No. 47, June 2013



headings bibliographies services knowledge select lndexing classification standards of motations ressources museums of the standards of the st

# **Content**

A WORD FROM THE CHAIR

EDITOR'S NOTE

**NEWS FROM IFLA JANUARY – JUNE 2013** 

**SECTION NEWS & REPORTS** 

IFLA NAMESPACES TECHNICAL GROUP

SINGAPORE CONFERENCE PLANS

NEWS AROUND THE WORLD

ASIA AND OCEANIA, SINGAPORE

**GERMANY** 

**UNITED STATES** 

**DEWEY DECIMAL CLASSIFICATION** 

UNIVERSAL DECIMAL CLASSIFICATION

NEW PUBLICATIONS

**CONFERENCES & WORKSHOPS 2013** 

ABOUT

No. 47, June 2013



# A Word from the Chair

Dear colleagues,

Welcome to our June issue.

It is with great anticipation that I am looking forward to seeing all of you at the upcoming WLIC in Singapore next August.

Again this year, our two hour open session promises to be great as always. In keeping with the Singapore Conference theme, *Future Libraries: Infinite Possibilities*, the theme of the open session is *Subject access: Infinite possibilities*. The session will be held on Monday, August 19 from 16:00 to 18:00.

The four speakers, chosen by a selection committee composed of Lynne Howarth, Eunice Maria Silva Pinto, John DeSantis and Giuseppe Buizza, will address current issues pertaining to this most exciting subject. A printable program can be found at <a href="http://conference.ifla.org/ifla79/programme-and-proceedings-full-printable">http://conference.ifla.org/ifla79/programme-and-proceedings-full-printable</a>.

As usual, the WLIC will be a busy time for our section. The Standing Committee will meet twice.

Our first meeting will be held on Saturday, August 17 from 15:15 to 17:45. The second meeting will take place on Tuesday, August 20 from 9:45 to 11:15. We invite you to attend these meetings as it is a good opportunity to see the Committee at work.

This year is an election year, new members are joining the Standing Committee,
HarrietAagaard (Sweden), Elise Conradi
(Norway), Min Young Hwang (Republic of Korea), Ulrike Junger (Germany), Christine
Oliver (Canada), Rehab Ouf (Egypt), George

A. Prager (USA), Ana Stevanovic (Republic of Serbia), Tiiu Tarkpea (Estonia) and Ekaterina Zaytseva (Russian Federation). Welcome!

Lynne Howarth (Canada), Sandra K. Roe (USA) and Maja Žumer (Slovenia) have been appointed for their second term. Congratulations!

Welcoming new members is a always a fun job. However, this means that we must also say goodbye to colleagues that we have had the pleasure of working and sharing experiences with. I would like to use this opportunity to say farewell to our retiring members; Yvonne Jahns (Germany), Eunice Maria Silva Pinto (Portugal), Sirje Nilbe (Estonia), Giuseppe Buizza (Italy), Ed O'Neill (USA), Jagtar Kindu (India) and Angela Green (Qatar). Many of them have served on the Committee for eight full years, participated in various Working Groups, and made presentations at our programs.

Even though I was eligible for a second term, this will be my last IFLA Conference. I will be retiring next November. I take this opportunity to thank everyone who I had the pleasure of meeting and working with in my years in IFLA.

I wish to thank all contributors to this issue and our Newsletter editor, Yvonne Jahns, for editing this issue. I hope you enjoy reading this issue of our Newsletter, and I look forward to meeting you at this year's WLIC in Singapore.

Jo-Anne Bélair Chair, C&I Section Division III Library Services Email: joanne.belair@bibl.ulaval.ca



No. 47, June 2013



# **Editor's note**

Hope, you will enjoy this new issue in a new layout.

If you have interesting news and reports, pictures from your work in the classification and indexing sector in libraries and beyond – please, share your work experiences with us and send them to our next newsletter. The deadline for the December newsletter is November, 30, 2013.

Many thanks to everyone who contributed to this newsletter!



Yvonne Jahns DeutscheNationalbibliothek Germany Newsletter Editor Email: <u>y.jahns@dnb.de</u>

# News from IFLA January – June 2013

### **Governing Board elections**

Donna Scheeder (United States) is elected to serve as President-elect for the term 2013-2015 and to serve as President for the term 2015-2017.

### Elected GB Members:

Kent Skov Andreasen (Denmark) 2nd term Inga Lundén (Sweden) 2nd term Barbara Lison (Germany) 2nd term Gloria Pérez-Salmerón (Spain) Ingrid Bon (Netherlands) 2nd term Ellen Ndeshi Namhila (Namibia) Loida Garcia-Febo (United States) Frédéric Blin (France) 2nd term Genevieve Clavel-Merrin (Switzerland) 2nd t. Ngian Lek Choh (Singapore)

Ex-officio members of the Board will be:

Chair Professional Committee: Lynne

Rudasill, United States

Chair Division I: Andrew MacDonald, UK Chair Division II: Russell Lynch, USA Chair Division III: Maria Carme Torras Calvo,

Norway

Chair Division IV: Clara Chu, USA

Chair Division V: Dan Dorner, New Zealand

For full elections details:

http://www.ifla.org/news/results-of-election-of-governing-board-2013

Board members will take office on 23 August 2013.

### **Spanish IFLA website**

IFLA launched a multilingual version of its website in February. Many of IFLA's policies, guidelines, and other documents have been available in IFLA's seven official languages, and other languages, for some time. The launch of the multilingual website provides improved access to existing and newly translated content in languages other than English.

Multilingual access and content will begin with the Spanish language, and will be followed by French.

### No. 47, June 2013



### IFLA Journals available

Volume 39, No. 1 (March 2013) available at: http://www.ifla.org/node/7637

Volume 39, No. 2 (June 2013) available at: <a href="http://www.ifla.org/node/7761">http://www.ifla.org/node/7761</a>

### Including

Singapore libraries: From bricks and mortar to information anytime anywhere by Julie S. Sabaratnam and Esther Ong



### **EPrints Services**

IFLA has signed a contract with ECS Partners Limited (<a href="http://www.eprints.org/">http://www.eprints.org/</a>) for the building and hosting of its new repository using EPrints Services. The repository will be publicly launched during 2013 with contents including all 2013 World Library and Information Congress (WLIC) papers, existing IFLA standards, and a selection of advocacy documents.

### Standards as a Key Initiative (KI)

During April's Governing Board meeting, the Professional Committee proposed and succeeded in targeting the area of "Standards and Guidelines" as one of IFLA's Key Initiatives for 2013-2014. The Standards KI will nest under the current Key Initiative 1: Digital Content Programme – Driving Access to Content". The proposed goal for the new KI is to move IFLA forward as a lead resource for bibliographic standards and service guidelines in the library profession – through the development, maintenance, and promotion of shared policies and common workflows. Via this coordinating Standards initiative, the work of IFLA's dispersed activities will be brought together and advanced in appropriate ways. The GB affirmed that this is indeed a fundamental area of activity and merits additional emphasis, visibility, and "oomph" at this time. The PC has been asked to prepare a short implementation plan for discussion at the August GB meeting; this work will be done in consultation with the Standards Committee and other appropriate groups. Lynne Rudasill and Tone Moseid, who have developed the April proposal, will continue in a lead role.

Ann Okerson, Chair PC at http://blogs.ifla.org/profspeak/

No. 47, June 2013



# **Section news & reports**

### IFLA Namespaces Technical Group

### **Status of the Group**

The IFLA Professional Committee decided to continue to discuss longer-term funding of standards-related activities during 2013, so the Namespaces Technical Committee remains a project of the Classification and Indexing Section.

The Professional Committee approved the funding of the overall Namespaces project submitted by the Classification and Indexing Section, which includes coordination of FRBR and ISBD namespace activity, in March 2013.

G. Dunsire gave invited presentations about IFLA namespaces and the work of the Technical Group to several meetings between January and May 2013. These include: Mapping FRBR, ISBD, RDA, and other namespaces to DC for interoperability http://www.gordondunsire.com/pubs/pres/Map pingToDC.pptx, presented at Kunnskapsorganisasjonsdagene 2013, 7-8 February 2013, Oslo, Norway; Granularity in Library Linked Open Data http://www.gordondunsire.com/pubs/pres/Gran ularityLOD.pptx, presented at Code4Lib 2013, 12-14 Feb 2013, Chicago, USA.; Multilingual Issues in the Representation of International Bibliographic Standards for the Semantic Web

http://www.gordondunsire.com/pubs/pres/Mult ilingualBibStan.pptx, presented at W3C Multilingual Web Workshop, 12-13 March 2013, Rome, Italy; Multilingual bibliographic standards in RDF: the IFLA experience http://www.gordondunsire.com/pubs/pres/Mult ilingualBibStanLight.pptx, a lightning presentation at breakout session Requirements Gathering: Best practices for Multilingual Linked Open Data (BP-MLOD); IFLA in RDF (+ RDA) <a href="http://www.gordondunsire.com/pubs/pres/IFLARDF.pptx">http://www.gordondunsire.com/pubs/pres/IFLARDF.pptx</a>, lightning presentation at NISO Bibliographic Roadmap Meeting, 15-16 Apr 2013, Baltimore, USA.

### IFLA Namespace Development, Coordination, and Training project

The project aims to develop the functionality of the Open Metadata Registry (OMR) used to maintain IFLA's multilingual namespace vocabularies, and to develop training materials for using the OMR. For multilingual vocabulary maintenance, the registration of a vocabulary maintainer will include the language to which the account is restricted. Labels, definitions, and other literals in that language will be editable, while other languages will be display only. A preliminary version may be available by WLIC in Singapore. Training materials will fall into two groups: a set of presentations with animated slides, screenshots and notes; and a set of web pages with screenshots and longer notes. Content of the screenshots will be based on real examples taken from the UNIMARC and other IFLA namespaces. Draft versions of the materials will be tested with appropriate IFLA groups, and will be available for discussion in Singapore.

### IFLA namespace metadata

IFLA namespaces were included in a small project to test the Asset Description Metadata Schema (ADMS)
<a href="http://joinup.ec.europa.eu/asset/adms/description">http://joinup.ec.europa.eu/asset/adms/description</a> using the OMR.

### No. 47, June 2013



More information can be found on the DCMI Vocabulary Management Community wiki <a href="http://wiki.dublincore.org/index.php/ADMS/OMR\_Project">http://wiki.dublincore.org/index.php/ADMS/OMR\_Project</a>. Subsequent to the test, the project was able to add over 80 vocabularies from the OMR to the semantic assets of the European Commission's Joinup portal

https://joinup.ec.europa.eu/catalogue/repository/open-metadata-registry. These include the 13 published IFLA vocabularies, which can be found using an advanced search with IFLA as the publisher

https://joinup.ec.europa.eu/search/apachesolr\_s earch?filters=im publisher%3A64934.

### **UNIMARC** namespaces

The first year of a planned two-year project to represent the UNIMARC formats as RDF element sets and value vocabularies has been funded by the Permanent UNIMARC Committee. The development of a namespace for the UNIMARC Bibliographic format (UNIMARC/B) will be the initial focus. Preliminary tests of spread-sheets for transcribing data from the Manual have been successful; the data will be used to generate URIs, labels, definitions, and scope notes for the RDF element sets. The order of blocks to be transcribed has also been decided. Transcription issues arising from the tests require significant manual intervention to ensure that definitions and scope notes were clear and unambiguous. The project aims to upload the spread-sheet data to the OMR by July 2013.

The project is also investigating issues concerning the alignment of UNIMARC/B with ISBD, and the relationship between UNIMARC/B and UNIMARC Authorities format (UNIMARC/A). Specific cases include the use of UNIMARC encoding for non-ISBD content, the misalignment caused by the removal of ISBD's general material

designation element and its retention in UNIMARC/B, and the use of identical codes and captions in relevant areas of UNIMARC/A and UNIMARC/B. The last case shows that different contexts require separate namespaces for UNIMARC/A and UNIMARC/B, but that the spread-sheets used for UNIMARC/B can be re-used to speed up the development of the UNIMARC/A element sets. The use of embedded non-filing indicator markers in subfield content is also an issue.

Some value vocabularies from the coded information block of UNIMARC/B have been entered into the OMR directly, as part of the development of training materials for the Namespaces project. They have also been used to develop mappings between UNIMARC and other vocabularies. The value vocabularies published in the OMR are: UNIMARC: Continuing resources: Frequency of issue <a href="http://metadataregistry.org/vocabulary/show/id/324.html">http://metadataregistry.org/vocabulary/show/id/324.html</a>;

UNIMARC: Graphics: Functional designation <a href="http://metadataregistry.org/vocabulary/show/id/323.html">http://metadataregistry.org/vocabulary/show/id/323.html</a>;

UNIMARC: Graphics: Primary support material

http://metadataregistry.org/vocabulary/show/id/321.html;

UNIMARC: Graphics: Specific material designation

http://metadataregistry.org/vocabulary/show/id/320.html;

UNIMARC: Target Audience Code <a href="http://metadataregistry.org/vocabulary/show/id/322.html">http://metadataregistry.org/vocabulary/show/id/322.html</a>.

These vocabularies also include Italian and Portuguese translations of the labels.

### No. 47, June 2013



The vocabulary for frequency of issue of continuing resources has been mapped to similar vocabularies in DCMI, MARC 21, and RDA for discussion by the DCMI Bibliographic Metadata Task Group; the map is available in terse triple language format <a href="http://wiki.dublincore.org/index.php/Map\_of\_value\_vocabularies\_for\_frequency\_of\_issue\_of\_continuing\_resources">http://wiki.dublincore.org/index.php/Map\_of\_value\_vocabularies\_for\_frequency\_of\_issue\_of\_continuing\_resources</a>.

The project consultants will present a paper based on the project accepted for the UNIMARC session in Singapore. The consultants will also present a paper on the project accepted for the DC-2013 conference.

### Wider community

The DCMI Bibliographic Metadata Task Group has collaborated with the DCMI Vocabulary Management Community to sponsor a one-day workshop to follow the DC-2013 conference in Lisbon, Portugal. VocDay 2013: Managing Vocabularies http://dcevents.dublincore.org/IntConf/index/p ages/view/vocDay will take place on 7 September 2013. Sessions will cover vocabulary sustainability, multilingual vocabulary development and extension, extension of element and value vocabularies, and making mapping real; these are all themes of interest to the Namespaces Technical Group. The Task Group will have a formal meeting on 5 September 2013 during the DC-2013 conference

http://dcevents.dublincore.org/index.php/IntConf/index/pages/view/program-2013. Recent Vocabulary Management Community email discussion threads relevant to IFLA namespaces include the DCMI Vocabulary Management System Task Group Report https://www.jiscmail.ac.uk/cgi-bin/webadmin?A1=ind1302&L=DC-VOCABULARY#3. The Community will also

have a formal meeting on 5 September 2013 during the DC-2013 conference.

The W3C Best Practices for Multilingual Linked (Open) Data (BP-MLOD) community Group was an outcome of the breakout session at the W3C Multilingual Web Workshop, 12-13 March 2013, Rome, Italy. The purpose of the group is to gather input from the multilingual web community regarding the creation of Linked (open) data sets in multiple languages, or linking existing multilingual data sets with the aim to publish a set of common best practices, with the remit of linking multilingual linked (open) data sets. G. Dunsire is a member of the group, representing IFLA's interests in multilingual namespaces, but membership is open to all. Further information is available on the BP-MLOD website

http://www.w3.org/community/bpmlod/.

A forthcoming book, Bibliographic information organization in the Semantic Web <a href="http://www.woodheadpublishing.com/en/book.aspx?bookID=2876">http://www.woodheadpublishing.com/en/book.aspx?bookID=2876</a>, discusses the role of IFLA standards and universal bibliographic control in the linked data environment.

### **WLIC 2013**

The IFLA Namespaces Technical Group will meet during WLIC 2013 in Singapore on Wednesday 21 August 07.30-09.30 Room 309. This is provisional, so please check in advance. All observers are welcome.

News on developments for IFLA cataloguing namespaces is available in the SCATNews, the Cataloguing Section newsletter.

Gordon Dunsire (Chair) Email: gordon@gordondunsire.com

No. 47, June 2013



# **Conference plans**



The complete IFLA WLIC 2013 Congress Programme for Singapore is now online <a href="http://conference.ifla.org/ifla79/programme-and-proceedings.">http://conference.ifla.org/ifla79/programme-and-proceedings.</a>

### **15/16 August**

IFLAcamp² (unconference) http://npsig.wordpress.com/iflacamp2/ free of charge, Li Ka Shing Library of the Singapore Management University

### 16 August

Workshop on User interaction built on library linked data (UILLD), Jurong Regional Library <a href="http://uilld2013.linkeddata.es/">http://uilld2013.linkeddata.es/</a>
Registration now open - until July 20!
<a href="http://ifla2013satellite.nlb.sg/it/">http://ifla2013satellite.nlb.sg/it/</a>

### 17 August

### 18 August

8:30-10:00	Newcomer-Session, Exhibition
	hall 406
10:30-12:00	Opening Session, Session
	room 1 (SI)
12:15-13:30	Committee on Standards
	Meeting I, Room 308
13:45-15:45	UDC Update Session, Room
	311
16:00-18:00	Exhibition Opening and
	Opening Party

### 19 August

12:00-14:00	Poster sessions, Exhibition hall
16:00-18:00	Subject Access: Infinite
	possibilities, Open Forum
	C&I, room Exhibtion hall
	404-405 (SI)
	` '

### 20 August

International Dewey Users
Meeting, OCLC Suite
Macro and micro – ways
though the maze. How new
methods of indexing and
cataloguing can complement
traditional cataloguing for
audiovisual and multimedia -
Open forum Cataloguing and
Multimedia and Audiovisual,
Exhibition hall 404-405 (SI)

### 9:45-11:15 SC II C&I, room 309

12:00-14:00	Poster sessions, Exhibition hall	
13:45-15:45	Opening up the bibliography	
	for the future – Open forum	
	bibliography, Room Summit 2	
19:00-22:00	Cultural evening, Tanjong	
	Beach Club	

### 21 August

8	
7:30-9:30	Namespaces Technical Group
	WG meeting, Room 309

### 22 August

16:15-17:30	Closing	Session

Are you thinking about the *benefits of attending an IFLA conference*?

Moira Fraser, Section on Library and Research Services for Parliaments, carried out an evaluation project <a href="http://www.ifla.org/news/evaluating-the-benefits-of-attending-ifla-conferences">http://www.ifla.org/news/evaluating-the-benefits-of-attending-ifla-conferences</a>.

Hear how the project is progressing in August!

No. 47, June 2013



# News around the World

### **Asia and Oceania**

CDNLAO Newsletter is published every four months to carry information from national libraries and other institutions in the Asia and Oceania region. This newsletter is edited and distributed by the National Diet Library of Japan on behalf of the members of the Conference of Directors of National Libraries in Asia and Oceania (CDNLAO).

CDNLAO Newsletter No.76
<a href="http://www.ndl.go.jp/en/cdnlao/newsletter/076/76ind.html">http://www.ndl.go.jp/en/cdnlao/newsletter/076/76ind.html</a> carries interesting articles:

- RDA Implementation at the National Library of **Australia**
- National Library of Bhutan: Collection Management and Cataloguing of materials
- Bibliographic format renewal in Japan

### Singapore

### The National Library Board of Singapore

(NLB) initiated the Knowledge Content
Distribution Hub Services programme
(KCDHS) to improve the way library materials
are managed. NLB set about reorganising and
improving its physical spaces and workflows
for collections work, and implemented a
unified data model to help integrate the
different systems that were in use. Similarly,
an Electronic Selection and Acquisitions
system was created, which allows patrons and
vendors to recommend titles, and for the
acquisition of materials to be conducted
electronically to streamline business processes.

### Read more

http://www.ifla.org/files/assets/hq/news/docum

ents/nlb-collection-management-e-newsletter-april-2013.pdf

Academic libraries in Singapore boast cutting edge technology and systems as well as modern spaces that facilitate innovation and collaboration.



Read more

http://conference.ifla.org/sites/default/files/file s/wlic2013/ifla-newsletter-academic-librariesin-singapore-v3.pdf

August 23: Half-day Library Visits in Singapore can be booked at WLIC onsite only at the "Library Visits" desk in the Suntec Singapore International Convention & Exhibition Centre on a first come first served basis.



Opened to the public in mid-2005, Singapore's National Library Building comprises two landmark 14-storey buildings complete with rooftop gardens; the complex covers around 60,000 square meters in floor area and is located in the heart of Singapore's arts, cultural and entertainment district.

### No. 47, June 2013



### **Germany (DNB)**

### Automatic classification and indexing

The German National Library (DNB) is in the process of implementing a long-term solution to reduce its traditional indexing operations in areas which are no longer feasible due to the continually growing number of publications, or are no longer necessary because of technological developments. Thus, software tools from the fields of data and text analysis are deployed in order to streamline and advance the descriptive and subject cataloguing workflows.

The roughly one hundred DDC Sachgruppen (DNB subject categories arranged by DDC numbers) have been issued by automatic classification since January 2012. Since then more than 130.000 digital works in German and English language have been automatically categorized. The settings of this classification application have been created beforehand by machine learning methods on the basis of manually catalogued publications. The technical procedures and automatic workflows are continuously being developed to further optimize the quality and quantity of the results. Besides, the settings have to be refreshed from time to time. DNB is also currently developing an automatic classification procedure also for medical dissertations. It is planned that, starting from the middle of next year, each medical dissertation will be assigned a DDC-Kurznotation (DDC short number).

In early 2014 the subject headings are also scheduled to be issued automatically beginning with the processing of dissertations. For about three years, DNB has been working on an automatic workflow for subject indexing using the Integrated Authority File (GND) as controlled vocabulary. Machine-readable German-language full-text publications or text

passages, such as tables of contents, will then be processed with the help of text extraction methods.

At its heart, this approach is mainly based on computational linguistics techniques. Core to the software application is a dictionary consisting of subject headings (180.000 records yet), geographical terms (198.000 records) and name authorities (345.000 records) which have been selected from the GND. Further entities, e.g. corporate bodies, will be gradually added. An update procedure automatically carries out the data transfer between the authority file and the dictionary in order to ensure consistency. The text processing modules cover a couple of analyzing features including disambiguation and relevance ranking algorithms. The expected result of the automatic subject indexing procedure is a sorted list of the most relevant keywords (each with a reference to the corresponding authority record in the GND). These keywords will automatically be added to the bibliographic record as machine-generated subject headings. Regular spot checks will be carried out to monitor the quality of the results over time. Within the local bibliographic database some new labels have been introduced to distinguish the provenance of these bibliographic items. Since last year, MARC 21 also enables qualification, and in this way external exploitation of ,,data about data" (field 883, machine-generated metadata provenance).

Christa Schöning-Walther, Elisabeth Mödden, Sandro Uhlmann Deutsche Nationalbibliothek Email: <u>C.Schoening@dnb.de</u>

### No. 47, June 2013



### **Dewey Decimal Classification**

The German National Library continues to classify most titles of the German national bibliography using full Dewey numbers. Only fiction, juvenile books, school textbooks, online publications and medical dissertations are excluded from Dewey classification. In 2012, DNB assigned Dewey numbers to about one hundred thousand (100,000) titles.

*DDC-Sachgruppen* are subject categories, a set of more general Dewey numbers that are used by the German, Austrian and Swiss national libraries to structure their national bibliographies. The *Sachgruppen* has now been updated to reflect DDC23 content, and the edition number used in MARC subfield \$2 in 082 and 083 with 1<sup>st</sup> indicator 7 should now be "23sdnb". Titles up to and including year 2012 use "22sdnb".

In November 2012, the two main products of the DNB web service Melvil were replaced by the classification tool *WebDewey Deutsch* and the retrieval tool WebDewey Search.

The German version of WebDewey Search now contains a further search access possibility by the integration of number components. This means that titles indexed with a built number can now also be found at the place for the number being added, and not only at the place for the base number. For Schedule number components, an additional title results column has been added. For Table number components an additional Table browsing box has been implemented. (WebDewey Search German on the web:

http://deweysearchde.pansoft.de/webdeweysearch/mainClasses.html)

WebDewey Deutsch contains DDC data that is continuously updated and is on the way from DDC 22 to DDC 23 content. About 9,000 institutional and personal built numbers and

more than 3,000 comment entries have been imported from MelvilClass into WebDewey Deutsch. In the German WebDewey version, the number building tool is currently being offered in a limited mode because full operation of the number building engine requires complete DDC 23 data.

DNB is already engaged in discussions with OCLC on suggestions for further developments and improvements of WebDewey. Besides some smaller, but nevertheless important issues like a better display of the DDC hierarchy, or entering searches for Dewey numbers without obligatorily typing the Dewey decimal point, there are also some big issues which DNB would like to discuss with OCLC, Pansoft and DDC translation teams of other countries. One of them is the documentation of DDC updates beyond history information provided by MARC field 685 that should be maintained in the translation software and published to WebDewey in order to provide the user with a more detailed history of a class and with the possibility to search for DDC updates in WebDewey. This issue requires some good solutions for the whole translation and publication workflow, which will include technical adjustments to translation software, distribution server, and WebDewey itself. In general, the users are already pleased with the new WebDewey application, but according to their feedback they are still looking forward to some useful improvements.

> Heidrun Alex Deutsche Nationalbibliothek Email: H.Alex@dnb.de

### No. 47, June 2013



### **USA (Library of Congress)**

### **Dewey Decimal Classification**

The editorial staff within the Library of Congress Dewey Section continued, as they did throughout 2012, to update data in the Editorial Support System (ESS), thus making it available in the WebDewey 2.0 environment; they also contributed to the design of new functionality in WebDewey. The editors continued to assist with the multiple translations of the Dewey Decimal Classification (DDC). They moved forward especially on the French Guide de la classification décimale de Dewey, an authorized derivative work based on DDC 23; the French translation of DDC 23; and the Vietnamese translation of DDC 23. An assistant editor loaded OCLC's Swedish translation into the ESS development environment in February.

On January 23, 2013, the Dewey Section began assigning Library of Congress Classification (LCC) stems to Electronic Cataloging in Publication (ECIP) titles cataloged by the U.S. National Library of Medicine (NLM). NLM catalogs all clinical medical ECIP titles, but these ECIPs currently do not receive LCC numbers unless the published book is selected for the collections at the Library of Congress. In order to streamline the processing of these books and in order to provide the LCC in the pre-publication bibliographic record, Dewey Section classifiers now perform a Classification Web correlation search for all titles cataloged by NLM and assign the relevant LCC. The LCC stem, including established topical Cutter numbers, appears in the 050 field of the CIP bibliographic record.

Michael Panzer, the new editor in chief of the Dewey Decimal Classification, made his first official visit to the Library of Congress in his new role on February 27, 2013. Mr. Panzer will maintain an office at the Library of Congress and plans to spend one day a month here.

Dewey Section Head Caroline Saccucci represented the Library of Congress at the Decimal Classification Editorial Policy Committee (EPC) Meeting 136 at OCLC headquarters in Dublin, Ohio, May 13-14, 2013. The EPC, a group of about 12 librarians from around the world, including Australia, Canada, South Africa, the United Kingdom, and the United States, discussed recommendations and changes to the Dewey Decimal Classification. The very full agenda ranged from small changes to very large scale changes that would affect whole sections of the Classification. One of the broader topics of discussion was whether the DDC will be available in a print version in future and how future editions will be notated in the metadata. Ms. Saccucci gave a presentation to the EPC on AutoDewey, a program that utilizes the number assigned to a work from the Library of Congress Classification number to generate a Dewey classification number in a semiautomatic way to classify works of literature by individual authors.

# **Impact of RDA Implementation on Library of Congress Subject Headings**

The Library of Congress together with the U.S. National Library of Medicine, the U.S. National Agricultural Library, and the 800-plus members of the Program for Cooperative Cataloging (PCC) officially implemented the new cataloging instructions RDA: Resource Description & Access on March 31, 2103. (The Library of Congress overseas office staff

### No. 47, June 2013



and a few catalogers who worked on Sunday in the Library's Washington offices were the first U.S. national library staff to implement RDA in full.) In advance of the implementation, the Library accomplished changes to the LC/NACO Name Authority File to make certain headings acceptable under RDA. A total of 371,942 name authority records were changed and redistributed to Program for Cooperative Cataloging nodes and appropriate Cataloging Distribution Service subscribers. On April 2, the Library of Congress Policy and Standards Division (PSD) began a project to update Library of Congress Subject Headings (LCSH) headings that are printed in LCSH but are established in the LC/NACO Name Authority File to reflect RDA provisions. The project has been completed and the final batch of revised records was distributed through the MARC Distribution Service, a product line of the Library's Cataloging Distribution Service, on April 23, 2013. The list of LCSH authority records that were revised is available at URL http://www.loc.gov/catdir/cpso/subjects-RDAchanges.pdf, Library of Congress Completes Revisions to LCSH Prompted by RDA Phase 2 (PDF, 188 KB).

Personal, corporate, and conference names, as well as titles and geographic headings, were examined as part of the project. Revisions were made to headings, references and notes. Also revised as part of this project were headings established in LCSH, but based on headings found in the NAF:

- Phrase headings and subdivisions that are based on titles (for example, Food in the Koran was updated to Food in the Qur'an)
- Headings for temporary exhibition buildings, which are qualified by the name of the exhibition--for instance, the RDA-updated form Cyclebowl (Expo, International

Exhibitions Bureau, 2000, Hannover, Germany)

• Headings referring to the violoncello were updated to cello (for example, Violoncello and accordion music was updated to Cello and accordion music).

Excluded from the project were the revisions to headings for treaties, which have been postponed until the issues under discussion in the PCC have been resolved.

It is possible that some affected LCSH headings have been missed, and PSD is now accepting proposals from PCC members to modify LCSH headings to bring them into alignment with the authorized RDA form of heading. In addition, name headings that have not been programmatically updated to RDA forms may be revised in the coming months and years.

At this time, PSD is not planning to revise those LCSH headings that include abbreviations that are not permitted in RDA, which chiefly appear in a subfield \$y (e.g., Egypt—History—Early Dynastic Period, ca. 3100-ca. 2686 B.C.).

PSD has also begun to revise the Subject Headings Manual to reflect provisions of RDA, and expects the updated instructions to be available in early fall 2013.

# **Impact of RDA Implementation on Library of Congress Classification**

The Library of Congress Policy and Standards Division has revised Library of Congress Classification (LCC) captions to reflect RDA provisions (for example, the spelling Qur'ān has been revised to Qur'an; violoncello has been revised to cello).

### No. 47, June 2013



Additionally, PSD has begun to revise the Classification and Shelflisting Manual to reflect provisions of RDA. The project began with the instructions that were most heavily affected by RDA. The revised instruction sheets are posted in PDF format at URL <a href="http://www.loc.gov/catdir/cpso/csm\_instruction\_sheets.html">http://www.loc.gov/catdir/cpso/csm\_instruction\_sheets.html</a> on the Library of Congress Website until they can be distributed by the Cataloging Distribution Service later in 2013.

# **Library of Congress Subject Headings, 35th Edition**

The Library of Congress published the 35th edition of the Library of Congress Subject Headings in print in May 2013. The sixvolume set is current through January 2013 and contains approximately 332,500 subject headings and references, including 5,000 new subject headings established since the previous edition. The Library's Cataloging Distribution Service is distributing the six-volume set at the price of \$295 US within the United States (exclusive of Alaska, Hawaii, and overseas territories) and \$345 US elsewhere. This is the ninth consecutive year that the price of LCSH in print has not increased.

### **Genre/Form Projects**

Cartographic materials project: As reported in Classification and Indexing Section
Newsletter, December 2012, the Library of Congress Policy and Standards Division in February 2103 revised the Library of Congress Genre/Form Terms for Library and Archival Materials and Library of Congress Subject Headings (LCSH) to allow for more accurate and consistent description of all globes whether for Earth or for other planets and celestial bodies.

In collaboration with the Music Library Association (MLA), work continues to develop a genre/form vocabulary for music. The Library of Congress and MLA agreed in February 2013 on the terms listed at URL http://www.loc.gov/catdir/cpso/lcmlalist.pdf. For a list of candidate terms updated in March 2013, please see URL

http://www.loc.gov/catdir/cpso/musicterms.pdf

Work continues on the projects for religious materials, literature, and general genre-form terms (please see Classification and Indexing Section Newsletter, December 2012). Further information may be found on LC's genre/form web page,

http://www.loc.gov/catdir/cpso/genreformgene ral.html.

### **Music Medium of Performance Project**

The Library of Congress has been collaborating with the Music Library Association on medium of performance vocabulary, Library of Congress Medium of Performance Thesaurus for Music (LCMPT). (Please see Classification and Indexing Section Newsletter, December 2012.) The project recognizes medium of performance as a unique and entirely independent bibliographic fact of musical works. From December 17, 2012 through January 4, 2013, a volunteer, Ms. Priscilla Jane Smith, a student at the University of North Carolina at Chapel Hill School of Information and Library Science, designed an Excel spreadsheet for LCMPT terms and certain of their authority data elements, and began reviewing related Library of Congress Subject Headings, to be used as a point of departure for creating authority data for individual LCMPT terms. At the American Library Association Midwinter Meeting in Seattle, Washington, in January, MARBI (Machine-Readable Bibliographic Information, the ALA interdivisional committee that reviews and evaluates standards for exchange

No. 47, June 2013



of bibliographic information) approved MARC as a platform for LCMPT. The project now has completed a spreadsheet of the entire agreed-on vocabulary, along with selected data elements for each term, the whole intended to map to selected fields in the MARC Authority Format in order to create skeleton MARC authority records.

### **Quarterly Index of African Periodical Literature**

The Library of Congress's office in Nairobi, Kenya, published the Quarterly Index of African Periodical Literature (QIAPL) for twenty years, from 1991 until 2011. The Nairobi Office has worked with the African Studies Centre (ASC) in Leiden, the Netherlands, to incorporate the OIAPL content into the ASC's Africana Periodical Literature AfricaBib database, as of April 1, 2013. The new database is now available online (URL http://www.africabib.org/perio.htm) and researchers can consult one significantly enhanced database instead of two separate and smaller ones. Some 51,000 QIAPL citations from 750 journals from 29 Sub-Saharan African countries have been added to the ASC's AfricaBib database, which now has almost 200,000 entries. Links to the full text of the articles have been added to about 6.000 former QIAPL citations to make elusive articles with original African content easier to access.

Summary of news from the Library of Congress for the period mid-December, 2012, through mid-May, 2013 compiled by Susan R. Morris

Email: s.mor@loc.gov

# **DDC News**

### **International Dewey Users Meeting at IFLA**

OCLC will sponsor the 2013 annual International Dewey Users Meeting in conjunction with the World Library and Information Conference in Singapore on Tuesday, 20 August, 8:00–9:30 a.m. Watch for further information (and for where to register if you plan to attend) on 025.431: The Dewey Blog (http://ddc.typepad.com).

### WebDewey

We introduced a combination of data improvements, interface adjustments, and static linked PDFs on 23 September 2012 to support an abridged view of the full edition data in WebDewey. On 11 November 2012, we installed the beta version of the number building / user contribution tool in WebDewey. This new WebDewey feature assists users in building numbers, assigning index terms to the resulting numbers, and contributing the numbers plus index terms back to the Dewey user community. The user-contributed data are captured in a structured format that can be imported and redistributed. Since the launch we have continuously improved the number building engine and its underlying data, so please give it a try if you haven't had the chance yet.

### Dewey data distribution

In April 2013, the production German DDC data has moved to the distribution server with connections to the translation software and WebDewey DE. Utilization of data flows back to OCLC from translations plus WebDewey user contributed data is under development, with the goal to ingest the translation and user data into the common data pool.

### No. 47, June 2013



### **Dewey Linked Data**

Dewey.info, an experimental space for linked DDC data, contains now all assignable numbers and captions from DDC 23 (plus geographic areas from Table 2) and is continuously updated. We have extended the central distribution model to support data flows to dewey.info. Also available are the top three levels of the DDC in 12 languages, plus assignable numbers accompanied by captions from the English, Italian, and Vietnamese DDC Abridged Edition 14 data sets. The linked data included in WorldCat.org pages as Schema.org descriptive mark-up links to DDC data in dewey.info.

Dewey.info doubles as a web services platform. The newest addition to check out is a web service that allows automatic abridgment of a given Dewey number based in segmented numbers data in the DDC 23 database.

### **European DDC Users' Group**

EDUG met at the National Library of Norway, Oslo, Norway, 11–12 April 2013. On 11 April it sponsored a full-day international symposium, Building the future of DDC: Translations, technology and transition 2003–2013. The second day was devoted to meetings of the IT, 370, and 930 working groups, plus a general business meeting.

# **Decimal Classification Editorial Policy Committee (EPC)**

The Decimal Classification Editorial Policy Committee (EPC) held Meeting 136 at OCLC headquarters in Dublin, Ohio, 13–14 May 2013. Jonathan Furner (UCLA [and former assistant editor of the DDC]), was elected as chair for the term January 2014 – December 2015. He will succeed current chair Caroline Kent (British Library), who has served the

maximum number of years in that position. Since he had been serving as vice-chair, a new vice-chair also needed to be elected. Deborah Rose-Lefmann (Northwestern University Library) was elected as vice-chair. Caroline Saccucci (program manager, Dewey Section at Library of Congress) has joined EPC, replacing Karl Debus-López as the continuing Library of Congress representative.

The agenda included proposals concerning a variety of topics, including St Helena, Ascension and Tristan da Cunha (T2—973, 997.3); modern Assyrians in Table 5; 004–006 Computer science; digital media (scattered, especially 004–006, 302, 070, 384); 289.3 Latter-Day Saints (Mormons); 299.675 Vodou; parental leave (331 and 368); preference order in 302–307; the treatment of marriage, partnerships, and unions (306 and 346); 641.509 vs. 641.59 for collections of recipes from specific restaurants; concertos, and keyboards vs. accompaniment (780); 878 Latin miscellaneous writings and 888 Classical Greek miscellaneous writings. Some proposals that were discussed will be considered again at electronic meeting 136A, e.g., the new standard subdivision for archaeology; national groups in Table 5 Ethnic and National Groups; natural computing (006.3); 211 Concepts of God. The committee considered discussion papers on weapons and military engineering (355 and 623).

EPC continued discussion on the possible adoption of a new taxonomic basis for 583–584 Angiosperms—specifically, APG III, the third version of the taxonomy developed by the Angiosperm Phylogeny Group (APG), an international group of systematic botanists who work to establish a consensus view of the taxonomy of flowering plants (angiosperms) that reflects new knowledge about their relationships based upon phylogenetic studies.

### No. 47, June 2013



### **Translations**

Most of the Dewey translations highlighted below are using translation-support software developed by Pansoft. The Pansoft software imports and exports DDC data using the same MARCXML format used to export the English-language DDC data and to represent DDC data in WebDewey 2.0.

#### Arabic

A new Arabic translation of the full DDC is under way at Bibliotheca Alexandrina and is expected to be published in 2013.

#### French

The new edition of Guide de la classification dècimale de Dewey, an authorized derivative work based on DDC 23, was published in February 2013 by Electre. Although the Guide translation was not using Pansoft's translation software, a full French translation of DDC 23 is underway using Pansoft.

### German

DNB launched the German version of WebDewey on 30 November with updated DDC 22 data; WebDewey DE also features the new number building / user contribution tool, albeit with limited functionality. DNB expects to introduce the German translation of DDC 23 in 2015. An updated translation of DDC Sachgruppen is also under development.

#### Indonesian

Work continues at the National Library of Indonesia on the Indonesian translation of Abridged Edition 15.

#### Italian

The decision has been made to pursue a new full-edition translation, and an agreement has been signed in March 2013, licensing WebDewey for the Italian web edition.

### Norwegian

Work continues at the National Library of Norway on a translation of DDC 23 in a webonly version and is scheduled to be completed by the beginning of 2014.

#### **Swedish**

In March 2012, the National Library of Sweden made available the full mixed translation of DDC 23 in the Swedish version of WebDewey.

#### Vietnamese

The Vietnamese translation of DDC 23 is now slated to be issued by mid-2013.

### Dewey by the Numbers

We have adopted a new Dewey "scorecard" to give users a quick overview of the Dewey database (2013-04-01):

	Now in DDC 23	New in DDC 23	New last quarter
Assignable numbers (in schedules)	39,322	2,189	129
Facets (in Tables 1–6; add tables)	12,125	603	4
Relative Index terms	101,382	4,290	226
LCSH mappings	23,785	9,050	333
BISAC mappings	3,183	387	0
MeSH mappings	379	258	72

Michael Panzer Editor-in-Chief, Dewey Decimal Classifiaction Email: panzerm@oclc.org

No. 47, June 2013



# **UDC News**

This year UDC will hold its biennial Seminar (The Hague, 24-25 October) and for the past six months the UDC teams have been busy with the preparation of the programme and the conference proceedings. 2013 has also seen a redesign of the UDC Consortium website and development of the Multilingual UDC Online service is underway. In addition the Consortium is also working on two abridged UDC editions: Dutch (announced last year) which went to print this month and English which is planned for January 2014. UDC revision work has also been intensified due to plans for new printed and online editions. This issue of the Newsletter provides a summary of the most important news and highlights.

### **UDC** Update at IFLA - Singapore

The regular UDC update session at IFLA will take place on Sunday, 18 August 2013, 13.45-15.45, R. 311

Colleagues are invited to join us and learn more about new developments in UDC, Multilingual UDC Online, new editions and translations, and development work on the UDC schedules.

### **UDC Consortium News**

Due to the sudden illness of the UDC chairman Mr. Alan Hopkinson, the Consortium has appointed Dr. Maria Ines Cordeiro as vice-chair. She will take over all the chairman's duties in the absence of Mr. Hopkinson. Dr. Cordeiro was the editor-in-chief of the UDC 2006-2010. From 2010 she has been UDCC policy advisor and closely collaborated with Mr. Hopkinson. Dr. Cordeiro, is the director general of the National Library of Portugal.

In 2013 the Consortium is preparing a new and more inclusive membership scheme in conjuction with a greater range of products and services to libraries and publishers. This year the UDCC is also taking over (from the British Standards Institution) the publishing of UDC editions in the English language and will remain the principal publisher of all editions in English.

### **New UDC Website**

In February the new, redesigned UDC Website (http://www.udcc.org) was released. The new website contains a UDC Consortium online shop which allows the ordering of UDC Consortium publications with online payment (credit card/Paypal). More features will be added in the near future and it will become a true launchpad for all information related to the scheme and its users.

#### **UDC Content Revision**

This year the editorial team received a number of very important proposals that are now in the process of preparation for publication and wider discussions. Apart from the further development of place tables we have also received and are currently discussing a proposal for system theory (to be placed in class 007). The most important and far reaching content update is the revision proposals for Philosophy which we received in 2013. This proposal assumes that class 159.9 Psychology and the subjects of Occultism and Mysticism will be moved outside class 1. The UDC Editorial Team and the UDC Advisory Board, as well as the wider circle of subject specialists working with UDC, will be discussing the appropriate place for these subjects following the publication of Extensions & Corrections 34 (2012). This E&C has been delayed in order to accommodate as many relevant and urgent

### No. 47, June 2013



issues as possible before the release of the next UDC MRF.

### **Multilingual UDC Online**

This UDC online tool will be a subscriptionbased service which is envisaged to represent a centralised hub of UDC data in a variety of languages supported by a translation tool and mechanisms for controlled and regular updates.

The service will be released for testing in July and will initially support the English language. The next two languages that will be released for testing will be Czech and Dutch. Currently the central multilingual UDC database also contains UDC data in German, French, Spanish, Croatian, Estonian and Polish and schedules in these languages are curently being updated. Which of these languages will be included in the UDC Online service will depend on agreement with the language owners. More information about features, subscription options and prices will be announced in August 2013.

### **International UDC Seminar 2013**

International UDC Seminar 2013 entitled "Classification & Visualization: Interfaces to Knowledge" will take place on Thursday 24 - Friday 25 October in the National Library of the Netherlands (Koninklijke Bibliotheek), The Hague.

The objective of this conference is to explore cutting edge advances and techniques in the visualization of knowledge across various fields of application and their potential impact on developments in the more main stream bibliographic and documentary classifications.

The conference will be opened by Emer. Prof. W. Boyd Rayward, well-known historian of the international organization of knowledge

and the history of documentation and information science. His keynote address will set the scene for discussions on models and metaphors of knowledge and information visualization that bridge historical and technological perspectives.

A series of eminent speakers will follow: Lev Manovich, Kathryn La Barre, Fabrice Papy, Marcel Worring, Luca Rosati, Andrea Resmini, Scott Weingart, Richard Smiraglia, Charles van den Heuvel, Andrea Scharnhorst etc.

To view the conference programme and to register, visit the conference website <a href="http://seminar.udcc.org/2013.">http://seminar.udcc.org/2013.</a>

Early bird registration closes on 30 June 2013: €180 early bird fee, students €140 €220 regular fee, students €180 Contact: <a href="mailto:seminar2013@udcc.org">seminar2013@udcc.org</a>

Aida Slavic
Editor-in-Chief, Universal Decimal
Classification
UDC Consortium, The Hague
Email: aida.slavic@udcc.org

No. 47, June 2013



# **New publications**







#### FRBR in Arabic

An Arabic version of the Functional Requirements for Bibliographic Records (FRBR) is now available. It was translated by Doaa Ali Mohamed Ali (Department of librarianship, archives and information science, Faculty of Arts, Cairo University).

العربية Download

### Open Access and Digital Libraries / Acceso Abierto y Bibliotecas Digitales

by Lynne M. Rudasill & Maria Elena Dorta-Duque (Eds)

Series: IFLA Publications Series 158 Publisher: Berlin/Munich: De Gruyter Saur, 2013

This work provides information on the development and use of digital resources in the social sciences emphasizing best practices.

# Vu, lu, su. Les architects de l'information face à l'oligopole du Web

By Jean-Michel Salaün
Publisher: La Découverte, Paris, 2012, 151 S.
Ce livre propose d'observer le Web sous un angle inédit, en le plaçant comme un moment d'une histoire longue et méconnue, celle du document. Inventé par Tim Berners-Lee, le Web prend la suite des efforts d'indexation systématique lancés à la fin du XIXe siècle, modifiant le document lui-même dans ses trois dimensions : la forme, le contenu et la fonction de transmission.

No. 47, June 2013



# Conferences & Workshops 2013

#### June

18–26 June Cycling for libraries –unconference Amsterdam to Brussels http://www.cyclingforlibraries.org/

24-26 June
International Conference on Information
Society (i-Society 2013)
University of Toronto, Hart House, Toronto,
Canada
www.i-society.eu

### July

15 July free workshop "Combining Bibliometrics and Information Retrieval" at ISSI 2013 Vienna, Austria <a href="http://www.gesis.org/en/events/conferences/issiworkshop2013/">http://www.gesis.org/en/events/conferences/issiworkshop2013/</a>

### August

19-22 August
CoLIS 8 -INFORMATION, MEDIA &
CULTURE - International Conference on
Conceptions of Library and Information
Science
Copenhagen, Denmark
<a href="http://www.iva.dk/english/colis8/">http://www.iva.dk/english/colis8/</a>

### September

2-6 September
LINKING TO THE FUTURE - International
Conference on Dublin Core and Metadata
Applications
Lisbon, Portugal
http://purl.org/dcevents/dc-2013

6 September

CAMP-4-DATA Workshop @ DC-2013
Dublin Core-Science and Metadata
Community and Research Data Alliance are
hosting a day-long Metadata Interest Group
workshop
Lisbon, Portugal. 26 Sept
<a href="http://dcevents.dublincore.org/IntConf/index/p">http://dcevents.dublincore.org/IntConf/index/p</a>
ages/view/camp-4-data

26 September

3rd International Workshop on Semantic Digital Archives (SDA) in conjunction with the 17th Int. Conference on Theory and Practice of Digital Libraries (TPDL) Valetta, Malta

http://mt.inf.tu-dresden.de/sda2013/

#### **October**

24-25 October
International UDC Seminar 2013
"Classification & Visualization: Interfaces to Knowledge"
National Library of the Netherlands
(Koninklijke Bibliotheek), The Hague
<a href="http://seminar.udcc.org/2013">http://seminar.udcc.org/2013</a>

#### November

8-9 November
3rd International Symposium ISKOMaghreb'2013 Concepts and Tools for
Knowledge Management
Marrakech, Morocco
www.isko-maghreb.org

19-20 November
Online Information 2013
London, UK
www.online-information.co.uk/

25-27 November SWIB13 - Semantic Web in Libraries Hamburg, Germany <a href="http://swib.org/swib13">http://swib.org/swib13</a>

No. 47, June 2013



# **About**

The Indexing & Classification Newsletter is published twice a year for free distribution. It serves to inform the Section members of the Section's activities, IFLA updates and events related to indexing & classification.

The IFLA Section on Classification and Indexing focuses on methods of providing subject access in catalogues, bibliographies, and indexes to documents of all kinds, including electronic documents. The Section serves as a forum for producers and users of classification and subject indexing tools, and it works to facilitate international exchange of information about methods of providing subject access.

This newsletter Nr. 47 was edited by Yvonne Jahns, Deutsche Nationalbibliothek, Germany. mailto: <u>y.jahns@dnb.de</u>

Visit our Section's Website
<a href="http://www.ifla.org/en/classification-and-indexing">http://www.ifla.org/en/classification-and-indexing</a>

Comment on our Section's Blog http://blogs.ifla.org/ci/

Subscribe to our news-list <a href="http://infoserv.inist.fr/wwsympa.fcgi/info/class">http://infoserv.inist.fr/wwsympa.fcgi/info/class</a>

### Future Libraries: Infinite Possibilities

World Library and Information Congress 79th IFLA General Conference and Assembly Singapore

17-23 August 2013 | www.ifla.org









