



# IFLA Section of Science and Technology Libraries Newsletter

November 2005

## ***Welcome from the Chair***

World Library and Information Conference in Oslo 2005 was indeed a success. We had a very busy week with a combination of business meetings, interesting papers and presentations, and social program, all in a beautiful and sunny summer weather of Oslo.

In our standing committee meetings we said goodbye to several colleagues and welcomed new friends from around the world. Julia Gelfand had served her two terms as the chair and her wonderful work in the leadership of the section was acknowledged with great appreciation. We are happy to know that Julia will continue to work in the standing committee in the coming years. Ray and I hope to be able to meet the standards set by Julia in keeping the section thriving.

This issue of the section newsletter marks the end of an era. This is the last issue that will be printed and mailed to all section members. It was decided in Oslo that in 2006 the STL newsletter will go electronic only with copies printed on demand. The electronic newsletter will be available through the section homepage at <http://www.ifla.org/VII/s7/index.htm> and calls for content will be solicited among members via e-mail.

In the coming weeks the section review 2001-2004 will be sent to the IFLA Professional board for evaluation. Deadlines are also quickly approaching for the next conference and plans are underway to organize an open session and a study tour. You will find the exciting STL call for papers for Seoul 2006 later in this newsletter.

I hope to that 2006 will be a good year for the members of the section. I hope that we will see many of you participate in our section activities in conjunction with the coming conferences. Also, please share with us your experiences and insights about science and technology librarianship via this newsletter or the section electronic mailing list (<http://infoserv.inist.fr/wwsympa.fcgi/info/stl-sc>). Please keep Ray and I posted about what is happening in your part of the world.

With best wishes  
Irma Pasanen  
Chair, Science and Technology Section 2005-2007

## ***Farewell from the Outgoing Chair***

Colleagues:

It is with great pleasure to share with you that the new Chair of the IFLA Science & Technology Section for 2005-2007 is Irma Pasanen from Finland. She was nominated after having served her entire first term as Secretary / Information Officer and was elected unanimously by the 2003-2007 Standing Committee Members who were in Oslo. The new Secretary is Ray Schwartz from the United States. He, too, begins his second term and was elected unanimously and has helped the Section by moderating our Open Session in Buenos Aires and worked on the Research Project. His next efforts will be to edit and issue the next Newsletter later this month and he will be in touch with you soon about that. I want to urge the entire Standing Committee to support Irma and Ray and come forward to participate in future activities and conference planning. I am very confident that they have our

best interests in mind as they work with the Division II Coordinating Board. Congratulations Irma & Ray.

Those of us who were in Oslo had a wonderful week. There were many highlights. Our co-hosting of the Satellite conference on Open Source was a great beginning to the conference and over 200 persons attended. We want to acknowledge all the work that Arne Jakobsson and his colleagues at the University of Oslo Health Sciences Library did to host this successful event. The hospitality was most generous.

The STS Open Session on a different spin of open source content attracted over 150 persons at a site not easy to find and at a time just before the celebration of the reopening and rededication of the newly remodeled Norwegian National Library. Irma Pasanen organized this program and an initial review of the conference evaluations indicate that attendees were very happy with the program.

Thanks to Anne-Mette Vibe, we had a wonderful full day outside of Oslo in Kongsberg at the Mines and visited several museums that share a site and introduced us to different highlights of Norwegian science and economic success. The museums of the Mines, Norwegian ski achievements and chronology; and the evolution of technologies associated with exploration of the North Sea. It was a wonderful day and the 20 of us who participated had a terrific time.

Our meetings were productive and we welcomed the new members who were present, Billie Jo Reinhart (US); Jill Mayer (US); Xiwen Liu (China) and acknowledged those who have completed their terms: Marianne Nordlander, Philippe Raccah, Tovah Reis, Werner Stephan, Jan Companien, Jean Poland, Rafayel Harutyunyan, and Andrei Zemskov. Additional coverage of the conference will be shared in coming weeks.

IFLA 2006 plans are coming along under Irma's direction and she will share more about that in coming messages. We had a productive meeting with members of the Korean Organizing Committee and Dr. Suk Young Kim, a member of our Standing Committee, who is the Program Chair for the entire conference and obviously very busy. It looks like we will issue a call for papers on themes related to the "Ubiquitous Library" and have a site visit to the Science Research Park outside of Seoul with interesting stops en route. We hope that you have already booked your calendar with the dates of that meeting, August 20-24, 2006 and please remember that the Standing Committee Meetings will be **Saturday, August 19 and Friday, August 25** and we urge you to plan to attend what promises to be an exciting meeting in a fascinating part of the world. It is not too soon to begin thinking of Durban, South Africa, the destination of our 2007 meeting. Irma and Ray will be calling upon us to help plan those meetings and involve our colleagues in those regions.

Immediately upon my return to the US on Sunday, August 28 Hurricane Katrina struck the gulf coast making history with one of the worst disasters in the United States. Obvious preoccupation with monitoring events and the situation there has been traumatic and I thank you for your wishes and prayers for all the residents of that region. As an officer of the American Library Association this year, it has been very busy as ALA is scheduled to hold its 2006 Annual Meeting in New Orleans next June but how definitive that remains unknown at this time.

With best wishes,

Julia Gelfand  
Past Chair, IFLA Science & Technology Section 2001-2005  
September 7, 2005

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**Chair and Treasurer**

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### ***IFLA Satellite meeting Open access: the option for the future!?***

A very interesting satellite meeting about Open access took place at the Rikshospitalet University Hospital on Saturday 13<sup>th</sup>. It was organized by the Health and Biosciences libraries and the Science and Technology libraries sections.

Speakers from research institutions, from national or international programs for science and technology information and from publishers review different issues and exposed their point of view concerning open access.

Here are the main points I noticed:

- A growing extent of institutional repositories, for pre-print and published papers
- An active promotion of open access publications within research institutions such as CERN, NIH (United States), CNRS (France), University of Bologna (Italy), etc.
- The cautious but resolute way some publishers such as Oxford University Press are experiencing a new open access economic model
- The awkward position of Elsevier, having to offer some (limited) open access arrangements to the authors but keeping on criticizing the open access model
- An important national financing for access of searchers and the general public to the scientific information in countries such as United Kingdom and Iceland
- The still uncertain status of the open access model due to economic feasibility questioning, the weight of traditional publishing in academic institutions and habits of many researchers
- A growing awareness of research institutions and financing authorities that they have to include the cost of publishing in the research budget. In this case it means to include the financing of publications from the authors in the total financing of research, thus enabling the researchers community and all curious people to access scientific information.

The abstracts of the papers/presentations with links to the full presentations are listed at [http://www.ub.uio.no/ifla/IFLA\\_open\\_access/programme\\_abstracts.htm](http://www.ub.uio.no/ifla/IFLA_open_access/programme_abstracts.htm)

Philippe Raccah  
Bibliothèque nationale de France

### ***The Science & Technology 2005 Open Session in Oslo***

The Science & Technology Section chose the theme, "Open Source Literature: Widening the scope to serve science and its disciplines" to compliment the general conference theme of "Libraries – A voyage of discovery," and to build on the theme, of its Satellite Session that opened the conference on "Open Access in Science and Medicine." Open source content is the wave of new approaches to scholarly publishing and poses challenges of organization, citation patterns, distribution, archiving and retention. The three speakers in this program addressed different aspects of this topic and gave attendees much to ponder.

The first speaker, Keith G. Jeffery, Director of Information Technology at the Rutherford Appleton Laboratory in the United Kingdom delivered his presentation, "CRIS + Open Access = The Route to



Research Knowledge on the GRID" by explaining what the European GRID infrastructure was all about in the Research and Development

community. Basically the concept combines metacomputing in a distributed environment. The links he defined as Current Research Information Systems are indeed compatible with the trend of establishing institutional repositories and lend to a more systemic understanding of scholarly publication output and create a more holistic framework for research dissemination. Many academic and research libraries see this application as the right direction for organizing and sharing information from a variety of sources in different outputs.

The Scandinavian experience of studying applications of impact factors was shared by Anne-Mette Vibe and Arne Jakobsson of the University of Oslo Libraries. Their presentation, "Counting the buttons" framed how the new budgeting model for research introduced in 2005 by Norway's Higher Education Sector documents the proposal of how to reward scientific quality through publication output.

The final paper delivered by Mary-Deirdre Coraggio, Chief of the National Institute of Standards and Technology, a non-regulatory agency in the US Department of Commerce's Technology Administration. She described the formation and implementation of the Publications Knowledge Management Program at NIST and how the Information Services Division there manages the knowledge management initiatives to promote NIST's scientific and technological community's work.

Together these three papers explored different approaches to open source literature and how the industrial, academic and government research communities are prepared to distribute their knowledge management investment through various methods of dissemination. A fair amount of discussion and interaction followed the formal presentations. The three papers are available in several languages at

<http://www.ifla.org/IV/ifla71/Programme.htm> (scroll down to program 101 for the papers).

Julia Gelfand  
University of California - Irvine, USA

### **Science and Technology Study Tour to Kongsberg**

Members of the Science & Technology Section took a study tour to Kongsberg, the cradle of science and technology of Norway, on August 17 and we learned about the 300-year history of the town and the mines. The Kongsberg mines were in operation from 1623 to 1958 and produced over 1350 metric tons of silver. It was the largest enterprise in pre-industrial Norway and one of the largest silver mines in Europe.



In the mine's heyday, around 1770, it employed 4,000 people. In addition, about 2,000 farmers were involved in producing and

transporting the timber needed for the mine. Kongsberg was Norway's second-largest town at that time.

We reached Kongsberg after a short bus ride from Oslo and were welcomed by our guide. During lunch

our guide described mining life in the 16<sup>th</sup> and 17<sup>th</sup> centuries and then escorted us into the mine. We entered small train cars, eight to a train, and descended into the depths of the mine. We entered a mineshaft and viewed veins of silver, remains of waterwheel houses, horse driven treadmills, and shaft-top buildings. We learned about the remarkable system of artificial lakes connected by



channels, which provided power for the mines. We also viewed a replica of the mountain with a hologram inside which illustrated the location of each mine.

Our next stop was a visit to the Norwegian Mining Museum where we viewed many instruments and implements used

in the mining operations. However, the special treat, behind the bolted door, was a collection of very special Kongsberg silver configurations. Silver does not always develop in veins but sometimes the silver creates magical designs. One looked like a tree others like flowers or modern art. This museum also houses a ski museum where skiing equipment and competition medals could be viewed.

Near the museum was the first site of science and



**1st Site of Sci/Tech Education in Norway**

technology education for the mining-engineers, and the Kongsberg Church, a beautiful baroque church from 1761. The baroque organ was

made by the German Gottfried H. Gloger and is the largest baroque organ in Northern Europe.

Jill Byerly Mayer  
University of North Carolina - Chapel Hill, USA

\* Photos: Ray Schwartz

## ***Introducing New Standing Committee Members 2005-2009***

### **Jill Byerly Mayer**

Jill lives in the USA and has been a medical librarian for more than 25 years. She completed her graduate work from the School of Library and Information Science at The University of Texas at Austin. Jill has worked as a traveling librarian for small rural hospitals in northwestern North Carolina, as a reference librarian at the Health Sciences Library, UNC Chapel Hill, North Carolina, and is currently the Assistant Administrator of the NC Area Health Education Center (AHEC) Library and Information Services Network at UNC Chapel Hill. She is an active member of the Medical Library Association (MLA), International Cooperative Section of MLA, and the UNC Chapel Hill International Friendship Program. Her interests outside of work include gardening and travel.

### **Anne Powell**

I am a Programme Officer with the International Network for the Availability of Scientific Publications, INASP. INASP's vision is that all people are able to access and contribute information, ideas and knowledge necessary to drive sustainable and equitable development. Our mission is to enable worldwide access to information and knowledge with particular emphasis on the needs of developing and transitional countries. My particular role is in the electronic information delivery component of the Programme for the Enhancement of Research Information. I work with in-country partners, typically librarians or researchers, to access, promote and use electronic resources, on which INASP has negotiated discounted, country-wide licences.

Prior to joining INASP, I was Head of Department, Department of Library and Information Science, Harare Polytechnic. I taught on a wide range of "public service" courses and took a keen interest in the careers of students. I am still in touch with many of these colleagues on both a work and personal basis.

I hope to be able to contribute my experience in and passion for international information transfer and access, and for libraries in developing countries to the IFLA Science and Technology Libraries Section.

### **Billie Joy Reinhart**

I am presently a Librarian Emeritus at Cleveland State University where I worked for many years as a Science and Engineering librarian. In addition, I served on the University Library Management Team and coordinated the Bibliographic Instruction Program. I am active in the American Library Association. My work included Co-Chairing ACRL Science and Technology Section Discussion Groups and serving as Secretary, Chair-Elect and Chair of the Section. I have given presentations at the Canadian Bibliographic Instruction Annual Meeting, LOEX of the West, and ACRL Conferences. I have moderated meetings and presented poster sessions at ALA Midwinter and Annual meetings. I have written several publications regarding Information literacy.

My awards include Outstanding Chemistry Librarian of Cleveland and Outstanding Professional Woman of Cleveland State University.

## ***Midwest Transportation Knowledge Network of the United States***

A traditionally under funded sector of the S/T library world is attempting to get organized and turn things around. A joint meeting of the Midwest Transportation Knowledge Network ([www.mtkn.org](http://www.mtkn.org)) and the technical advisory committee for the Transportation Connectivity pooled fund project (<http://www.pooledfund.org/projectdetails.asp?id=910&status=1>) was held in Kansas City, MO, USA, October 19-21, 2005. It was the largest-ever gathering of librarians and others working to develop plans for improving transportation-related library and information services. For further information, see: [http://www.mtkn.org/annualmtg\\_Oct05.htm](http://www.mtkn.org/annualmtg_Oct05.htm) [http://www.mtkn.org/pdf/LibraryConnectivityAgenda\\_Oct2005.pdf](http://www.mtkn.org/pdf/LibraryConnectivityAgenda_Oct2005.pdf),

contact me, Arlene Mathison, [amathison@cts.umn.edu](mailto:amathison@cts.umn.edu), MTKN chair, or Nina McLawhorn, [nina.mclawhorn@dot.state.mn.us](mailto:nina.mclawhorn@dot.state.mn.us), chair of the technical advisory committee.

Submitted by Jerry Baldwin, Library Director Mn/DOT Library, Minnesota Department of Transportation, Saint Paul, MN, USA



## World Library and Information Congress: 72nd IFLA General Conference and Council

"Libraries: Dynamic Engines for the Knowledge and Information Society"

20-24 August 2006, Seoul, Korea

### Call for Papers

Science and Technology Libraries

Theme:

*"Workings of the Ubiquitous Library:*

*Will all library services and content be available to anyone, anywhere at anytime?"*

The International Federation of Library Associations and Institutions (IFLA) [Science and Technology Libraries \(STL\) Section](#) is planning a two-hour program in Seoul as part of the World Library and Information Congress 20-24 August 2006. The theme of the conference is "Libraries: Dynamic Engines for the Knowledge and Information Society".

Libraries have been in the forefront of change when it comes to the digitized information delivered over the networks. Today's developing digital library and wireless technologies, and their associated open standards are converging to create "the ubiquitous library". Ubiquitous library services will be always available at the fingertips of the users. Smart objects, such as books tagged with RFID, will convey added information and make objects situation-aware. There will be numerous entrance points to the library, seamless interaction, and additional communication channels between humans and information systems in the omnipresent library.

As dynamic engines, libraries can continue to play a part in defining their own future. We are therefore interested in exploring the concept of "the ubiquitous library". We are looking for leading edge technological solutions in libraries that demonstrate the application of the concept. The papers can address technology applications and/or standards, case studies, and/or principles involved in matters regarding the library as always present.

Three to four papers will be selected for presentation.

Proposals for papers must be submitted by:

**15 January 2006**

to **Irma Pasanen**

Chair, IFLA section for Science and Technology Libraries

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The proposal should include a title, a 200-400 word abstract and relevant biographical information of author(s) / presenter(s). Successful proposals will be identified by 15 February 2006 and the full paper is due by 1 May 2006.

Please note that all fees, including registration for the conference, travel, accommodation, etc. are the responsibility of the authors of accepted papers.

For additional information, please contact

**Ray Schwartz**

E-mail: [schwartzr2@wpunj.edu](mailto:schwartzr2@wpunj.edu)

**For more information about the concept of "the ubiquitous library" please see:**

<http://www.lib.umd.edu/deans/ublibreport.pdf> <http://muse.jhu.edu/journals/portal>

[http://www.inforum.cz/inforum2005/pdf/Obst\\_Oliver.pdf](http://www.inforum.cz/inforum2005/pdf/Obst_Oliver.pdf)

Also, the article that was published in the New York Times Technology Section October 5, 2005 might be of interest. By Pamela Licalzi O'Connell.

[Connections: Korea's High-Tech Utopia, Where Everything Is Observed.](#)

New Songdo City, a large "ubiquitous city" being built in South Korea, is being viewed as an opportunity to show off technological prowess and attract foreign investment.

**Report from IATUL 2005** by Irma Pasanen

The annual meeting of the International Association of Technological University Libraries (IATUL) took place in Quebec City, Canada May 29-June 2, 2005 and was hosted by the Université Laval Library. The theme of the conference was "Information & Innovation" and about 110 delegates from 25 countries attended the conference. There were several invited keynote speakers and tracks of concurrent papers and posters. The relationship between the generation, publication and use of scientific information and the innovation agendas of

governments, industry and universities worldwide were explored through aspects of infrastructure, people, and global innovation initiatives. Open access issues and the role of libraries in the process of advancing knowledge were among topics discussed. IATUL is a fully inclusive conference that runs for 4 days including a one-day field trip to area libraries. There was also a post-conference tour to the new National Library of Quebec in Montreal that had been inaugurated in April 2005. The conference proceedings are available at <http://www.iatul.org/conference/proceedings/vol15/>

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**UPCOMING EVENTS**

**Open Access to Grey Resources - 7th International Conference on Grey Literature** - 5-6 December 2005, INIST-CNRS, Nancy, France <http://www.textrelease.com/pages/2/>

**ALA Midwinter Meeting** - 20-25 January 2006, San Antonio, Texas, USA - <http://www.ala.org/midwinter>

**ACRL/CNI/EDUCAUSE Joint Virtual Conference**, "Innovate and Motivate: Next Generation Libraries" - 20-21 April 2006 <http://www.ala.org/ala/acrl/acrlvents/virtualconference.htm>

**MLA Annual Meeting** - 19-24 May 2005, Phoenix, Arizona, USA - <http://www.mlanet.org/am/am2006/index.html>

**IATUL The 27th Annual Conference** - Embedding Libraries in Learning and Research - 22-25 May 2006, Faculdade de Engenharia Universidade do Porto, Portugal. <http://www.fe.up.pt/iatul2006/>

**SLA Annual Conference** - 11-14 June 2006, Baltimore, Maryland USA  
<http://www.sla.org/content/Events/conference/ac2006/index.cfm>

**ASEE/ELD Annual Conference & Exposition** - 18-21 June 2006, Chicago, Illinois, USA  
<http://www.asee.org/about/events/conferences/annual/2006/index.cfm> <http://eld.lib.ucdavis.edu/>

**ALA Annual Conference** - 22-28 June 2006, New Orleans, Louisiana, USA - <http://www.ala.org/annual>

**EUNIS 2006** - 28-30 June 2006, Tartu, Estonia <http://www.ut.ee/EUNIS2006/>

**LIBER Annual General Conference** - 4-8 July 2006 - Theme: 'Turning the library inside out' - Uppsala University Library, Sweden <http://www.kb.dk/liber/conf/2006/index.htm>

**ACRL/ARL Institute on Scholarly Communication** - 12-14 July 2006, Los Angeles, California, USA - <http://www.ala.org/ala/acrl/acrlissues/scholarlycomm/scinstitute.htm>

**Shanghai International Library Forum (SILF)** - 17-19 August 2006, Shanghai Library, Shanghai, China.  
<http://www.libnet.sh.cn/silf2006/>

**World Library and Information Congress: 72nd IFLA General Conference and Council** - 20-24 August 2006 Seoul, KOREA - <http://ifla.org/IV/ifla72/index.htm>

**EDUCAUSE** - 9–12 October 2006, Dallas, Texas USA - <http://www.educause.edu/e06>

**Access 2006** - 11-14 October 2006, Ottawa, Canada

**LITA National Forum** - 26-29 October 2006 - Nashville, Tennessee, USA

**ACRL 13th National Conference** - 29 March - 1 April 2007, *Baltimore, Maryland, USA*  
<http://www.acrl.org/ala/acrl/acrl events/baltimore/baltimore.htm>

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**Forum of the IFLA Science and Technology Libraries Section**  
\*\*\* [stl-sc@infoserv.inist.fr](mailto:stl-sc@infoserv.inist.fr) \*\*\*

The Sci-Tech list forum continues to grow and there are 144 members on the mailing list from all over the world. Anyone interested in the work of the Sci-Tech Section is welcome to join. Please see <http://infoserv.inist.fr/wwwsympa.fcgi/info/stl-sc> for instructions. If you change our e-mail address, please update that with the mailing list as well.

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