Science and Technology Libraries Section

Newsletter   July 2009

Chair/Treasurer
Jill B. Mayer
Associate Director
North Carolina
Area Health
Education Center,
Information and
Library System,
University of
North Carolina at
Chapel Hill NC
27599
United States
Tel. + (1)
919)9660960
jbmayer@email.
unc.edu

Secretary/ Editor/
 Information -
Coordinator
Deva E. Reddy
Associate
Professor of
Library Science
Texas A&M
University
College Station,
Texas   77843
United States
Tel. + (1)
(979)8621062
DEReddy@tamu.
edu

Message from the Chair

 Greetings to members and friends of the Science and Technology Libraries Section. We hope to see many of you in Milan, Italy, at the World Library and Information Congress: 75th IFLA General Conference and Assembly, **23-27 August 2009**.   As you will see in the newsletter, we have assembled an excellent panel of speakers for our Open Session who will speak about *"Open access to science and technology research worldwide: strategies and best practices".*

The Science and Technology Section agreed to co-sponsor, along with the Division of Special Libraries, the Geography and Map Libraries Section Open Session. You will find their program information in this newsletter. We are very pleased to be a part of this session. The Agricultural Libraries Special Interest Group is very active and will also present an interesting and educational program: *"Worldwide trends in open access to agricultural information".*
On behalf of the Science and Technology Libraries Section Standing Committee, we welcome you to attend our open sessions.
We hope to see you in Milano.

Jill B. Mayer, Chair

Editorial

Open access, about which our section is focusing this year, is a hackneyed phrase among both information professionals and scholars. In 2008 we saw some positive developments in open access and scholarly communications all over the world.

We proudly welcome four more members to our Standing Committee, after the Milan conference, however only 13 official members remain. Unfortunately, Australia, Africa and Latin America are not represented. This year our Science & Technology Libraries Section membership stands at 98. Perhaps, we can all work on recruiting new members, particularly from unrepresented countries.

Deva E. Reddy
Secretary and Editor

Standing Committee Meetings (open to observers)
 SC Meeting I   Saturday, August 22   14:30-17:20
 SC Meeting II   Wednesday, Aug. 26   8:00-9:30

Open Sessions:
Science & Technology Libraries   Tuesday, August 25   16.00-18.00
Geography& Map Libraries   Tuesday, August 25   09.30-12.45
(with Science &Technology Section)
Agricultural Libraries   Monday, August 24   13.45-15.45

2010   IFLA Conference in Göteborg, Sweden

IFLA is delighted to announce that its 2010 IFLA World Library and Information Congress (WLIC) will be held in Göteborg, Sweden, from 10 - 15 August 2010.

IFLA regretfully cancels the 2010 IFLA World Library and Information Congress in Brisbane, Australia

Study Tour on Wednesday, August 26, 2009   1-3:30 pm

The Science and Technology Section has scheduled a study tour in Milan for the members of the section to the "Museo Nazionale Della Scienza e Della Technologia Leonardo da Vinci". Founded in 1953, it is now the largest science and technology museum in Italy.
For more about this museum : http://www.museoscienza.org/english/

IFLA Grant to Dr. Wahid Gdoura

Congratulations to Professor Wahid Gdoura, High Institute of Documentation, Manouba University, Tunisia who has been awarded an IFLA grant of 1000 Euros. Professor Gdoura will present his paper "Open Access in Arab Universities: position of researchers and publishers" at the open session of Science and Technology Libraries Section at IFLA Conference in Milan, Italy.

Botswana Technology Centre Library evinces interest in collaboration

Ms Oonayang Dilebany, who works in the Botswana Technology Centre Library, is interested in establishing collaboration with another library. Her library supports researchers in the areas of energy, ICT/electronics & civil engineering. If any one is interested in establishing a collaboration/sister library, etc with Mrs. Oonayang Dilebany, please contact her at <oonayang @botec.bw> (message from Jill Mayer, Chair, and STL Section).

Science & Technology Libraries Section:
Abstracts of Papers to be presented

Interactive Open Access Publishing and Public Peer Review: The Effectiveness of Transparency and Self-Regulation in Scientific Quality Assurance
Ulrich Pöschl
Max Planck Institute for Chemistry, Mainz, Germany

The advantages of open access and collaborative peer review can be efficiently and flexibly combined with the strengths of traditional publishing and peer review. Among the initiatives pursuing this approach and proving its viability, are the interactive open access journal Atmospheric Chemistry and Physics (ACP, www.atmos-chem-phys.org) and a growing number of sister journals published by the European Geosciences Union (EGU, www.egu.eu). These journals are practicing a two-stage publication process with public peer review and interactive discussion, which effectively resolves the dilemma between rapid scientific exchange and thorough quality assurance. The same or similar concepts have recently also been adopted in other disciplines, including the life sciences and economics. The principles and achievements of interactive open access publishing (top quality & impact, high efficiency, low cost) will be outlined and discussed.

Open Access Policies in Developing and Transition Countries

Iryna Kuchma,
eIFL Open Access Program Manager, eIFL.net, Rome, Italy.

 The paper presents the strategies and best practices of implementing open access policies in developing and transitional countries (China and Hong Kong, Lithuania, Nigeria, Russia, South Africa, Ukraine and Zimbabwe). The number of open access policies from research groups and research centers, Universities, funding bodies, governments, national and international bodies is steadily increasing. Research funders have begun to take an interest in open access to ensure that the research which they fund reaches the largest possible audience, and to avoid the waste of public resources which results from the old system in which taxpayers pay once for research and a second time for access to its results. The paper describes a legal framework for institutional open access policies and provides an advice on the optimal open access policy options.

Open Access Practice in National Science Library, Chinese Academy of Science
LI Lin, and LIU Xiwen
Operational Office, National Science Library,
Chinese Academy of Sciences, China

As a follow up to the signing of "Berlin Declaration" by the President of the National Natural Science Foundation of China in 2004, the Chinese Academy of Sciences has planed series of activities to introduce and improve open access in China. As the principal institute to spearhead open access promotion in China, the National Science Library (NSL) has worked out a strategy for promoting open access. This paper will introduce the open access practice of National Science Library with special reference to institutional repository, OA resources integration, international partnership, and challenges.

Open Access in Arab Universities: position of researchers and publishers
Wahid Gdoura
Professor, High Institute of Documentation,
Manouba University, Tunis, Tunisia.

 Professor Wahid Gdoura says that In the Arab world, researchers and librarians are still trying to discover the new models of scholarly communication, its principles, mechanisms and objectives. This paper aims to launch discussions about open access and scholarly publishing and communication among Arab researchers. It intends also to present the project of implementation of an Arab digital scientific library. Present the results of three field studies undertaken. The first, has dealt with the attitude of Arab researchers and their position towards open access, the second will focus on academic librarians, their use of the interest and its services, and the third concerned Arab publishers and their role to digitize and publish their serials on the net. Finally, this paper proposes a project of an Arab digital scientific library that will be the cornerstone of an Arab cyberspace of scholarly research because digital information is the basis of research activities, and knowledge exchange is an essential condition to achieve any scientific progress or technological invention in the knowledge society with consideration to their economic, political and legal aspects.

Geography and Map Libraries Section program in Milano

The Science and Technology Libraries Section is honored to be a co-sponsor along with the Division of Special Libraries. The theme of the program is: "Cultural Heritage Preserved: The Role of Digital Maps" and will be held on Tuesday, August 25, 9:30 am -12:45 pm.

PAPERS TO BE PRESENTED:

- Geological Survey of Brazil: 40 years producing and providing data and geological information
  CLAUDIA LOPES (Geological Survey of Brazil, Brazil)
- Technical Issues in Creating the CD "Riga in Cartographic Images 1621-1710"
  RUDĪTE KALNIŅA. (National Library of Latvia, Department of Restoration and Digitization, Latvia) and INESE A. SMITH (Loughborough University, UK)
- The Use of a Digital Map as a Search Interface in Preserving the Traditional Blackfoot Worldview
  MARINUS SWANEPOEL (University of Lethbridge, Lethbridge, Alberta, Canada)
- The Process of Digitizing 12,000 Maps and Making Them Accessible Via the Internet
  PETER LEVI (Royal Tropical Institute, Amsterdam, Information & Library Services, Netherlands)
- File formats for very large maps and digital preservation
  PAOLO BUONORA and FRANCO LIBERATI (Italian State Archives, Rome, Italy)
- The Digitization of an Ancient Map using GIS Technology: the *Yu ji tu* Map
  BAI-HONGYE (National Library of China, Beijing, Department of Rare Books and Special Collections, China)
  (Author is not attending the congress, paper added to online programme for information)
- Rare Map Materials Made Digital: Scanning and Metadata to Archiving and Access
  KIMBERLY C. KOWAL (The British Library, Map Library, Lead Curator and Curator of Digital Mapping, United Kingdom) and JOHN RHATIGAN (The British Library , British Collections, Project Manager, Vulnerable Collection Items Project, U.K)
- CartoMundi: A New Way of Indexing Mapping Documentation.
  JEAN-LUC ARNAUD (CNRS - Méditerranéenne des Sciences de l'Homme, Aix-en-Provence, France)

Agricultural Libraries Special Interest Group –Open Session

The Agricultural Libraries SIG will present an open session on the theme **"*Worldwide trends in open access to agricultural information" on Monday, August 24,* 13.45-15.45 pm.**

PAPERS TO BE PRESENTED:

- Barriers to open access to scientific information in Kenya, with particular reference to agricultural information
  FLORENCE MUINDE and G.E. GORMAN (Victoria University of Wellington, Wellington, New Zealand

- Aquatic commons model: the roles of IAMSLIC, FAO and IFREMER in supporting open access to fisheries and aquaculture research and management STEPHANIE HAAS (University of Florida, Gainesville, FL, USA), PATRICIA MERRIKIN and ARMAND GRIBLING (FAO David Lubin Memorial Library, Rome, Italy) and FRED MERCEUR (Bibliothèque La Pérouse, Ifremer, France)
- Open Archive@FAO : Providing Open Access to agricultural information and knowledge IMMA SUBIRATS, ANDREW BAGDANOV, STEPHEN KATZ and CLAUDIA NICOLAI (Food and Agricultural Organization of the United Nations (FAO), Rome, Italy)
- Citation impact of the open access agricultural research: comparison between OA and Non-OA Publications KAYVAN KOUSHA (University of Tehran, Tehran, Iran) and MASHID ABDOLI (National Library and Archives of Iran, Tehran, Iran)
- Open Access initiatives for agricultural information transfer systems in India PARAJ SHUKLA *(Indian Agricultural Research Institute, New Delhi, India) and ANAND P. SINGH (Guru Gobind Singh Indraprastha University, Delhi, India)
- Towards cohesive consortia organization and smart partnerships: enabling sustainable open access and effective utilization of agriculture e-resources in academic and research libraries in Zimbabwe RONALD MUNTASI (Law Library, Zimbabwe Parliament Library, Harare, Zimbabwe)

Open Access News

UNESCO releases new publication on open educational resources

Open Educational Resources: Conversations in Cyberspace brings together the background papers and reports from the first three years of activities in the UNESCO OER Community. The goal of the Open Educational Resources (OER) movement is to equalize access to knowledge worldwide through openly and freely available online high quality content. Access the online edition in sections at http://oerwiki.iiep-unesco.org/index.php?title=Open_Educational_Resources:_Conversations_in_Cyberspace

DRIVER: Networking European Scientific Repositories

DRIVER "Digital *Repository Infrastructure Vision for European Research"* is considered as the largest initiative of its kind in helping to enhance repository development worldwide. DRIVER is a multi-phase effort whose vision and primary objective is to create a cohesive, robust and flexible, pan-European infrastructure for digital repositories, offering sophisticated services and functionalities for researchers, administrators and the general public. More about DRIVER at http://www.driver-repository.eu/

EXPLORE NDLTD

The Networked Digital Library of Theses and Dissertations (NDLTD) is an international organization dedicated to promoting the adoption, creation, use, dissemination and preservation of electronic analogues to the traditional paper-based theses and dissertations. Browse or search through several ETD collections, typically across multiple institutions at once through: VTLS Visualizer : http://thumper.vtls.com:6080/visualizer/ Scirus ETD Search: http://www.ndltd.org/serviceproviders/scirus -etd-search

SPARC EUROPE

SPARC Europe is an alliance of European research libraries, library organisations and research institutions. SPARC Europe aims to promote an open scholarly communication system in Europe through advocacy and education, the promotion of new models, and partnerships with all interested stakeholders. More about SPARC: http://www.sparceurope.org/

Forthcoming Conferences and Events

IATUL 31st Annual Conference 2010 at Purdue University

Purdue University, West Lafayette, Indiana, USA will be hosting IATUL annual conference on the theme "Evolving *World of e-Science"* on 20-24 June 2010**.** IATUL 2010 will focus current state of e-science and how libraries and information professionals are contributing to the creation, visualization, accessibility, interoperability, and usability of research data and knowledge bases. More at: http://www.lib.purdue.edu/iatul2010/

Medical Library Association

The annual meeting of Medical Library Association on the theme iFusions" an opportunity to explore new trends and paradigms, transporting you to unimagined and unparalleled "I"nformation, "I"ndividual, and "I"nnovative fusions was held in Honolulu, Hawaii, May 15-20, 2009.

Featured speakers included Adam Bosworth, "Practicing Medicine in the 21st Century" and Ben Young, "The Impact of Diseases on Hawai'i's Medical History".
The 2010 meeting will be held in Washington, DC on May 21-26.
http://www.mlanet.org/

Buenos Aires to be World Book Capital in 2011

At a meeting in Paris on 12 June 2009, the Jury of World Book Capital, a jury which includes IPA, IBF, IFLA and UNESCO, appointed Buenos Aires as World Book Capital 2011.
http://www.ifla.org/en/news/buenos-aires-to-be-world-book-capital-2011

IAALD XIIIth World Congress 2010 in Montpellier, France

International Association Agricultural Information Specialists (IAALD) will be on the theme "Scientific and Technical Information and Rural Development" by Agropolis International at Montpellier, France on 26-29 April 2010. (http://iaald2010.agropolis.fr/conference/annoncement)

Introduction to Standing Committee Members

Josée Saint-Marseille is the Director of the Information Management Section of the Canadian Space Agency (CSA) since 1997. Prior to this position, she was the Head of the CSA Library. She has served in many associations in Quebec, including the Corporation des bibliothécaires professionnels du Québec as President, and in different committees at the Canadian level. Her research interests include the management of all types and formats of information including the ways to manage the data produced from satellites and data resulting from experiments in space in order to preserve this information and make it available. She received Master's degree in Library Science and a Master of Business Administration. **Josée** is in her second term of office as the SC Member of IFLA Science and Technology Section.

Maxine Schmidt is a Reference and Instruction Librarian at the Integrated Sciences and Engineering Library (ISEL) at the University of Massachusetts, Amherst, and is currently Acting Head of ISEL. For fifteen years before coming to UMass, she worked in environmental and public health at the state and local levels. She has been at UMass Amherst since 2006. She holds a B.A. in Geology and M.S. in Geology (Micropaleontology) from the University of Massachusetts, and received her MLIS from Simmons College.
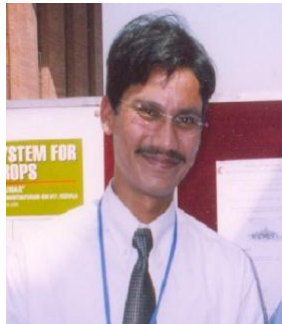
Eva Tolonen is a Senior Information Specialist at the Helsinki University of Technology Library Finland. She has received her M.Sc. degree in Microbiology from the University of Helsinki and holds a postgraduate certificate in Information Management and Services. Currently, she is working as the national project manager of Finland for the International Energy Technology Data Exchange – ETDE agreement formed under the International Energy Agency (IEA). She has been appointed as the Finnish alternate member of the Executive Committee of this agreement and she is also the Finnish Liaison Officer of the IAEA/International Atomic Energy System (INIS). She currently chairs the FinElib (Finnish National Electronic Library) group of Experts in Technology. Previously Eva Tolonen has served on the Standing Committee for the Information Literacy Section of IFLA.

James L. Mullins is the Dean of Libraries and professor of library science, Purdue University, United States. Jim Mullins came to Purdue as Dean of Libraries in 2004 from MIT Libraries where he was Associate Director for Administration. Prior to MIT he held administrative positions at Villanova University and Indiana University. His educational background includes BA and MALS degrees from The University of Iowa and a PhD from Indiana University. He serves the Association of Research Libraries (ARL) as a member of the E-Science Working Group, the Scholarly Communication Steering Committee, and the Board of Directors. In addition he serves on the board of the Center for Research Libraries and the board of the International Association of Scientific and Technological University Libraries (IATUL). Dr.Mullins is committed to integrating the Libraries' faculty into collaborative research projects and in instruction in information literacy with faculty colleagues at Purdue.

Ajay Pratap Singh presently is serving as an Associate Professor in Library and Information Science at Banaras Hindu University (BHU), Varanasi, India. He has a brilliant academic record to his credit, and was awarded several prizes and scholarships. In 2008, Dr Singh received prestigious ALP's SIDA Speaker Grant to visit various libraries in the United States, and to participate in IFLA conference in Québec, Canada. He is a major adviser for the award of Ph.D., M.Phil. M.C.A. and M.Sc. degrees by BHU. An active participant in national and international conferences, Dr Singh has authored two books and has several papers to his credit. His interests include ICT, digitization, and Open access. He has received B.Sc., M.P.A., and M.L.I.Sc, Ph.D. degrees.

Benefits of Open Access clearly outweigh costs in three European Countries

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For Denmark, the United Kingdom and the Netherlands free access to scholarly materials could offer significant benefits not only to research and higher education but also to society as a whole. This has been calculated by Australian economist Professor John Houghton in studies which have taken place in these three countries on the costs and benefits of scholarly communication. He has summarised these findings in a report commissioned by Knowledge Exchange, which is a partnership of the IT bodies from Denmark, the United Kingdom, the Netherlands and Germany. The study says that by adopting Open access model could lead to annual savings of around EUR 70 million in Denmark, EUR 133 million in The Netherlands and EUR 480 in the UK. The full report is downloadable here:
Open Access – What are the economic benefits?
A comparison of the United Kingdom, Netherlands and Denmark
(source: http://www.knowledge-exchange.info/)

Standing Committee Members
IFLA Science and Technology Libraries Section 2009

Irma Pasanen	Finland	Second term: 2005-2009
Olga Lavrik	Russian Federation	Second term: 2005-2009
Raymond P. Schwartz	United States	Second term: 2005-2009
Ruvini Champa Kodikara	Sri Lanka	First term: 2005-2009
B.S. Kademani	India	First term: 2005-2009
Billie Joy Reinhart	United States	First term: 2005-2009
Anne Powell	United Kingdom	First term: 2005-2009
Christina Birdie	India	First term: 2005-2009
Jill B. Mayer	United States	First term: 2005-2009
Josée Saint-Marseille	Canada	Second term: 2007-2011
Deva Eswara Reddy	United States	First term: 2007-2011
Marcel Brannemann	Germany	First term: 2007-2011
Christine Stotzenbach	France	First term: 2007-2011
Caroline Wiegandt	France	First term: 2007-2011
Sriyani Ileperuma	Sri Lanka	First term: 2007-2011
Janet Webster	United States	First term: 2007-2011
James E. Andrews	United States	First term: 2007-2011
Xiwen Liu	China	Second term: 2009-2013
James L. Mullins	United States	First term: 2009-2013
Ajay Pratapsingh	India	First term: 2009-2013
Eva Tolonen	Finland	First term: 2009-2013
Maxine Schmidt	United States	First term: 2009-2013

Friday 21 August 2009 15.00-18.00
Coordinating Board Meeting - Special Libraries (Division 2)
Sunday 23 August 2009 12.15-13.30
Leadership Forums (Business Meeting for each of 5 Divisions)
Monday 24 August 2009 13.45-15.45 & 16.00-18.00
Officers Training Session (Business Meeting)