomputer technology in libraries, *A Librarian's Guide to Microcomputer Technology and Applications*, way back in 1983!

The Information Technology Section is very grateful for all the work he did. We want to thank him very much. We, and the library community at large, will sorely miss his contributions to our work. We wish him all the best in the next stage of his life.

Greetings and Welcome from the Chair

The 2006 IFLA World Library and Information Conference is close at hand and I hope that we will meet in Seoul all together. Korea is – regarding its nature and its development in the last three decades - a very notable region in the world. And the hospitality of the people is well known, the information infrastructure amazing. So we have a really good opportunity to learn a lot.

During the last month we had some changes in the section starting with Larry Woods, who resigned from his position (see the report, page 1). After some discussions you and (at least I) have decided that I will try to fill the position of a chair man for our section. And I am very happy, that our (former) officer for the information coordination Hanna de Vries, will serve as the new secretary in our section.

May I introduce myself to you and my areas of activity in a few words:

Born in 1963, I have spent my early childhood in Egypt. Coming back to Germany in 1973, I finalize my school and start to study. Today I am living in the Rhine-valley nearby Mainz in Germany together with my family. I hold degrees in humanities and a postgraduate degree in library sciences. Today – after different positions at the German Research Foundation, as Head of the library of the University of Applied Sciences in Münster and as Director of the Stadtbibliothek Mainz, since three years I act as Head of the IT-department of the Deutsche Nationalbibliothek, the national library of Germany. Based on my experiences in building up digital library services and infrastructure I am responsible for the IT-structure and -services at the national library with its locations in Frankfurt/Main, Leipzig and Berlin. The library provides national services and is involved in a lot of national and European projects and acts in cooperation with national and /international committees for standards for technical and general approaches – especially for data exchange and metadata. Major tasks are the transition of the national exchange format MAB to MARC 21 and my position as an overall manager for the project “kopal – Co-operative development of a Long-Term Digital Information Archive”.

Memberships in national and international organisations (DGI, VDB, DFG, in IFLA since 2003), boards and project steering committees.

Our agenda in the WLIC conference highlights a lot of different aspects. And we do this in cooperation with other sections – a good starting point to create substantial programmes and fruitful discussions (please compare the detailed overview in this newsletter). This and our engagement for networking, sharing of information and practical help (for example when we try to establish a software infrastructure for small libraries in “Third World countries”) demonstrates our claim and our goal, when we meet in Seoul. See you!!

Please do not hesitate to contact me or Hanna de Vries, our section secretary, with questions or comments about the IFLA Information Technology Section and the work of the Standing Committee. We look forward to seeing old friends and meeting new ones at WLIC 2006 in Seoul.

With best wishes,

Reinhard Altenhöner

Chair, Information Technology Section 2005-2007

Chair and Treasurer

Reinhard Altenhöner

Deutsche Nationalbibliothek

Director IT

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Announcement

IFLA Management & Marketing Section announces

5th IFLA International Marketing Award-2007
(sponsored by Sirsi Dynix)

The Award will honor organizations that have implemented creative, results-oriented marketing projects or campaigns.

The Award winner will receive airfare, lodging and registration for the 2007 IFLA General Conference and Council in Durban, South Africa, as well as a cash award of USD 1,000.

Full announcement and Application form will be made available on IFLANET shortly.

Last date for submitting applications: **30 November 2006**

For previous years' award please visit:

<http://www.ifla.org/VII/s34/index.htm>

Contact for further queries

Ms. Daisy McAda ms Daisy.McAdam@ses.unige.ch

ITS IN BRIEF

The Committee

The Information Technology Section (ITS) serves to promote and advance the application of information technologies (IT) to library and information services in all societies, through activities related to standards, education and training, research, and the marketplace.

The Section belongs to the IFLA Division VI – Management and Technology

<http://www.ifla.org/VII/d6/dmt.htm>

For more information about the ITS and its strategic plan see

<http://www.ifla.org/VII/s21/sit.htm>

The section

At present, the standing Committee of the ITS has 20 members from 16 different countries. There are ballots for elections every two years, as members complete their terms of four years. See the complete list of SC members' on page 3.

Current officers are:

Reinhard Altenhöner, Chair,
(altenhoener@dbf.ddb.de)

Hanna de Vries, Secretary
(deVries@ubib.eur.nl)

Information officer: vacancy

The Membership

ITS is the second biggest section in IFLA with over 400 members from 90 countries and all types of libraries.

If you are not a member of **IFLA** and would like to join, please contact **IFLA Headquarters** or consult the IFLA membership information at <http://www.ifla.org/III/members/index.htm> If you are already a member but want to join the IT Section please review the section "**How to register for IFLA Sections**".

Alternatively, contact the IT Section Information Co-ordinator.

The **Information Technology Section Newsletter** is published twice a year for free distribution. It serves to inform the ITS membership of the Section's activities, IFLA updates and events related to IT & libraries. Current editor: Hanna de Vries (deVries@ubib.eur.nl). Co-editor *Reinhard Altenhöner*, ITS Chair. All contributions are welcome. To receive this *Newsletter* send your email to the ITS Information Co-ordinator.

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The previous issue of the Newsletter was published in March 2006.

ITS IN BRIEF

STANDING COMMITTEE MEMBERSHIP

Chair: Reinhard Altenhöner, *Deutsche Nationalbibliothek* Germany r.altenhoener@d-nb.de
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Meet the ITS offers during IFLA 2006

At the IFLA Booth (date to be announced)

The standing committee Meeting are the business meetings of the section, open to observers. If you are not a SC member but would like to be informed about the work of the ITS, you are welcome.

SEOUL 2006



meetings

IFLA - Information Technology Section

Programme items relevant to our section

SEOUL PROGRAMME

Saturday 19 August 2006

14.30-17.20

48 SC I Information Technology

Monday 21 August 2006

13.45-15.45

91 Information Technology with Audiovisual and Multimedia and National Libraries (part 1)

New Access Technologies: Exploring the Heritage
Multilingual access to moving image collections
MARWA EL SAHN (Bibliotheca Alexandrina, Egypt)
DAISY, a better way to read, a better way to publish: libraries using accessible multimedia to serve people with reading disabilities

HIROSHI KAWAMURA (National Rehabilitation Center for Persons with Disabilities Research Institute, Tokorozawa, Japan)
Living memory: combining difference access options for image databases

MARTIN LEUENBERGER (University of Applied Science (HTW), Chur, Switzerland)
Pushing the boundaries of traditional heritage policy: maintaining long-term access to multimedia content by introducing emulation and contextualization instead of accepting inevitable loss.
GRÉGORY MIURA (Bibliothèque nationale de France, Paris, France)

16.00-18.00

97 Information Technology with Audiovisual and Multimedia and National Libraries (part 2)

New Access Technologies: Tomorrow's Retrieval (ITS)

[Using Tomorrow's Retrieval Technology to Explore the Heritage: Bonding Past and Future in the Case of Global Memory Net](#)

CHING-CHIH CHEN (Graduate School of Library and Information Science, Simmons College, Boston (MA), USA)

New innovative access to educational and cultural multimedia content

TAKASHI NAGATSUKA and YUKA EGUSA (Institute for Educational Policy Research, Japan)

[Challenges in automated classification using library classification schemes](#)

KWAN YI (University of Kentucky, Lexington, USA)

[Towards constructing a Chinese information extraction system to support innovations in library services](#)

ZHANG ZHIXIONG, LI SA, WU ZHENGXIN, LIN YING (Chinese Academy of Sciences, Beijing, China)

Wednesday 23rd August 2006

13.45-15.45

140 SI - Science and Technology Libraries with Information Technology

Workings of the ubiquitous library - Will all library services and content be available to anyone, anywhere at anytime?

[The ubiquitous library for the blind and physically handicapped: a case study of the LG Sangnam Library, Korea](#)

KYUNG-JAE BAE (LG Sangnam Library, Seoul, Korea) [e-Research and the ubiquitous open grid digital libraries of the future](#)

VIVEK N. PATKAR (the ICFAI Business School, Mumbai, India) and SMITA CHANDRA (Indian Institute of Geomagnetism, New Mumbai, India) and

The implementation of the RFID System for improving customized service: the case of the National Library of Korea

KIM SUE JEOUNG (National Library of Korea, Seoul, Korea)

[Building the ubiquitous library in the 21st century](#)

LILI LI (Georgia Southern University, Statesboro (GA), USA)

Thursday 24 August 2006

08.30 - 10.30

151 SI - Information Technology with National Libraries with Academic and Research Libraries and Knowledge Management (part 1)

Institutional Repositories: policies, implementation issues, an overview of the technologies

The repository movement: advancing from institutional portal to institutional commons to institutional enterprise

JAMES NEAL (Columbia University, New York, USA)

Institutional repositories and stewardship in an historical and ethical context

WALLACE KOEHLER (Valdosta State University, Valdosta (GA), USA)

[Directories of international repositories: research results and recommendations](#)

KATE OLIVER and ROBERT SWAIN (John Hopkins University, USA)

[A national framework supporting local creation: New Zealand's institutional repository story](#)

PENNY CARNABY (National Library of New Zealand, New Zealand)

SEOUL 2006



meetings

IFLA - Information Technology Section

Programme items relevant to our section

land). Institutional repositories and open access

JEAN-CLAUDE GUEDON

(Montreal University, Montreal, Canada)

Towards building a Federated Institutional Repository for Chinese scientists

ZHANG ZHIXIONG (Chinese Academy of Sciences, Beijing, China)

[The role of a national library in supporting research information infrastructure](#)

WARWICK CATHRO (National Library of Australia, Canberra, Australia)

Institutional repositories: a review of content recruitment strategies

KATHLEEN SHEARER and TIMOTHY MARK (CURL, Canada)

10.45 - 12.45

155 SI - Information Technology with National Libraries with Academic and Research Libraries and Knowledge Management (part 2)

Institutional Repositories: policies, implementation issues, an overview of the technologies

Friday 25 August 2006

11.00 - 13.50

184 SC II Information Technology

Paper abstracts

Seoul, Monday 21st August, 16.00 – 18.00

New Access technologies: Tomorrow's retrieval

Using Tomorrow's Retrieval Technology to Explore the Heritage:

Bonding Past and Future in the Case of Global Memory Net

Dr. Ching-chih Chen, Professor, Graduate School of Library and Information Science

Simmons College, Boston, MA 02115, USA

Email: chen@simmons.edu

Abstract:

Since 2000, Global Memory Net (GMNet), supported by the US National Science Foundation/ International Digital Library Program, has developed to be an effective World culture and heritage Image Library and portal which provide instant access to the world's invaluable cultural, heritage and historical resources of libraries, museum, and archives. It has its over 30 rich digital image collections in house as well as provides instant access to over 2400 world digital collections from over 80 countries at its reach. Global Memory Net has been developed with a strong conceptual framework developed since 1993 and refined in the late 1990s and has utilized cutting-edge image retrieval technologies for providing innovative user-oriented information services. This paper focuses on a range of new and exciting technical developments to implement aggressive user-centered concepts and strategies for providing the kind of multi-format and multilingual access to multimedia resources not possible before.

New Innovative Access to Educational and Cultural Multimedia Contents

Yuka Egusa and Takashi Nagatsuka

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Email: yuka@nier.go.jp

Tsurumi University, Dept. of Library, Archival and Information Studies

Tsurumi 2-1-3, Tsurumi-ku, Yokohama 230-8501, Japan

Email: nagatsuka-t@tsurumi-u.ac.jp

Abstract:

This paper describes how we have been able to provide a new kind of innovative access to the invaluable content of old textbooks published in Japan before and during the World War II, the reports of research projects funded by Japanese Government, and also the classical Japanese ancient poems and maps at Tsurumi University. These contents were not available for public access before. Through these projects we were able to acquire and develop important skills in multi-media and hypertext presentation. These overall processes were very labor-intensive and also presented many difficulties even in the case of single digital content. There were substantially more difficulties in the case of multiple digital contents.

Challenges in automated classification using library classification schemes

Kwan Yi, School of Library and Information Science
University of Kentucky, USA

Abstract:

A major library classification scheme has long been standard classification framework for information sources in traditional library environment, and text classification (TC) becomes a popular and

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meetings

IFLA - Information Technology Section

Programme items relevant to our section

attractive tool of organizing digital information. This paper gives an overview of previous projects and studies on TC using major library classification schemes, and summarizes a discussion of TC research challenges.

Towards Constructing a Chinese Information Extraction System to Support Innovations in Library Services

Zhang Zhixiong, Li Sa, Wu Zhengxin, Lin Ying (The library of Chinese Academy of Sciences, Beijing 100080, China)

Abstract:

Being aware of the importance of Information Extraction (IE) in supporting innovation in many areas of library services, the authors begin to construct a Chinese information extraction system to effectively process huge Chinese information resources. Based on experiments and comparisons of some popular IE systems, the authors bring forth a Chinese IE solution which makes full use of GATE (General Architecture for Text Engineering) system from University of Sheffield, trying to develop a Chinese IE plug-in to process Chinese information resource based on GATE framework. After more than one years of working, the authors implemented this system. The article here analyses the framework of GATE system, describes the Chinese IE solution based on the GATE system, focuses on three key difficulties in the process of implementing Chinese information extraction system, which are Chinese tokenizing problem, professional gazetteers and Chinese named entity recognition. (1) Chinese tokenizing is a problem

because language structure of Chinese is very flexible and performing word segmentation of Chinese language is very difficult. To solve this problem, the open source software named ICTCLAS (Institute of Computing Technology, Chinese Lexical Analysis System) from CAS is integrated into this system. (2) In GATE system, to aid named entity recognition, a set of gazetteer lists is provided. But the gazetteer lists provided by GATE is just for English named entity recognition, not for Chinese. To lay a good foundation for Chinese named entity recognition, the authors have collected and developed over 100 Megabyte of Chinese professional gazetteers that can be used by GATE system. (3) GATE system use JAPE (a Java Annotation Patterns Engine) grammars to write rules to recognize NE (named entity). Because grammar of Chinese is quite different from that of English, the JAPE rules provided by GATE are not suitable for Chinese texts. The authors keep in use JAPE grammars and rewrite over one hundred of JAPE rules to succeed in the Chinese named entity recognition. The authors also carry out an experiment in which the Chinese IE system authors believe this system is a significant trial and lays a good foundation for the future research works.

Programme Science and Technology Libraries section

This year the Science and Technology Libraries program is co-sponsored by the Information Technology Section. The open session is scheduled for

Wednesday, 23 August at 13.45-15.45. The Theme "Workings of the ubiquitous library - Will all library services and content be available to anyone, anywhere at anytime?" has four papers exploring the concept:

1. The ubiquitous library for the blind and physically handicapped: a case study of the LG Sangnam Library, Korea KYUNG-JAE BAE (LG Sangnam Library, Seoul, Korea)
2. e-Research and the ubiquitous open grid digital libraries of the future VIVEK N. PATKAR (the ICFAI Business School, Mumbai, India) and SMITA CHANDRA (Indian Institute of Geomagnetism, New Mumbai, India) and
3. The implementation of the RFID System for improving customized service: the case of the National Library of Korea KIM SUE JEOUNG (National Library of Korea, Seoul, Korea)
4. Building the ubiquitous library in the 21st century LILI LI (Georgia Southern University, Statesboro (GA), USA)

The section is also organizing a study tour on Tuesday, 22 August 2006.

IFLA Satellite Meeting

Resource Sharing, Reference and Collection Development in a Digital Age - a practical approach

Seoul WLIC Satellite Meeting will be held in The National Library for Children and Young Adults 16-18 August 2006. This meeting will be a place of idea exchange with international professionals. you can register on the homepage <http://www.nl.go.kr/satellitemeeting/index.php>

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meetings

IFLA - Information Technology Section

Programme items relevant to our section

Please come and enjoy dynamic Korean culture in Seoul. We are considering Interpreter volunteers for English, Chinese, Japanese and Korean languages. We are looking forward to seeing you in Seoul in August 2006.

Theme: Resource Sharing, Reference and Collection Development in a Digital Age - a practical approach

Date: 16-18 August 2006

Venue: The National Library for Children and Young Adults of The National Library of Korea, Seoul, Korea

Organizers:

IFLA Acquisition and Collection Development Section
IFLA Document Delivery and Resource Sharing Section
IFLA Reference and Information Services Section
The National Library of Korea

Accommodation

Hotel information: <http://www.nl.go.kr/satellitemeeting/wlic/registration.php>

Registration: [Sheet form \(http://www.nl.go.kr/satellitemeeting/wlic/registration.php\)](http://www.nl.go.kr/satellitemeeting/wlic/registration.php)

On-site : EURO 100.--;
Standing Committee Members: EURO 80.--
Student: EURO 40.--
Contact: Jaesun Lee, The National Library of Korea,
E-mail: satellite@nl.go.kr,
Fax : +82-2-590-546
Tel: +82-2-590-0647

Programme: <http://www.nl.go.kr/satellitemeeting/wlic/program.php>

August 16 : Registration
August 17 Opening, introductions, Key note speech

Session 1: Management of electronic resources
Selection of Electronic sources
USA Libraries, Delivery and Management of Electronic resources.
License agreements for electronic resources
What statistics is needed to manage electronic resources?
Activities and publications of IFLA Acquisition and Collection Development Section

Session 2: Document Delivery and Resource Sharing
Activities of the Resource Sharing and Document Delivery Standing Committee.
Model Case in Providing Documents and Sharing Resources: case of Interlibrary Loan Services
Interlibrary Loan and Open Access: Convergences and Divergences.

Current Status and Issues of Electronic DDS at KISTI. Brazilian Initiatives in Document Delivery and Resource Sharing. Opening Pandora's Box?

Negotiating the Intersection of Document Delivery and Virtual Reference Service

Dinner with Korean Traditional Folklore Performance

August 18

Session 3: Reference and Information Services
The virtual librarian: a presentation of IFLA Digital Reference Guidelines and how they can be used.
Collaborative Reference Database Project. Preparing for Chat Services in library homepages. Providing bibliographic software across campus – merging reference, resources and teaching.

Joint Session

Closing discussion
Wrap-up of the meeting
Lunch
Library visit and Sightseeing – The National Library of Korea (Main Building) and Cultural site.

Sci-Tech Study Tour on Tuesday, 22 August 2006

The Section of Science and Technology Libraries is organizing, as part of its Seoul programme, a off site study tour visiting Daeduk Science Town, the Silicon Valley of Korea by coach with an English-speaking guide. The study tour is regonized by the section in collaboration with the Scientific and Technological Information Management Association of Korea STIMA. and co-sponsored by the Information Technology Section. This will be a full-day trip to visit the leading research institutes KAIST (Korea Advanced Institute of Science and Technology) and KISTI (Korea Institute of Science and Technology Information), on Tuesday, 22 August 2006 with additional tour to Donghak Buddhist Temple in the beautiful Gyeryongsan National Park. The tour is available to 40 members of the two IFLA sections and their registered accompanying persons, and to STIMA members. Please note that information regarding the Sci-Tech Study Tour to Daeduk will not be posted in the IFLA Registration or Daily Schedule of Activities.

Pre-registration is ESSENTIAL.

Please e-mail Ray Schwartz (schwartzr2@wpunj.edu), space available will go to registrants by receipt of registration. A confirmation of registration will be sent and final meeting place noted. .

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meetings

IFLA - Information Technology Section

Programme items relevant to our section

This tour is made possible by sponsorship from the Finnish companies Lingsoft and Portalify, and KISTI (Korea Institute of Science and Technology Information), for which we are most grateful. So there is no extra fee for this study trip.

22 August 2006: schedule

8:15 am – Meet Bus at Assigned location at the COEX

8:30 am – Departure from COEX to Daeduk Science Town (160 km from Seoul)

11:00 am – Visit to KAIST library
Noon

Lunch hosted by KISTI

13:00 pm – Visit to KISTI (incl. introduction to the National Digital Science Library and tour at the Super Computing Center)

14:30 pm – Tour to Donghak Buddhist Temple (sponsored by KISTI)

15:30 pm – Return to Seoul

18:00 pm – Arrival at COEX in Seoul

REGISTRATION - please send to Ray Schwartz at schwartzr2@wpunj.edu

registration confirmed by E-mail and preference given to date/time of response.

Irma Pasanen, Chair IFLA section of Science and Technology Libraries

NEW member

The Standing Committee has a new member. He fills the space left by Larry Woods

Elie YOUNBA

Engineer Documentaliste
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Gabon

Tél : (241) 71 20 66 (241) 06 61 22 73 (P)

E-mails : youmba@nomade.fr
elyoumba@yahoo.fr



Education Background

university diplomas:
- a DESS (Diplôme d'Etudes Supérieures Spécialisées;
- Diploma of Specialized Higher Studies) option : Advanced documentation and Technologies, Université de Paris 8, Saint Denis (France) ;
- a Master's degree (MA) in Sciences of Documentation and information option Data banks
- Université de Paris 8, Saint Denis (France). I also took part and taken share in formations of short duration on the sciences and techniques of information and documentation.

Professional experience and Current situation

Current situation: Documentalist at IRAF (Institut de Recherches Agronomiques et Forestières - Institute of Agronomic research and Forest). Free-lance teacher at ENS (Ecole Normale Supérieure) and at IUSSO (Institut Universitaire de Secrétariat et des sciences de l'organisation - University institute of Secretariat and sciences of the organization)

Another activities

Direction and framing of the memories and work of end of cycles of the students in communication, information and documentation ; organization, management and animation of the seminars of formation (technical documentary, initiation with data processing, seeks automated information in the data banks and Internet, creation of Web sites, ...). I took part in the development of work on the situation of new technologies in Gabon, on the installation of programs TICE (Technologies de l'information et de la communication pour l'enseignement - Communication and information technologies for teaching) in the colleges.
member of the ADG (Association of the Documentalists of Gabon), affiliated to the IFLA. Also member of AIFBD (Association internationale francophone des bibliothécaires et documentalistes - French-speaking International association of the librarians and documentalists).

IFLA REPORTS

Highlights of the ISO/TC 46 meeting

The Thailand Industrial Standards Institute hosted the Plenary meetings of ISO/Technical Committee 46, Information and Documentation, in Chiang Mai, Thailand, February 6-10, 2006. TC46 is the part of ISO that develops standards for use in the library, publishing, and information fields. Some examples of TC46 work are standards for the ISBN, ISSN, MARC format structure, and the Information Retrieval protocol.

New Work Item: RFID

The Danish delegation submitted a proposal for new work on RFID (Radio Frequency Identification) metadata. RFID is being used more and more for library applications, especially for book tags that enable machine survey of bookshelves for missing items. The technology has begun to mature, but lacks standards that would assist eventual interoperability or migration of data. The IT Section sponsored an Open Session on RFID as an emerging technology at the IFLA Conference in 2003 in Berlin.

New Work Item: WARC

The draft Web ARChive (WARC) file format that was developed by a French-led international web archiving initiative was presented for standardization. Catherine Lupovici from the IT Section has been the leader of that web initiative. The draft format is based on the well-tested web archive format used for the last decade by the Internet Archive in California. This initiative had enthusiastic support from the attendees. They recommended that given the completeness and international development and testing of the format, after the work item is approved it should go directly to the Draft In-

stage, skipping the Committee Draft (CD) ballot. The WARC draft may be found at <http://www.niso.org/international/SC4/N595.pdf>.

Progress on data elements and a framework for registries

Work to update and consolidate a set of four ISO data element standards for interloan, acquisitions, information retrieval, and circulation metadata was completed at the meeting and the new data dictionary will be circulated for final ballot. This consolidation took a practical approach of including only data elements that were exchanged, leaving data elements used for local data management to local system. A number of protocols for exchange were examined for this work, including the ILL protocol, Z39.50, SRU, NCIP, OpenURL, and OAI, among others. The purpose of the standard is to support a common understanding of data elements that are used in the different protocols in order to improve interoperability.

A new initiative for a framework for registry services in the form of an object-oriented data model was presented by a representative from Australia. When completed the model is intended to be adaptable to many different types of registry objects including collections, persons, groups, activities, and, especially, services. This ambitious project raised questions of how it related to other standards and protocols, and how it enabled interoperability. The work is in its early stages but the committee approved sending out a ballot to obtain reactions.

A way forward for interlibrary loan protocol standards

The ISO long established interlibrary loan protocol standards (ISO 10160 service definition and 10161 protocol) were reviewed again at the Chiang Mai meeting after

difficulties were encountered with the revised standards at the previous meeting in Washington, DC. These ILL protocols are widely implemented, with many of the implementations new or under development, and the new revision (version 3.0), while adding some attractive features, was not upward compatible with the current (and implemented) version (2.0). The subcommittee recommended that the current version of the protocol be reaffirmed, and then work can begin again on an upgrade to the standard that will be upward compatible with 2.0.

Cooperation on identifiers

ISO TC46 has developed over the last 20 years a number of identifiers for information objects. Initially the work was stock number driven, with numbers for "manifestations" of an item such as the ISBN (books), ISSN (serials), ISMN (notated music), and ISRC (audio or video recordings). But then rights became an equal if not more critical concern for publishers and Awork@ numbers such as the ISWC (musical works), ISAN (audiovisual works), ISTC (text works, still a draft standard) were developed. The Registration Agencies for these different standards have recently become interested in interoperability among the different identifiers and at the TC46 meeting formally launched an international cooperation initiative toward this end.

Among the use cases that they envisioned are the linking of manifestations to works which could help to expand access, manage assets and report usage, and linking of manifestations and works to rights holders, which would help to determine permissions and collect royalties. This initiative expects to provide links via the metadata that should accompany a standard number. As part of the initiative

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in investigating development of a standard for Aparties@, i.e., people, so that rights holders could be linked to the objects for rights and royalty purposes. An article describing this initiative and the prospective uses may be found at <http://www.dlib.org/dlib/april06/paskin/04paskin.html>.

Transition

At the Thailand meeting, the National Information Standards Organization (NISO) in the United States turned over the secretariat of Subcommittee 4, Technical Interoperability, to New Zealand, and Sally McCallum from the Library of Congress (and the IT Section) passed the chair of SC4 to Alison Elliott from the National Library of New Zealand.

Sally H. McCallum, Library of Congress
May 24, 2006

Citizen's Gateway to Information (CGI)

The Citizen's Gateway to Information (CGI) is a new search facility within the services of Libraries.fi – The Finnish Networked Library Services. CGI is based on a semantic web structure and CGI is also represented in FinnONTO (National Semantic Web Ontology Project in Finland) The first version of CGI was released in January, 2006. The user interface for CGI is in two languages: Finnish and Swedish. An English version will be released later this autumn. Then also the official English name of CGI will be revealed. CGI's 20,000 keywords and dozens of subject groups ensure that information can be found by searching many different areas. The results are compiled under different headings. Contacts to library staff are linked on every page. – the user

The primary content is in network materials produced in Finland and Scandinavia. CGI does not have its own information content. The aim is that the user is provided with routes and links to actual information sources or to reference information provided by material databases with the help of the database-oriented structure.

The CGI-project is coordinated by a steering committee of Libraries.fi, in which all Finnish library sectors are represented. CGI's technology is based on the publishing system Meteor, which is developed by the software company Sininen Meteoriiitti Ltd. Meteor works on Microsoft.Net technology.

Citizen's Gateway to Information can be found on the address: sokslussen.biblioteken.fi (Swedish) and tiedonhaunportti.kirjastot.fi/ (Finnish)

- Robin Fortelius

areas of global digital libraries, multimedia technology, digital imaging, interactive videodisc technology, global information infrastructure, and information management," said Qiang Jin, chair of the award committee. The award was established to honor the achievements of Frederick G. Kilgour, the founder of OCLC and a seminal figure in library automation. The award is given to a person who has amassed a significant body of research in the field of library and information technology. Particular recognition is given to research which results in a positive and substantive impact on the publication, storage, retrieval and dissemination of information.

Chen has advocated the concept of the world digital library since 1993. Among her latest achievements is her Global Memory Net supported by the National Science Foundation's International Digital Library Program — a gateway to world cultural, historical, and heritage multimedia resources. It is an integrated world digital image library or portal which is seamlessly linked to all relevant multimedia sources – audio files, videos, and texts. Global Memory Net will be launched for universal access at the end of June 2006. Global Memory Net's innovative integrated multimedia content retrieval system (i-M-C-S) enables one to retrieve images not only by the traditional methods — such as through the metadata fields like author, title, keyword, and subject — but also through cutting-edge content-based image retrieval by color and shape from random access to the images. (Chen developed this system in collaboration with Prof. James Z. Wang of Penn State University.)

The other features of the I-M-C-S include multilingual and multi-collection searches; instant link from images to related videos and documents when available, as well as to world bibliographical resources such as OCLC's World Cat and Internet resources such as

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PRESS RELEASE

LITA names winner of 2006 Kilgour Award

CHICAGO - Ching-chih Chen, professor at Simmons College, is the winner of the Frederick G. Kilgour Award for Research in Library and Information Technology for 2006. OCLC (Online Computer Library Center, Inc.) and the Library and Information Technology Association (LITA), a division of the American Library Association, sponsor the award. "The Kilgour Award Committee takes great pleasure in acknowledging the important work and contributions of Ching-chih Chen, whose research has led to significant achievements in the

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Google Scholar, Google Video, and Google Image, Internet Archives and Million Books; geographical access to over 2,300 world digital collections; and dynamically generated digital watermarks of zoomed images for the protection of intellectual properties of the content providers. The three-tier i-M-C-S system will enable libraries, museums, and archives to organize, share and perform instant retrieval of their valuable digital multimedia resources using cutting-edge technologies. This three-tier approach can accommodate institutions with different levels of technology capabilities and sophistication. In addition to being a gateway to the world distributed digital libraries, Global Memory Net has its own rich digital image collections as well as those from its collaborators, such as UNESCO, Library of Congress and numerous academic institutions. But the core collection are those images and videos from Chen's earlier interactive videodisc and multimedia CD entitled *The First Emperor of China*, which allows users to access information about China during the third century B.C. The U.S. National Endowment for Humanities (NEH) funded this project. With James Z. Wang of Penn State University and Jian-bo Shi of the University of Pennsylvania as co-PIs, Chen is exploring Global Memory Net's recent NSF-funded R&D project entitled "International Collaboration to Advance User-oriented Technologies for Managing and Distributing Images in Digital Libraries" with the aim of anticipating user needs by enhancing universal access and promoting more direct and immediate learning for knowledge acquisition in a way not possible before. The Library and Information Technology Association (LITA) members are information technology professionals dedicated to educating, serving, and reaching out to the entire library and information community. LITA is a division of the American Library Association.

World Summit on the Information Society WSIS

Last November the WSIS (www.itu.int/wsis) process reached one of its important stages, when the second Summit was held in Tunis. As you remember, IFLA and libraries were successful in getting the importance of libraries included in the WSIS documents (see e.g. <http://www.ifla.org/III/wsis/WSIS-report27-01-2006.html>, available also in French).

However, that was not the end of story! The WSIS work continues internationally, but also and especially on a national level.

Internationally, the most important elements for libraries are the eleven Action Lines. Regular meetings of the WSIS stakeholders (governments, the Civil Society and the Business Society) are organized on each Action Line to put the WSIS results in practice. The first follow-on meetings were held in May, and the next round will be in autumn.

(<http://www.itu.int/wsis/implementation/index.html>)

An IFLA post-WSIS workshop was held in Geneva on 1-2 June to plan how IFLA

can help its members benefit from the WSIS results also in their countries. The participants formed an 'IFLA WSIS Contact Group', and agreed that "the aim of the IFLA post-WSIS work is to position libraries in the centre of the Information Society, this position to be given concrete effect in national and international IS policies, strategies and budgets." To fulfil this ambitious target, the workshop agreed on the following actions:

1. to set up a Contact Group around the most high priority Action Lines, which from IFLA's point of view are:

C1. The role of public governance authorities and all stakeholders in the promotion of ICTs for development

C3. Access to information and knowledge

C4. Capacity building.

C8. Cultural diversity and identity, linguistic diversity and local content

One or more coordinators were named for each group. The coordinator(s) will contact the relevant IFLA groups for their Action Lines. A regular representation of IFLA in the meetings of these four Action Lines will also be organised, primarily with the help of Swiss colleagues.

2. to produce an IFLA document, combining arguments from the WSIS Action Line description texts and library targets, to be used to support library advocacy at a national level.

3. to hold WSIS sessions in the Seoul and Durban WLICs; in Seoul, this will be included in the President-Elect session "Libraries on the Agenda" on Thursday 22 August.

4. to strengthen efforts to get more cases into the Success Stories database (<http://fmp-web.unil.ch/IFLA/>), especially cases from developing countries are needed; a poster session on the Success Stories database will also be held in Seoul (poster session # 80).

5. to create a model for argumentation on the country level by collecting and analyzing the WSIS files country per country; this will be started with the French speaking countries, supported by Organisation Internationale de la Francophonie (OIF).

6. to raise awareness about the WSIS themes and their potential in library advocacy by encouraging IFLA members to include WSIS presentations in their various

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conference programs and/or to organize WSIS-related workshops, meetings etc.

In its post-WSIS work, IFLA seeks active co-operation with UNESCO. Tuula Haavisto has been contracted to act some hours per week as the general coordinator of the IFLA post-WSIS work.

Discovering New Resources

Demystifying Web Technologies Internet Librarian International 2006
16-17 October 2006
Copthorne Tara Hotel, London
www.internet-librarian.com

This year's dual themes for **Internet Librarian International** - discovering new resources and demystifying new technology - reflect the concerns of information professionals worldwide.

Opening with a Keynote about the knowledge glut and how it affects librarians and information managers, this year's **Internet Librarian International** concentrates on practical applications for internet technologies. Speakers explain how they implement new technologies, adopt Library 2.0 techniques, employ management skills, collaborate with colleagues and bring information to remote areas.

Through a range of panel discussions, master classes, formal speeches and networking opportunities, **Internet Librarian International** provides a unique educational opportunity for all those who need to find new resources and understand new technology.

Read the full programme and register here and we'll see you in London this October.

CALL FOR PAPERS

2nd International EDOC Workshop on VOCABULARIES, ONTOLOGIES AND RULES FOR THE ENTERPRISE (VORTE 2006)
<http://www.pms.ifi.lmu.de/mitarbeiter/spies/EDOCVORTE2006.html>

as part of the The 10th International IEEE Enterprise Distributed Object Computing Conference (EDOC) 16-20 October 2006, Hong Kong
<http://www4.comp.polyu.edu.hk/~edoc06/>

SUPPORTED BY W3C - World Wide Web Consortium - Hong Kong Office

Vocabularies, ontologies and business rules are key components of a model-driven approach to enterprise computing in a networked economy. VORTE 2006 is the second workshop on an EDOC conference that intends to bring together researchers and practitioners in areas such as philosophical ontology, enterprise modeling, information systems, =20 semantic web, MDA (Model-Driven Architecture) and business rules to discuss the role of foundational and domain ontologies in the conceptual development and implementation of next generation tools for enterprise computing.

The Workshop Encourages Submissions on topics including (but not limited to) the following:

- * Business Vocabularies
- * Business Rules and Constraint Modeling
- * Enterprise Integration and Interoperability
- * Ontological Foundations for Conceptual Modeling and Metamodeling
- * Vocabularies and Foundational Ontologies for Enterprise Information Systems

- * Enterprise Modeling and Simulation
- * Foundations for the Model-Driven Architecture (MDA)
- * Model-Driven Architecture (MDA) approaches to Enterprise Computing Systems
- * Enterprise Computing and the Semantic Web
- * Enterprise Reference Architectures
- * Enterprise Domain Engineering
- * Domain specific Business Information and Application Engineering
- * Ontologies and organizational Semiotics
- * Ontological Approaches to Content and Knowledge Management

KEYNOTE ADDRESS

Colin Atkinson, Chair of Software Technology at Mannheim University:
 Models versus Ontologies - What's the Difference and where does it Matter?

As models and ontologies assume an increasingly central role in enterprise systems engineering the question of how they compare and can be used together assumes growing importance. On the one hand, the semantic web / knowledge engineering community is increasingly promoting ontologies as the key to better software engineering methods, while on the other hand the software engineering community is enthusiastically pursuing the vision of Model Driven Development as the core solution. Superficially, however, ontologies and models are very similar, and in fact are often visualized using the same language (e.g. UML). So what's going on? Are models and ontologies basically the same thing sold from two different viewpoints or is there some fundamental difference between them beyond the idiosyncrasies of current tools and languages? If so, what is this difference and how should one choose

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which technology to use for which purpose?

SUBMISSION GUIDELINES

All submissions will be formally peer reviewed. Submissions should be 6 to 8 pages long and MUST be submitted in IEEE Computer Society format and include the author's name, affiliation and contact details. They should be submitted by e-mail as LaTeX or PDF files before June 16th, 2006, to Marcus Spies. Authors will be notified of acceptance by July 28, 2006. At least one author of accepted papers must participate in the Workshop. IEEE has agreed to publish all papers accepted at the EDOC Workshops at the IEEE Digital Library (i.e., the IEEE Xplore). The workshop papers will be posted separately with its own ISBN.

The 9th International Conference on Asian Digital Libraries (ICADL 2006)

November 27-30, 2006, Kyoto, Japan

<http://www.icadl2006.org/>

The International Conference on Asian Digital Libraries (ICADL) is an annual Asian event of international participation focusing on digital libraries and related technologies. Inaugurated in Hong Kong in 1998, ICADL has since been hosted in Taipei, Taiwan (1999), Seoul, South Korea (2000), Bangalore, India (2001), Singapore (2002), Kuala Lumpur, Malaysia (2003), Shanghai, China (2004) and Bangkok, Thailand (2005). The 9th ICADL (ICADL2006) will be held in Kyoto, Japan in the late November. ICADL2006 provides an international forum for sharing experiences and up-to-date technologies among researchers, developers, educators, practitioners and policy makers from a variety of disciplines.

ICADL2006, as well as the previous ICADL conferences, focuses on the use, adoption and adaptation of digital libraries, which include work surrounding digital libraries and related technologies, the management of knowledge in digital libraries, and the associated usability and social issues. Kyoto, which is globally known as the historical city and the heart of Japan, will welcome you to ICADL2006 in a very beautiful autumn.

Submissions of papers, panels, tutorials, and workshops are invited in all areas of digital libraries and related technologies, the management of knowledge in digital libraries, and the associated usability and social issues. Research, system, evaluation, policy, and position papers are all invited. Suitable topics include but are not limited to:

- * Strategies with regards to
- * Implementation experiences regarding
- * Systems
- * Techniques
- * Management
- * Application areas and concerns

Prospective authors from all parts of the world are invited to submit their papers dealing with original work which, at the time of submission, is not under review or has not been published or accepted for publication in a journal or by another conference. Papers must be written in English, conforming to the formatting instructions of LNCS, Springer. Each paper must not exceed 10 pages. Only electronic submission (PDF format) is accepted via the Web page in University of Tsukuba (in preparation) for papers. Each paper will be reviewed by at least three reviewers. Based on their recommendations, a decision will be made regarding rejection or acceptance as poster (up to 2 pages), short paper (up to 4 pages), or long paper (up to 10 pages).

The Conference Proceedings will be published in the LNCS series, Springer as well as the previous ICADL's. Best paper awards also will be conferred on the authors of the best paper(s) at the conference.

Moving Images and Sound Archiving Study - final draft available for public consultation

The last decade has witnessed a rapid growth in the creation of a variety of digital sound and moving pictures formats. The prominence of the World Wide Web and growth in digital technologies has enabled users to create, download, and manipulate these born-digital files. Digital art forms are music files has become a emerging from these multimedia technologies, and large scale use of digital film and prominent feature of our cultural and intellectual life. Another focus over the last few years has been the conversion of analogue sound and film resources to digital format. Digital library technology now enables large, rare film and audio collections to be digitised. The scholarly and educational community has made particular use of this new media, which is playing an increasingly important role in learning, teaching and research. The long term preservation of moving images and sound resources however is challenging to approach, primarily due to their complex nature. Despite substantial research into digital preservation in the UK over the last few years, relatively little attention has been paid to the long-term durability and accessibility of multimedia files. In addition, development of technical solutions and agreed metadata sets lags behind that of other resource types. While

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much of the preservation knowledge base centres around static digital files, it is essential that the HE /FE community is aware of the issues of preservation for a whole range of file types, especially complex multi-object files types, such as moving pictures files.

Over the past few years, the JISC has funded a series of feasibility studies which aim to assess the preservation risk and retention criteria for digital content, and to help inform and prioritise the development of future services and calls in digital preservation. The Moving Images and Sound Archiving Study forms part of the feasibility study programme and has been funded to understand more fully the preservation challenges of digital moving image and sound files, to scope the preservation requirements and to determine archiving methodologies and future research directions.

The study was conducted from September 2005 to May 2006 by a team from the Arts and Humanities Data Service (AHDS), the BBC Archives in the person of Richard Wright, and King's College Digital Consultancy Services in the person of Simon Tanner. The study is now complete and a copy of the draft final report is available for public consultation at http://www.jisc.ac.uk/index.cfm?name=project_movingimagesound. Comments and feedback are invited till 31 July 2006, which will be considered and incorporated into the final report.

Please send your comments to Sheila Anderson at the AHDS (sheila.anderson@ahds.ac.uk) or Helen Hockx-Yu at JISC (h.hockx-yu@jisc.ac.uk). Helen Hockx-Yu, Programme Manager, JISC Office, Kings College London Strand Bridge House (3rd Floor), 138-142 Strand, London WC2R 1HH Tel: 020 7848 1803, Mobile: 07813 024633

CALL FOR PAPERS

The 2006 International Conference on SIGNAL-IMAGE TECHNOLOGY & INTERNET- BASED SYSTEMS (SITIS 06)

Sponsored by IEEE and ACM (approval pending) December 17th - December 21st 2006
The MARCO POLO Hotel, Hammamet, Tunisia
<http://www.u-bourgogne.fr/sitis>

The SITIS conference is dedicated to research on the technologies used to represent, share and process information in various forms, ranging from signal, image, and multimedia data to traditional data and semi-structured data found in the web. SITIS 2006 aims to provide a forum for high quality presentations on research activities centered on three main tracks.

The focus of the first track "Information Management & Retrieval Technologies" (IMRT) is on the emerging modeling, representation and retrieval techniques that take into account the amount, type and diversity of information accessible in distributed computing environment. The main topics of Interest include:

- Data Semantics
- Spatial Information Systems and Applications
- Multimedia and application
- Information security.

The second track "Web-Based Information Technologies & Distributed Systems" (WITDS) is devoted to emerging and novel concepts, architectures and methodologies for creating interconnected environments in which information can be exchanged easily, tasks can be processed collaboratively, and communities of users with similarly interests can be formed while addressing security threats that are present more than ever before. The main topics of Interest include:

- Information System Interoperability
- Emergent semantics
- Agent-based systems
- Distributed, Parallel, GRID, P2P, Mobile information management
- Web-Centric Systems

The third track "Signal & Image Technologies" (SIT) focuses on recent developments in digital signal processing and pays particular attention to evolutions in audiovisual signal processing, analysis, coding and authentication, and retrieval techniques. The main topics of Interest include:

- Image Processing and Analysis
- Image/Video Coding and Authentication
- Signal processing
- Applications

Submissions must be in electronic form as PDF or PS files and should be uploaded through the SITIS 2006 Web site. Submissions should be 3000-4000 words long (approx. 8-12 double-space printed pages). Papers that fail to comply with length limit will be rejected. Submissions will be peer-reviewed by at least 2 qualified reviewers. Selection criteria will include: relevance, significance, impact, originality, technical soundness, and quality of presentation. Preference will be given to submissions that take strong or challenging positions on important emergent topics. At least one author should attend the conference to present the paper.

Tutorial and Workshop proposals should be submitted to sitis@u-bourgogne.fr.

IMPORTANT DATES:

Proposals for Tutorials/Workshops
 September 9th, 2006
 Paper submission
 September 9th, 2006
 Notification of acceptance
 October 15th, 2006
 Final version paper with registration
 November 3rd, 2006

BACK PAGE

FUTURE WLIC

73rd IFLA General Conference and Council

SOUTH AFRICA

DURBAN

19—23 August 2007

Libraries for the Future
Progress, Development and Partnerships



<http://www.ifla.org/IV/ifla73/index.htm>

WORLD BOOK CAPITAL 2008

Amsterdam (Netherlands) was chosen by the Selection Committee of the World Book Capital 2008, made up of representatives of the International Publishers Association (IPA), the International Booksellers Federation (IBF), IFLA and UNESCO. More information at:

<http://www.ifla.org/III/announce/2008WorldBookCapital-en.htm>

OTHER CONFERENCES



- * International Workshop on Semantic e-Science
<http://km.aifb.uni-karlsruhe.de/ws/SeS2006/>
Beijing, September 3, 2006
- * Towards the European Digital Library (10th European Conference on Research and Advanced Technology for Digital Libraries) <http://www.ecdl2006.org/>
Alicante, Spain, September 17-22, 2006
- * International Conference on Dublin Core and Metadata Application: Metadata for Knowledge and Learning <http://dc2006.ucol.mx/index.htm>
Manzanillo, Colima, Mexico, October 3-6, 2006
- * Governing the Knowledge Society Hamburg, October 12-13, 2006
<http://www.cgg.uni-hamburg.de/konferenzen/knowledgesociety.html>
- * Internet Librarian International 2006 (OA is among the topics)
<http://www.internet-librarian.com/index.shtml> London, October 16-17, 2006
- * Open Scholarship: New Challenges for Open Access Repositories
http://www.eifl.net/docs/OA_Repositories_Conf_draft_Program.doc
Glasgow, October 18-20, 2006
- * WISE Workshop on Web Information Access and Digital Library (OA is among the topics)
<http://www.sim.whu.edu.cn/info.html> Wuhan, China, October 22, 2006
- * Scientific Data and Knowledge within the Information Society (sponsored by CODATA)
<http://www.codataweb.org/06conf/> Beijing, October 23-25, 2006
- * International Conference on Multidisciplinary Information Sciences and Technologies (InSciT2006)
- * What to do with a Million Books: Chicago Colloquium on Digital Humanities and Computer Science . Chicago, November 5-6, 2006
- * Globalization, Digitization, Access, and Preservation of Cultural Heritage
<http://slim.emporia.edu/globenet/Sofia2006/Index.htm> Sofia, November 8-10, 2006
- * 9th International Conference on Asian Digital Libraries
<http://www.icadl2006.org/> Kyoto, November 27-30, 2006
- * International Conference on Digital Libraries <http://static.teriin.org/events/icdl/>
New Delhi, December 5-8, 2006
- * Open Repositories 2007 <http://openrepositories.org/> San Antonio, January 23-26, 2007
- * Emerging Libraries: How Knowledge Will Be Accessed, Discovered, and Disseminated in the Age of Digital Information (Rice University's 2007 De Lange Conference)
<http://www.delange.rice.edu/conferenceVI.cfm> Houston, March 5-7, 2007.