
Information Technology Section

July 2004

1964 Paper - Mechanization
- Mechanization and Automation in American Libraries - Verner W. Clapp (USA)

1995 Paper - Mechanization
- Automation Project at the University Library, Bochum - Günther Pflug (Germany)

1966 Papers - Mechanization
- Mechanization and Automation of Fundamental Processes in Librarianship and Bibliography - E. N. Morozova (USSR)
- Automation Facilities in the Circulation Department of Queen’s University, Belfast - Richard T. Kimber (UK)

1967 Papers - Mechanization
- Mechanization and Automation in Canadian Libraries - Mr. Melvin (Canada)
- MIT Projects: Technical Information Project, Physics Journal Program, and Reserve Books Project - Mr. Kessler (USA)
- Union Catalogue of Foreign Publications in Swedish Research Libraries - Mr. Grönberg (Sweden)

1968 Papers - Mechanization
- Computers, Communication and Library Cooperation - Ralph H. Parker (USA)
- The Automated Documentation System of EUROTOM - M. Marcel Détant
- Computerization in the Libraries of the German Federal Republic - Walter Lingenberg (Germany)
- The Correlation Method of Bibliographic Information Retrieval - Ritvars Bregzis (Canada)

1969 Papers - Mechanization
- Information Science in Librarianship - Robert M. Hayes (USA)
- Library Automation in Britain: 1969 - Richard T. Kimber (UK)
- New Trends of Electronic Co-operation in German Libraries - Günther Pflug (Germany)
- A Framework for Description and Classification of Printed Subject Indexes - E. G. Azgaldov (USSR)

1969 Seminar (Experts) - Mechanization with Committee on Uniform Cataloguing Rules and
Section of National and University Libraries. Meeting of Cataloging Experts

1969 Project
- Manual on data-processing in libraries and documentation centres - University Library Bochum (Germany) and VINITI (USSR)

1970 Papers - Mechanization
- Proposals or a Bibliographic Information Interchange Format for Magnetic Tapes - Henriette Avram (USA)
- Examination of Structures of Printed Subject Indexes, Particularly the ACitation Index@ - E.G. Azgaldov (USSR)
- Report on a Unesco Seminar on Application of Electronic Data Processing in Libraries in Regensburg, April, 1970 - Walter Lingenberg (Germany)
- Subjects of Common Interest with FID - Günther Pflug (Germany)
- UNISIST: Introduction and Status Report - Foster E. Mohrhardt (USA) and Scott Adams (USA)

1971 Papers - Mechanization
- Formalism in Library Automation (outlines the need for better understanding of computer processes for designing library applications) - N.S.M. Cox (UK)
- The Computerisation of B.N.B Services (discusses using MARC II, IBM 360, AACR, and ISBN to offer card services, fiche bibliographies, and other publications) - R.E. Coward (UK)
- Central Organizations for Automation in Libraries of the German Federal Republic - Walter Lingenberg (Germany)
- Information Retrieval Systems (discusses storage limitations, computer speed, and selection decisions as impediments to retrieval) - Günther Pflug (Germany)
- Choice of a Classification System for Machine Selection of Information Data - V. Nakladalova

1971 Seminar (Experts) - Mechanization
Topic: "The MARC Format and the Exchange of Bibliographical Data in Machine Readable Form"

1972 Papers - Mechanization
- Format Recognition (discusses methods for computer rather than editor assignment of format tags and other content designators) - Henriette Avram (USA)
- State of Reprography in Hungarian Libraries - László Tökés (Hungary)
- Plans and Projects for Small Computer Installations in Libraries in the German Federal Republic - Karl W. Neubauer (Germany)
- The Implementation of the ISBN in Libraries. A proposal for Cooperative Research with IFLA - Karl W. Neubauer (Germany)
1972 Seminar - Mechanization with Committee on Cataloguing
Topic: "Universal Bibliographic Control (UBC): Implications for the Handling and Exchange of Machine Readable Bibliographic Data"

1973 Papers - Mechanization with Committee on Rare and Precious Books
- Project LOC and the Fingerprint (explains the use of early book "fingerprint" identifiers for matching copies, differentiating printings, and manipulation by computers) - John W. Jolliffe (UK)
- UBC and the British Library System - R.E. Coward (UK)
- Automation of Libraries in France - Marc Chauveine (France)
- Report on the State of Work on the 1st January 1973 for the Automatic Tally of Rare Books Conserved on French Public Libraries - N. Courtine (France)

1974 Papers - Mechanization
- Planning for Library Automation in the United States - Don S. Culbertson (USA)
- IFLA Working Group on Content Designators: Report - Henriette D. Avram (USA)
- German Exchange Format for Bibliographic Data MAB1 - Ernst Kohl (Germany)
- Planning of Library Automation in France - Michel Boisset (France)
- Local and Regional Use of MARC in Southeast Asia - Stephen W. Massil (UK)
- The State of Planning of Automation Projects in the Libraries on Canada - Hope E.A. Clement (Canada)
- Libris, a Swedish EDP System for Research Libraries and the Use of MARC Tapes - Lars-Erik Sanner (Sweden)

1975 Papers - Mechanization
No papers reported

1976 Papers - Mechanization with Cataloguing and National and University Libraries
- New Forms of Catalogues in Large Research Libraries - P. Gavin (Switzerland), H.D.L.Vervliet (Belgium)
- Alternatives to the Conventional Card Catalog from the User Point of View - Stanley McElderry (USA)
- The Future of the Card Catalogue - W.J. Welsh (USA)

1977 Papers - Mechanization
- Use of Terminal Computers in Libraries - Clemens Deider (Germany)
- The Status of Terminal Development for Bibliographic Applications - S. Michael Malinconico (USA)

1978 Papers - Mechanization
- Mass Storage Technology and File Organization - S. Michael Malinconico (USA)
1979 Papers - IT
- Information Technologies in the 1980's - William. D. Mathews (USA)
- The Development of the Washington Library Network - R.G. Swartz (USA)
- The Automated Authority File at the National Library of Canada - Hope E.A. Clement (Canada)

1980 Papers - IT
- State-of-the-Art: Library Automation in Taipei - Margaret C. Fung (Taiwan)
- Japan/MARC: its Present Status and Future Prospects - Kiyoko Tamura (Japan)

1981 Papers - IT
- An International MARC Network - Hope E.A. Clement (Canada)
- Library Networks in the Federal Republic of Germany - Christine Bossmeyer (Germany)
- Computerized Access to Archival and Library Material - R. Bradler (Germany)
- Development of Library and Information Centres: Present and Future in the Jamahiriya (Libya) - Abubaker M. El-Hush (Libya)

1982 Papers - IT
- Introduction to Open and Closed Networking Concepts - Robert M. Bennett
- Pilot Implementation of an Open Library Network Concept for Canada - Cynthia J. Durance (Canada)
- The Dutch PICA Library Automation Network - Look Costers (Netherlands)
- Problems involved in Interlinking on-line Interactive Library Networks - Frederick G. Kilgour (USA)
- Library Management Information Systems in Networks - Neal Kaske (USA)

1983 Seminar - IT with Division of Special Libraries, Section on Biological and Medical Libraries, and Section on Social Sciences Libraries
Topic: "The Impact of Technology on Libraries"
- The Impact of Technology on Libraries: an Overview - Henriette D. Avram (USA)
- The Impact of Technology on Librarians - G. K. Thompson
- The influence of Information Technology on Humans and Machines - W. Heimann
- The Management of Change - G. Sylvestre (Canada)
- The Economics and Politics of Information Technology - J. Page
- Automation=s Impact on Users - Arja-R. Haarala (Finland)
- Some Possible Future Effects on Information Technology - Maurice B. Line (UK)

1984 Papers - IT
Theme: "Software Packages"
Software Packages for Mini and Micro Computers: Development and Evaluation - Christine Bossmeyer (Germany)

UNIMARC version of MINISIS - H. Avram (USA)

United We Stand, Divided We Fall: the Benefits to Libraries of International Standardization in Videotex - Geoff Andrew

Portable Software Packages for Microcomputers to Be Installed in Developing Countries under Unesco=s Sponsorship - Wolfgang Löhner (France), W. Koch (Austria)

1985 Papers - IT

Exploiting Technology to Build a Canadian Library and Information Network - Cynthia Durance (Canada)

Linked Systems Project in the United States - Sally H. McCallum (USA)

Software Evaluation: Sources and Resources in the United Kingdom - S. Flood (UK)

Technology in the Public Library: the Impact on our Community - Ken Dowlin (USA)

Assimilating the micro: the Use of Microcomputers in Public Libraries - L. Siitonen (Finland)

1986 Papers - IT

The Australian Bibliographic Network - Warren Horton (Australia)

Optical Disc Technology used for Large-scale Data Base - Naoto Nakayama (Japan)


1986 Pre-Conference Seminar - IT with Section on Library Services to Multicultural Populations

1987 Papers - IT

CD-ROMance: an Overview of Compact Disc Read Only Memory - E.M. Kurdyla, Ken C. Harris

User Interaction with Online Catalogues - S. Walker (UK)

Application of CD-ROM for Online Public Access Catalogues - Karl W. Neubauer (Germany)

1987 Pre-Conference Seminar - IT with the Library and Information Technology Centre and The British Library
Topic: "Open Systems Interconnection (OSI): The Communications Technology of the 1990's"

1988 Papers - IT
Theme: "Open Systems Interconnection: The Potential for Linking and Integrating Local
1989 Papers - IT
Theme: "Office Automation Standards and their Applicability for Library Functions"
- Needs for Standards in Office Automation - Axel Wiesner (France)
- Message Handling Systems and Electronic Data Exchange: An Introduction to Converging Standards for Electronic Messaging - Leigh Swain (Canada)
- How Office Automation Standards Will Interact to Improve Electronic Library Applications - Peter Barry (UK)

1990 Papers - IT
- Distributed Intelligence in Library Systems: Prospects and Problems - S. Michael Malinconico (USA)
- Library Cooperation Based on Information Technology Networks: A Vision for a European Library Future - Morten Hein (Denmark)
- The New Pica Library Network - Look Costers (Netherlands)

1991 Papers - IT
Theme: "Document Delivery, especially related to Image Processing"
- Electronic Document Delivery and Libraries: Technologies, Strategies, Issues - Leigh Swain (Canada) and Gary Cleveland (Canada)
- The Beilstein Institute Facsimile Project (using scanning and optical storage for an in-house electronic document delivery service) - Reinhard Ecker (Germany)
- Remote Image Banks for the Public at Large (use of remote public access to picture data banks and related user studies) - Luce-Marie Albiges (France)

1991 Workshop - IT with Section on Cataloging
Topic: "Retrospective Conversion"
- Handling retrospective conversion - technical options, project management, bibliographic and encoding standards, conversion priorities, review of companies offering services - Catherine Lupovici (France), Donna Duncan (Canada), Joachim-Felix Leonhard (Germany), Fernanda Campos (Portugal), Wilda Newman (USA), A. Vostrikov (USSR), Sally McCallum (USA)

1992 Papers - IT
Theme: "Planning the Introduction of Technology"
- Automated Strategies for Social Development - Kris S. Oswalt (India/USA)
- Computer and Software for Information Services: An Overview of Mexican Progress - Jesus Lau (Mexico) and Martha Castro (Mexico)
- Adapting Technologies for Library Processing Projects: Africa, Asia, and South America -
Anton R. Pierce (USA)

1993 Papers - IT
Theme: "Connectivity"
- Connectivity and Navigation: an Overview of the Global Internetworked Information Infrastructure - Craig A. Summerhill (USA)
- Perspectives on the User and Connectivity - Howard Harris (USA)

1993 Preconference Seminar - IT with Library Services to Multicultural Populations
Theme: "Automated Systems for Access to Multilingual and Multiscript Library Materials"

1993 Workshop - IT with UBCIM Core Programme
Topic: "UNIMARC and CDS/ISIS"

1994 Papers - IT with Social Sciences Libraries and the UDT Core Programme
Theme: "New Communications Options in Use: Focus on Social Sciences"
- Entering the New Market Place: On the Role of Traditional Social Science Information Providers Within The Internet Community - Hans-Christoph Hobohm (Germany)
- The Role of Libraries in the Development of the Social Sciences - Yolanda Ricardo (Cuba)
- Internet: Potential for Services in Latin America - Alberto B. Cabezas (Chile)

1994 Workshop - IT with Science and Technology Libraries, Social Science Libraries, and the UDT Core Programme
Topic: "Telecommunications Options in the '90s"
- Internet Basics: Internet basics, Internet protocols (FTP, mail, remote login), Navigation tools (Gopher, WAIS, Archie, WWW, Mosaic) - Paula Tallim (Canada), Marcos Silva (Canada), Steve Cisler (USA), Monica Ertel (USA)
- Communications Options: Users Point of view, Wired and wireless (FidoNet, Packet radio), Satellite - Pietrosemoli Ermanno (Venezuela), Daniel Pimienta (Dominican Republic), Davis Price (UK)
- Options/Issues for Developing Countries - Leigh Swain (Canada), Michel Perdreau (USA), Luis A. Mourellos (Cuba), Jesus Martinez (Cuba), Sally McCallum (USA)

1995 Papers - IT with Serial Publications
Theme: "Electronic Publishing: Technology and Use"
- Standards and Electronic Publishing - Catherine Lupovici (France)
- The Use of Electronic Documents in an Academic Environment - Melvin Collier (UK)
The Use of Electronic Documents in Libraries - Michael Malinconico (USA) and Jane Warth (USA)

1995 Workshop - IT with the UDT Core Programme
Topic: "The Internet and the World Wide Web"
- Overview of the Internet and WWW - Leigh Swain (Canada)
- Using Gopher and WWW Navigation - Steve Cisler (USA)
- Constructing the Web Site - Gary Cleveland (Canada)

1996 Papers - IT
Theme: "Digital Libraries, Technologies and Organizational Impacts"
- Java in Libraries - Kenneth Chu (USA)
- La BnF: Une Nouvelle Bibliothèque, Un Nouveau Système D'information - Serge Salomon (France)
- A Pilot Electronic Library Project - Kenji Uetsuki (Japan)
- Myths and Challenges for Digital Library Development - Terry Kuny (Canada) and Gary Cleveland (Canada)

1996 Workshop - IT with UDT Core Programme
Topic: "Connections and Collaborations: Using the Internet in Libraries"
- Introduction to the Internet - Edward J. Valauskas (USA)
- Effective Use of Internet E-mail - Terry Kuny (Canada)
- How Do You Design Web Pages? - Gary Cleveland (Canada)
- Making Information Available Through IFLANet - Terry Kuny (Canada)

1997 Papers - IT with Document Delivery and Interlending and the UDT Core Programme
Theme: "ILL Protocol Standard: Interlibrary Loan in an Open Networked Environment"
- The Interlibrary Loan Protocol Standard - Fay Turner (Canada)
- Overview of North American Interlibrary Loan Protocol Activities - Mary Jackson (USA)
- ILL Protocol Related Activities in the UK, Europe and Australia - Ruth Moulton (UK)
- The Application of the ISO Protocol to Existing ILL Systems - Mary Jackson (USA)

1997 Papers - IT with UDT Core Programme
Theme: "Z39.50: Information Retrieval in an Open Network Environment"
- Z39.50: the Basics - Fay Turner (Canada)
- Z39.50 Technical Issues - Denis Lynch (UK)
- EC Supported Z39.50 Projects - Gordon Pedersen (Luxemboug)

1997 Workshop - IT with UDT Core Programme
Topic: "Z39.50: Vendor Products, Issues and Trends"
- Znavigator for Z39.50 Information Retrieval - Robin Yeates (UK)
- Z39.50 and Resource Sharing - Michel Wesseling (Benelux)
The Arca Z39.50 Client - John Favaro (Italy)
Panel Discussion - Speakers, Denis Lynch (UK), Liv Holm (Norway)

1998 Papers - IT
Theme: "Digital Libraries"
- Global-info: the German Digital Libraries Project - Diann Rusch-Feja (Germany) and Hans Jürgen Becker (Germany)
- Our Global Networked Cultural Heritage - Craig A. Summerhill (USA)
- Technical Aspects of Digital Library Development - Yuri E. Hohlov (Russia)
- Cross-domain Access to Digitized Cultural Resources: the SCrán Project - Bruce Royan (UK)

1999 Papers - IT
Theme: Improving Global Access to Digital Information
- E-referencer: Transforming Boolean OPACS to Web Search Engines - Christopher Khoo (Singapore), Danny C.C. Poo (Singapore), Teck-kang Toh (Singapore), and Glen Hong (Singapore)
- Success - Structured Search Strategy: Information Retrieval in the Age of Global Information Systems - Chaim Zins (Israel)
- International Collaboration on Internet Subject Gateways - Emma Worsfold Place (UK)

2000 Papers - IT
Theme: "From Library Automation Systems to Digital Libraries"
- Digital libraries on the Internet - Taly Sharon and Ariel Frank (Israel)
- Towards the Hybrid Library: Developments in Uk Higher Education - Chris Rusbridge (UK) and Bruce Royan (Scotland, UK)
- Creation of an Information System for the Russian State Library: a Project Challenging IT - Monika Segbert (Russia) and Alexander Vislyi (Russia)

2000 Papers - IT with Management and Marketing and Social Sciences Libraries
Theme: "Part I - Building Change Management and Marketing Skills for the Information Age"
- Information Ecologies: Library's Changing Role in an Information Society - Edward J. Valauskas (USA)
- Migrating from the Library of Today to the Library of Tomorrow: Re- or E-volution? - Tatiana Ershova (Russia) and Yuri Hohlov (Russia)
- The Management of Change in Electronic Libraries - John Akeroyd (UK)
- Knowledge Management in Libraries in the 21st Century - Tang Shanhong (China)
- ICT and Marketing Challenges in Latin American Libraries - Lourdes Feria (Mexico)
Theme: APart II - Changing Patterns of Library Work for Today and Tomorrow@
- Library Management with New Technologies - Vinod Chachra (USA)
- Internet Librarianship: Traditional Roles in a New Environment - Kate Sharp (UK)
- Technological Discontinuities in the Library: Digital Projects that Illustrate New
Opportunities for the Librarian and the Library - Ronald C. Jantz (USA)
- Libraries and Librarians in India on the Threshold of the 3rd Millennium: Challenges and Risks - Kalpana Dasgupta (India)
- Use of New Technologies for Better Library Management: Gis (Geographic Information System Software) and Pdas (Personal Digital Data Collections) - Christie Koontz (USA) and Dean Jue (USA)

2001 Papers - IT
Theme: "New Information and Communication Technologies for Libraries in the Knowledge Age"
- Library Quality Reference Meets the World Wide Web - Diane Kresh (USA)
- Creating Knowledge Opportunities Through a Global Knowledge Learning Network - Grace Kempster (UK)
- Open Archives Initiative - Carl Lagoze (USA)

2001 Papers - IT with Preservation and Conservation
Theme: "Managing Digital Collections as Research Collections"
- Shared Challenges and in a Networked Cultural Space - Daniel Greenstein (USA)
- Artifacts and Digital Collections - Stephen G. Nichols (USA)
- Technical Data and Preservation Needs - Catherine Lupovici (France)
- Preserving Digital Collections - Titia Van Der Werf (Netherlands)

2001 Workshop - IT
Topic: "Multilingual Access for Information Systems"
- Multilingual Access for Information Systems - Carol Peters (Italy), Praic Sheridan (USA)

2002 Papers - IT
Theme: "Technologies for Extending the Reach of Library Solutions"
- Mobile Access to Libraries: Librarians and Users Experience for i-mode Applications in Libraries - Masamitsu Negishi (Japan)
- Reaching the Unreached: How Can We Use Icts to Empower the Rural Poor in the Developing World Through Enhanced Access to Relevant Information? - Subbiah Arunachalam (India)
- Critical Technological and Architectural Choices for Access and Preservation in a Digital Library Environment - Svein Arne Solbakk (Norway)
- XML and Bibliographic Data: the TVS (Transport, Validation and Services) Model - Joaquim De Carvalho (Portugal) and Maria Inês Cordeiro (Portugal)

2002 Workshop - IT
Topic: "Metadata: Foundations and Future"
- Report from the International Conference on Dublin Core and metadata Applications 2001 - Shiego Sugimoto (Japan)
- MARC XML Toolkit - XML Schemas and Transformations Available and Planned for the
MARC 21 Environment - Sally McCallum (USA)
- Panel on METS implementations - Catherine Lupovici (France), Lyn Lewis Dafis (UK), Corey Keith (USA), Mats Lindquist (Sweden)

2003 Papers - IT
Theme: "Wireless Technologies for Library Services - RFID in Use"
- RFID in Libraries - Introduction to the Issues - Mats G. Lindquist (Sweden)
- Experiences in Implementing RFID Solutions in a Multi-vendor Environment - Vinod Chachra (USA)
- Integrating RFID into Library Systems - Myths and Realities - Alastair Mcarthur (France)
- RFID@Library - A Journey That Saves $50m - Chan Ping Wah (Singapore)

2003 Papers - IT with Preservation and Conservation
Theme: "Digitisation Preservation: Current Research, Standards and Best Practices"
- Challenges to Digital Preservation and Building the Digital Library - Seamus Ross (Scotland, UK)
- Attributes of a Trusted Digital Repository - Meg Bellinger (USA)
- Digital Preservation Activities in the UK - Building the Infrastructure - Maggie Jones (UK)
- Towards a Global Digital Format Registry - Stephen L. Abrams (USA) and David Seaman (USA)

2003 Workshop - IT
Topic: "The Scholar's Portal: an international perspective"
- Overview - Larry Woods (USA)
- The Scholars Portal Project - Mary E. Jackson (USA)
- The AARLIN Project: Integrating the Research Information Infrastructure - a Case Study - Earle Gow (Australia) and Kate Roberts (Australia)
- Portals: What's Good, What's Missing, What's Planned - a Vendor Panel - Sara Randall (USA), Matt Goldner (UK), and Jenny Walker (USA)