NIT '99:
11th International Conference on
New Information Technology
for Library & Information Professionals, Educational
Media Specialists and Technologists

August 18-20, 1999
National Central Library, Taipei, Taiwan, ROC

PROGRAM

August 18, 1999, Wednesday

8:00 - 8:50 Registration

8:50 - 10:15 OFFICIAL OPENING OF CONFERENCE

Welcome
Dr. Fang-Rung Juang
Director, National Central Library, Taipei, Taiwan

Dr. Margaret C. Fung
President, Library Association of China
Local Conference Chair

NIT Conferences - Then, Now, and Tomorrow
Dr. Ching-chih Chen
Professor, GSLIS, Simmons College, Boston, MA, USA
Chief Conference Organizer

Opening Speeches

Special Guests

10:15 - 10:45 KEYNOTE 1
Moderator: Margaret C. Fung, Library Association of
China, Taipei, Taiwan

NII, GI, and NGI and IT+2 Initiatives: Implications to
the Digital Library Development in the US
Ching-chih Chen, Simmons College, Boston, MA, USA

10:45 - 11:15 DEVELOPMENT OF NATIONAL INFORMATION
INFRASTRUCTURE AND POLICIES

Moderators: Robert M. Hayes, University of California at
Los Angeles, CA, USA; James S. Hu, National Taiwan
University, Taipei, Taiwan

The Development of National Information
Infrastructure in the ROC
Yun Kuo, Institute for Information Industry, Taipei,
Taiwan

The Development of National Library/
Information Policy for the ROC
Margaret C. Fung, Library Association of China; Mei-Mei
Wu, National Normal University; and Chia-Ning Chiang,
National Central Library, Taipei, Taiwan

National Strategy in Preparing Latvian Libraries for
the New Millennium
Andris Vilks, National Library of Latvia, Riga, Latvia

11:15 - 11:30 Coffee Break

11:30 - 12:30 THE USE OF THIS AND NEXT GENERATION
INTERNETS

Moderators: Nancy Kranich, New York University
Libraries, NY, USA, and President-Elect, American
Library Association; Chen Wen-Sheng, National
Kaohsiung First University of Science & Technology,
Kaohsiung, Taiwan

The Spring of 2005: Four Visions on Internet Services
Ted Ho, Institute for Information Industry and Chia-Ning
Chiang, National Central Library, Taipei, Taiwan

New Opportunities with Technology at the Vietnam
National University of Hanoi
Nguyen Huy Chuong, National University of Hanoi,
Hanoi, Vietnam

Global Information Service and Resource Sharing: A
Shared Vision for the 21st Century
Peter Zhou, University of Pittsburgh, PA, USA

Taiwan’s Next Generation Research Networking
Ken-Hsien Lin and Ruey-Beei Wu, National Center for
High Performance Computing, Hsin-chu, Taiwan

12:30 - 13:45 Lunch

13:45 - 14:45 DIGITAL LIBRARIES AND SYSTEMS:
CHANGING ROLES, COLLABORATION, AND
EXPLORATION

Moderators: David Raitt, The Electronic Library, Oegstgeest,
The Netherlands; Chan-Chiao Yang, National Taiwan
University of Science & Technology, Taipei, Taiwan
Building a Digital Library: Collaboration for the 21st Century
Nancy Kranich, New York University Libraries, NY, USA and American Library Association

Changing Environment, Changing Roles: Libraries in the New Millennium
Paul Poon, City University of Hong Kong, Hong Kong

Chien-Cheng Sung and Bao-Mei Jeng, National Central Library, Taipei, Taiwan

Exploration of Practical Approaches for Personalized Library and Networked Information Service
Hsiao-Tieh Pu and Sung-Chien Lin, Shih Hsin University, Taipei; and Lee-Feng Chien and Yun-Fang Juan, Academia Sinica, Taipei, Taiwan

14:45 - 15:15 KEYNOTE 2
Moderator: Lim Hong Too, Library and Information Technology Association of Singapore and Local Chair, NIT '89
Libraries and Librarians in Transition: The Impact of Digital Library Services on Society, Librarians and Bibliographic Control
Michael Gorman, State University of California at Fresno, Fresno, CA, USA; President, Library and Information Technology Association

15:15 - 15:30 Afternoon Break

15:30 - 16:15 NETWORKS - GLOBAL, NATIONAL, AND LOCAL
Moderators: Sung Yu, National Central Library, Taipei, Taiwan; Thomas Wilson, University of Houston, TX, USA

Cluster Power: Library Networking in the Electronic Information Age
Win Shih, Saint Louis University, Saint Louis, MO, and Philip Tsai, Loyola University of Chicago, IL, USA

An Environmental Information Network for Cameroon: Need, Functions and Implementation Strategy
Isola S.Y. Ajiferuke, University of Botswana, Gaborone, Botswana, and Alphonsus Neba, University of Ibadan, Ibadan, Nigeria

New Century, New Appearance: National Parliamentary Library, Legislative Yuan
Karl M in Ku, National Parliament Library, Taipei, Taiwan

16:15 - 17:15 MANAGING, EDUCATING/TRAINING IN INFORMATION TECHNOLOGY
Moderators: Lois Chan, University of Kentucky, Lexington, KY, USA; Mei-Hua Yang, National Chengchi University, Taipei, Taiwan

A Management Model for Managing Information Technology in Academic Information Services
Marinus Swanepoel, Technikon Pretoria, Pretoria, South Africa

Integrating Network-enabled Digitized Collection with Traditional Services: Brewing a Heady Cocktail at the IIT Delhi
Jagdish Arora, Indian Institute of Technology, New Delhi, India

Financing the Electronic Library
Diane R. Tebbetts, University of New Hampshire, Durham, NH, USA

Training Reference Staff in the New Information Technologies: A Comparative Study of Libraries in China and New Zealand
Rowena Cullen, Victoria University of Wellington, Wellington, New Zealand and Cheng Hua, Zhongshan University, Guangzhou, China

EVENING
18:00 - 21:00 Reception at the National Central Library.

August 19, 1999, Thursday

8:00 - 9:00 Registration

9:00 - 9:30 KEYNOTE 3
Moderator: Ping-Tsan Chang, Institute for Information Industry, Taipei, Taiwan
The Economics of Digital Libraries: The Markets and Values to the Users
Robert M. Hayes, University of California at Los Angeles, CA, USA

9:30 - 10:45 ELECTRONIC PUBLISHING AND CONSORTIA DEVELOPMENT
Moderators: Michael Gorman, State University of California at Fresno, Fresno, CA, USA; President, Library and
Information Technology Association; Hung-Chu Huang, Tamkang University, Taipei, Taiwan;

Electronic Journals and the Scholarly Communication Process: Present and Future
Rush Miller, University of Pittsburgh, PA, USA

Digital Library Initiative at the Nanyang Technological University
Foo Kok Phow and Hazel Loh, Nanyang Technological University, Singapore

The Consortium of Core Electronic Resources in Taiwan: A Case Study of Sharing Electronic Resources
Hao-Ren Ke and Ruei-Chuan Chang, National Chiao Tung University, Hsin-chu, Taiwan; and Ching-lung Lui, Science and Technology Information Center, NSC, Taipei, Taiwan

A Case Study of Establishing Web-Based Online Electronic Resources
Hao-Ren Ke, National Chiao Tung University, Hsinchu, Taiwan; and Ming-Jiu Hwang, Science and Technology Information Center, NSC, Taipei, Taiwan

The Maze of Electronic Journals in Digital Libraries
Taemin Kim Park, Indiana University Libraries, Bloomington, IN, USA

10:45 - 11:00 Coffee Break

11:00 - 12:15 DISTANCE LEARNING AND WEB-BASED EDUCATION
Moderators: Rowena Cullen, Victoria University of Wellington, Wellington, New Zealand; Wu Min-der, National Taiwan University

Promoting Distance Learning: Present and Future
Lih-Shyang Chen, Ministry of Education, Taipei, Taiwan

The Role of the Digital Library in Support of Distance Learning: Remote Opportunities
Ann L. Kelsey and John M. Cohn, County College of Morris, Randolph, NJ, USA

Reinventing Librarianship to Meet the Challenges of the Information Age: A Trail-Blazing Experience
Zehao Zhou, York College of Pennsylvania, York, PA, USA

A Study of a Web-based Distance Tutorial Program
Bor-sheng Tsai, Pratt Institute, Brooklyn, NY, USA

Implications of the Digital Millennium Copyright Act on Distant Library Users
Helen F. Rodrigues, Johnson Wales University, Providence, RI, USA

12:15 - 13:30 Lunch

13:30 - 14:15 DIGITAL LIBRARY MARKET PLACE, USE/USERS AND TECHNOLOGY EXPLOITATION
Moderators: Hao-Ing Fang, National Chung-Hsing University, Taichung, Taiwan; Marinus Swanepoel, Technikon Pretoria, Pretoria, South Africa, and Local Chair, NIT ‘96

The Future Development of Digital Library and Information Marketplace in Taiwan
Gary Gong and Pei-wen Liu, Institute for Information Industry, Taipei, Taiwan

Digital Libraries: User Studies
Shan-ju Lin Chang and Mu-hsuan Huang, National Taiwan University, Taipei, Taiwan

Exploitation of Information Processing Technologies to Extend Digital Library Applications
Yen-Jen Oyang, National Taiwan University, Taipei, Taiwan

14:15 - 14:45 KEYNOTE 4
Moderator: Rush Miller, University of Pittsburgh, PA, USA

The 5S Framework for Digital Libraries and Two Case Studies: NDLTD and CSTC
Edward A. Fox, Virginia Tech, Blacksburg, VA, USA

14:45 - 15:00 Afternoon Break

15:00 - 16:15 INFORMATION CREATION, PRESERVATION/CONSERVATION, RETRIEVAL IN THE DIGITAL AGE
Moderators: Shih-Shiung Huang, Tamkang University, Taipei, Taiwan; Andris Vilks, National Library of Latvia, Riga, Latvia and Local Chair, NIT ‘95

Preserving Newspaper in the Digital Era
Yu-Lan Margaret Chou, University of California at Berkeley, CA, USA

A Case Study in the Development of a Large-Scale Digitization Project: Scanning 22 Million Images From An Early English Books Collections
Austin McLean, Bell and Howell Information and Learning, Ann Arbor, MI, USA

Chinese Search Engines for Chinese Information Retrieval on the Internet: Search Capabilities, Retrieval Performances and Evaluation Criteria
Shaoyi He, Long Island University, Brookville, NY, USA
A Statistical Study of the Size and Contents of the
Chinese Language Web-Based Digital Library
Ziyu Lin, Seton Hall University, South Orange, NJ, USA

Exploratory Development of Information Retrieval Systems at STIC
Shiu-Shing Chang, Science and Technology Information Center, NSC, Taipei, Taiwan

16:15 -17:00
METADATA PROBLEMS AND ISSUES
Moderators: Edward A. Fox, Virginia Tech, Blacksburg, VA, USA; Paul Poon, City University of Hong Kong, Hong Kong

Providing Subject Data in the Dublin Core Metadata Record: Issues, Challenges, and Strategies
Lois Chan, University of Kentucky, Lexington, KY, USA

Metadata Interchange for Chinese Information
Hsueh-hua Chen, National Taiwan University; Chao-chen Chen, National Taiwan Normal University; and Kuang-hua Chen, National Taiwan University, Taipei, Taiwan

Stepping into the Standard: A Thesaurus for Australian Agricultural Extension Information
Ling Heang, Kondinin Group, Cloverdale, W. Australia

17:00 - 17:30
GROUP DISCUSSIONS AND Q/A - Session 1

EVENING

18:00 - 21:00 Conference Banquet

August 20, 1999, Friday

8:45 - 9:15
METADATA PROBLEMS AND ISSUES
(Continued)

The Application of EAD in Chinese Archives: A Preliminary Test
Li-Kuei Hsueh, National Cheng-Chi University, Taipei, Taiwan


9:15 - 9:45 KEYNOTE 5
Moderator: Diane R. Tebbetts, University of New Hampshire, Durham, NH, USA

European Developments in Digital Libraries
David Raitt, The Electronic Library, Oegstgeest, The Netherlands

9:45 - 11:15
DIGITAL LIBRARY/MUSEUM DEVELOPMENT IN TAIWAN
Moderators: Ching-chih Chen, Simmons College, Boston, MA, USA; Rosa Vallejo, National Commission on Culture and the Arts, Quezon City, Philippines

NSC Digital Museum Project: Positioning and Prospects
San-Cheng Chang, National Science Council, Taipei, Taiwan

The Development of Digital Library/ Museum in Academia Sinica
Ching-Chun Hsieh, Simon C. Lin, Eric Yen, and Mon-Yuan Chang, Academia Sinica, Taipei, Taiwan

Developing the National Palace Digital Museum
Shun-tzu Tsai, National Prince Museum, Taipei, Taiwan

Overview of a Digital Museum of Taiwanese Butterflies
Jieh Hsiang and Jen-Shin Hong, National Chi-Nan University, Pu Lee, Nantou, Taiwan

The Tsing-Hua Web-based Knowledge Park: Vision of the First Virtual Educational Park in Taiwan
Li-Ping Chen and Yi-Long Huang, National Tsing-Hua University, Hsinchu, Taiwan

Towards the Digital Music Libraries: An Approach by Content-Based Retrieval
Yuen-Hsien Tseng, Fu-Jen Catholic University, Taipei, Taiwan

11:15 -11:30 Coffee Break

11:30 - 12:15 GROUP DISCUSSIONS AND Q/A

12:15 - 12:30 SUMMARY SESSION

Drs. Ching-chih Chen, Margaret C. Fung, Robert M. Hayes and participants.

12:30 - 12:45 CONCLUDING REMARKS

Dr. Fang-Rung Juang
Dr. Ching-chih Chen
Chief Conference Organizer, NIT ‘99

12:45 - 14:00  Lunch

14:00 - 17:30  Tour to the National Palace Museum
(Pre-registration for this tour is required)

Keep in touch:

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