

INTERNATIONAL ASTRONOMICAL UNION COLLOQUIUM 110
LIBRARY AND INFORMATION SERVICES IN ASTRONOMY

Wednesday, July 27

1830-2230 Registration at the U.S. Naval Observatory. Reception and tour of the Naval Observatory.

Thursday, July 28

0900-noon SESSION 1. PUBLICATION AND ACQUISITION OF BOOKS AND JOURNALS
Chair: George Wilkins (Chairman of Scientific Organizing Committee)

0900 Welcome and introductory remarks
Gart Westerhout (USNO)
George Wilkins (RGO)

0910 Keynote address: The future of astronomical literature
Helmut Abt (Editor, Astrophysical Journal)

0945 Views of the publishers
Gert Kiers (Kluwer) and Peter Boyce (AAS) will speak on the economics and pricing of astronomy books and journals.

1030 Break

1100 Problems of international acquisitions
Moderator: Helen Knudsen (Caltech); Olga Dluzhnevskaya (Astronomical Council, USSR Academy of Sciences), Lui Jinming (Shanghai Obs.), Jack Weigel (Univ. of Michigan), Selma de Guerra (Observ. Astron. de Cordoba) — A panel discussion on the free (and not so free) flow of publications across political boundaries and what problems and solutions there are.

1145 General discussion

noon Lunch in the hotel

1330-1730 SESSION 2. SEARCHING FOR ASTRONOMICAL INFORMATION
Chair: Suzanne Laloe (Inst. d'Astrophys.)

1335 Words for Searching
Indexing terms: Lutz Schmadel (Astron. Rechen Institut)
Classification: Vagiswari Alladi (Indian Inst. of Astrophys.), George Wilkins (RGO)

1415 IAU Thesaurus
An overview and summation of the IAU thesaurus project will be given by the project's director, Robyn Shobbrook (AAO)

- 1445 General discussion
- 1500 Break
- 1530 Facilities for searching
Indexing and abstracting services
Helen Knudsen (Olivetree Associates), Lutz Schmadel (AAA),
D. Lubowich (AIP) — representatives from one indexing and two abstract-
ing services — will discuss their products.
- 1600 Online bibliographic databases
Joyce Rey-Watson (CfA) will discuss commercial databases,
Wolfgang Lück (FIZ/AAA) will discuss the availability of A & A Abstracts
in the FIZ database, and Mike Collins (INSPEC) will talk about Physics
Abstracts.
- 1630 Getting the Documents
Union Lists of Astronomy Serials
Judy Bausch (Yerkes Obs.) and Angus MacDonald (ROE) will review the
US and UK union lists of astronomical serials.
- 1650 Use of computer networks and electronic mail
Chris Benn (RGO) and Guido Russo (ESO) will discuss computer networks
and the electronic mail directory for astronomy.
- 1710-1730 General discussion
- Evening Small group meetings on specialist topics
Support of remote observatories: Ellen Bouton (NRAO), Maria Gomez
(ESO-Chile)
IAU Thesaurus: Roybn Shobbrook (AAO)
Revision of UDC52: George Wilkins (RGO)
Electronic mail: Chris Benn (RGO)
On-line retrieval demonstrations: Wayne Warren (ADC/NSSDC/GSFC),
Joyce Rey-Watson (CfA)

Friday, July 29

- 0830-noon SESSION 3. HANDLING AND USE OF SPECIAL FORMAT MATERI-
ALS
Chair: Carol Hutchins (Indiana Univ.)
- 0830 Preprints and reprints
Ellen Bouton (NRAO), A. Ratnakar (Raman Research Inst.), Maria
Gomez (ESO-Chile), Sarah Stevens-Rayburn (ST ScI) will give talks on
various ways of dealing with preprints and reprints, including production
and distribution of semi-formal lists and the problems such materials can
create for librarians.

- 0930 Non-printed materials (e.g., microfiche, magnetic tape)
Carlos Jaschek (CDS), Cathy Van Atta (NOAO), Maria Gomez (ESO-Chile) present short papers on acquisition, storage, and use of non-traditionally formatted materials.
- 1000 Break
- 1030 Observatory publications (e. g., reports, newsletters)
Marlene Cummins (Univ. of Toronto), moderator, Joan Gantz (Carnegie Inst. of Washington), and Anne Fishburn (MPI f. Astrophys.) will give short talks to start off a round table discussion covering such questions as: definition, classification and arrangement, access (including the question of cataloging and analytics for observatory publications), storage and retention times (especially for ephemera like time allocation sheets, newsletters, ephemerides, and so on). Any other topics that the audience would like to address will also be covered, e. g.; loans, translations, whether librarians ought to handle production and/or distribution of observatory materials.
- 1145 General discussion
- noon-1700 **SESSION 4. VISIT TO THE LIBRARY OF CONGRESS**
Chair: Ruth Freitag (Science and Technology Division, LC)
Lunch in the cafeteria in the Madison Building
- 1350 Introductory tour (meet in lobby of Madison Building)
- 1530 Description of Science and Technology Division by John F. Price (Assistant Chief, Science and Technology Division) and of the optical disk pilot project by Joseph W. Price (Chief, Science and Technology Division)
- 1630 Free time to visit reading rooms
- 1700-1830 Reception at the Library of Congress
- 1845 Buses return to the hotel and Catholic University

Saturday, July 30

- 0830-1000 **SESSION 5. CONSERVATION OF HISTORICAL MATERIALS**
Chair: Brenda Corbin (USNO)
- 0830 Conservation from the perspective of the Library of Congress
Mark Roosa (National Preservation Office, LC)

- 0915 Conservation from the perspective of the astronomy librarian
Janet Dudley (Royal Signals and Radar Estab.) and Magda Varga (Konkoly Obs.)
- 0945 General discussion
- 1000 Break
- 1030 **SESSION 6. OTHER LIBRARY ACTIVITIES**
Chair: Jack Weigel (Univ. of Michigan)
- 1030 **Library administration: Role of astronomers**
William Buscombe (Dearborn Obs.), Marek Krosniak (Astronomical Observatory of Jagiellonian Obs.), Marek Wolf (Charles Univ., Prague) will be members of a panel discussing the problems of astronomers who have either direct responsibility for libraries or reading rooms, or administrative responsibility for astronomy libraries.
- 1100 **Use of computers**
Edith Sachtschal (ESO) and Sarah Stevens-Rayburn (ST ScI) will give brief papers on the use of computers in libraries for cataloging, word processing, and so on.
- 1130 **Archiving of correspondence and unpublished documents**
Janet Dudley (Royal Signals and Radar Estab.), Suzanne Debarbat (Obs. de Paris), and Anne-Marie Motais de Narbonne (Obs. de Paris) are to discuss this topic including the problem of how to know what to keep.
- noon Picnic lunch at the U.S. Naval Observatory
- 1400 **Support of remote observatories**
Ellen Bouton (NRAO) and Maria Gomez (ESO-Chile) will present a summary of the evening discussion of the care and feeding of astronomy libraries from afar.
- 1420 **Resource sharing and cooperative activities**
Moderator: Ethleen Lastovica (SAAO); Magda Vargha (Konkoly Obs.), Jenny Davies (CSIRO Div. of Radiophysics), Barbara Gertner (Inst. of Astronomy, N. Copernicus Univ.), and Anne-Marie Motais de Narbonne (Obs. de Paris) will be the speakers discussing exchange of lists (e.g., search, duplicate, acquisitions, etc.) and other resource sharing, with a focus on future cooperation, both regional and international.
- 1510 General discussion
- 1530 Break
- 1600-1730 **SESSION 7. REVIEW AND FORWARD LOOK**
Chair: Gart Westerhout (USNO)

- 1600 Documentation and data: the role of Commission 5
George Wilkins (RGO)
- 1612 Dissemination and retrieval of information
Suzanne Laloe (Inst. d'Astrophys.)
- 1624 Management of astronomical peculiarities
Carol Hutchins (Indiana Univ.)
- 1636 Maintaining the historical record
Brenda Corbin (USNO)
- 1648 Organization of activities
Jack Weigel (Univ. of Michigan)
- 1700 A look at the future of astronomical libraries
Pat Molholt (Associate Dir. of Libraries, Rensselaer Polytechnic Univ.)
- Evening Colloquium dinner at the hotel
Cocktails 1900; Dinner 2000

Sunday, July 31

Free day for sightseeing in Washington and informal discussions

Monday, August 1

Sessions at Goddard Space Flight Center

- 0930-noon SESSION 8. ASTRONOMICAL DATA CENTERS
Chair: Wayne Warren (ADC/NSSDC/GSFC)
- 0930 Coffee and donuts
- 0950 Welcome
Frank B. McDonald (Associate Director and Chief Scientist, GSFC)
- 1000 Surveys of principal sources and centers
James L. Green (Director, NSSDC) and Carlos Jaschek (Director, CDS) will describe what is available from their respective data centers and how librarians may access them.
- 1040 Archiving of current observational data
Chris Benn (RGO), Francois Ochsenbein (ESO)
- 1120 Access arrangements and retrieval techniques
Valerie L. Thomas (NSSDC), Pascal Dubois (CDS), and Barry E. Jacobs (NSSDC) will give short presentations on SPAN, SIMBAD, and DAVID and what they mean to and for libraries.
- 1230 Lunch in the Goddard cafeteria

- 1345 SESSION 9. GROUP TOURS OF GODDARD SPACE FLIGHT CENTER
 Chair: Jaylee Mead (GSFC)
- Data Center
 Library
 Other facilities
- 1530 Travel to Baltimore for IAU General Assembly or return to Washington.

Note: Attendance at the IAU General Assembly (including the meetings of IAU Commission 5, which will take place at various times during the period of Assembly) is normally open only to registered members and invited participants. Participants in the Colloquium who are not able to attend the whole Assembly will be able to attend the Joint discussion on "Documentation, Data Services and Astronomers" that will be held on August 3 provided that they have applied in advance as per the instructions in the third mailing.

Tuesday, August 2

Afternoon IAU XXth General Assembly: Inaugural Ceremony and Opening General Assembly

Wednesday, August 3

Joint discussion on Documentation, Data Services and Astronomers.

POSTER PAPERS

M. BARYLAK, W. WAMSTEKER, C. DRIESSEN, J. R. MUNOZ, A. TALAVERA
THE ON-LINE IUE UNIFORM LOW DISPERSION ARCHIVE

ZULEIKA BERTO
ASTROPHYSICS RESEARCH AT THE FEDERAL UNIVERSITY OF RIO GRANDE DO
SUL: WHO QUOTES IT IN THE WORLD

HUANG BI-KUN
COLLECTION DEVELOPMENT AT PURPLE MOUNTAIN OBSERVATORY: SEEKING
EXCHANGES OF FOREIGN ASTRONOMY SERIALS

MIKE COLLINS
A NEW DIMENSION TO RETRIEVAL

PAUL-HENRI DALE
FOR A BETTER COOPERATION BETWEEN LIBRARIES OF ASTRONOMICAL OB-
SERVATORIES: A PROPOSAL OF THE LIBRARY OF THE ROYAL OBSERVATORY
OF BELGIUM

PASCAL DUBOIS
SIMBAD BIBLIOGRAPHY AND OTHER ASTRONOMICAL BIBLIOGRAPHIES

LI DE-HE
THE COMPUTER SYSTEM OF INFORMATION RETRIEVAL AND MANAGEMENT
OF THE CHINESE SHAANXI ASTRONOMICAL OBSERVATORY

BARBARA GERTNER
PROBLEMS OF INTERNATIONAL ACQUISITIONS IN OUR LIBRARY

ANDRE HECK
ASTRONOMICAL DIRECTORIES

MOHAMMAD ILYAS
ASTRONOMICAL JOURNALS: CONSIDERATIONS FOR FINANCIAL AND BIBLIO-
GRAPHIC CONSISTENCY

LIU JINMING
THE ASTRONOMICAL PUBLICATIONS IN CHINA

ETHLEEN LASTOVICA
SOUTH AFRICAN ASTRONOMICAL OBSERVATORY LIBRARY AND ACTIVITIES
and A RECENT ACQUISITION RELATING TO THE SOLAR ECLIPSE EXPEDITION
TO THE CAROLINE ISLANDS

DONALD A. LUBOWICH
THE PHYSICS AND ASTRONOMY CLASSIFICATION SCHEME, 1988 (AMERICAN
INSTITUTE OF PHYSICS)

CHENG LIAN-QING
SELECTIVE DISSEMINATION OF INFORMATION USING AN IBM COMPUTER

JANET AKYUZ MATTEI
THE AAVSO VARIABLE STAR DATA BANK

ALICE LEFLER PRIMACK
IDENTIFYING ACADEMIC PHYSICAL SCIENCE RESEARCH IN PROGRESS

ZHOU SHU QUN
TRIENNIAL REPORT ON OPEN CLUSTER RESEARCH (1984-1986)

CAROL RHODES, MICHAEL KURTZ, JOYCE REY-WATSON
THE SMITHSONIAN ASTRONOMICAL SOFTWARE DOCUMENTATION COLLEC-
TION PROJECT

ROBYN SHOBBROOK
CONVERSION OF THE AAO LIBRARY CARD CATALOGUE USING PC SOFTWARE

MAGDA VARGHA
EXCHANGE OF INFORMATION BETWEEN ASTRONOMERS FROM THE EARLY
AGES UNTIL NOW

MARIE-JOSE VIN AND ANNE-MARIE DE NARBONNE
PART DE LA PHYSIQUE ET DES MATHEMATIQUES DANS LES ACQUISITIONS DES
BIBLIOTHEQUES FRANCAISES SPECIALISEES EN ASTRONOMIE

MARIE-JOSE VIN
ASTRONOMICAL LIBRARIES AND ASTRONOMER'S WORK IN 20 YEARS

WAYNE H. WARREN, JR.
LIBRARY COLLECTIONS OF MACHINE-READABLE ASTRONOMICAL CATALOGS

ZHOU YUNFEN
LIBRARY AND INFORMATION SERVICES IN CHINESE ASTRONOMY