



ArchivesSpace

a community served by  Lyrasis

Jan Schilt papers 4079816

This finding aid was produced using ArchivesSpace on January 13, 2025.

Description is written in: English.

Describing Archives: A Content Standard

Rare Book and Manuscript Library

Butler Library, 6th Floor
Columbia University, Mail Code 1127
535 W. 114th St.
New York, NY 10027
Business Number: (212) 854-5153
Fax Number: (212) 854-1365
rbml@libraries.cul.columbia.edu
URL: <http://www.columbia.edu/cu/lweb/indiv/rbml/index.html>

Table of Contents

Summary Information	3
Biographical / Historical	3
Summary	3
Arrangement	4
Administrative Information	4
Controlled Access Headings	5
Collection Inventory	6
Series I: Arranged Correspondence	6
Subseries I.1: Chronological	6
Subseries I.2: Subject	6
Series II: Committees and Course Materials	9
Series III: Lab Materials	9
Series IV: Early Notes of Schilt	10
Series V: Testing Materials	15

Summary Information

Repository:	Rare Book and Manuscript Library
Creator:	Schilt, Jan, 1894-1982
Title:	Jan Schilt papers
ID:	4079816
ID:	MS#1127
Date [inclusive]:	1931-1963
Physical Description:	23.5 linear feet 27 boxes
Language of the Material:	English .

Preferred Citation

Identification of specific item; Date (if known); Jan Schilt papers; Box and Folder; Rare Book and Manuscript Library, Columbia University Library.

[^ Return to Table of Contents](#)

Biographical / Historical

Astronomer and administrator. Schilt was Rutherford Professor Emeritus at Columbia, invented the Schilt photometer, and helped clarify the motions of stars in the Milky Way. He was director of the Yale-Columbia Southern Station in Johannesburg and Canberra, Australia. He served as chairperson of Columbia's department of astronomy from 1936 until 1962.

[^ Return to Table of Contents](#)

Summary

Collection consists of Schilt's correspondence as chairperson of Columbia's department of astronomy and director of the Yale-Columbia Southern Station as well as the Rutherford

Observatory at Columbia. The majority of arranged office files are comprised of memoranda, documents, some departmental correspondence, committee reports, course material including material for student laboratory exercises. There is also a small sampling of Schilt's early notes as a student and reports of off-site testing done under the auspices of the National Science Foundation.

[^ Return to Table of Contents](#)

Arrangement

This collection is arranged into 5 series.

[^ Return to Table of Contents](#)

Administrative Information

Publication Statement

Rare Book and Manuscript Library

Butler Library, 6th Floor

Columbia University, Mail Code 1127

535 W. 114th St.

New York, NY 10027

Business Number: (212) 854-5153

Fax Number: (212) 854-1365

rbml@libraries.cul.columbia.edu

URL: <http://www.columbia.edu/cu/lweb/indiv/rbml/index.html>

Revision Description

Legacy finding aid created from Pro Cite. EAD was imported spring 2019 as part of the ArchivesSpace Phase II migration. 2010-03-05 2019-05-20

Restrictions on Access

This collection is located off-site. You will need to request this material at least three business days in advance to use the collection in the Rare Book and Manuscript Library reading room.

Restrictions on Access

This collection has no restrictions.

Terms Governing Use and Reproduction

Reproductions may be made for research purposes. The RBML maintains ownership of the physical material only. Copyright remains with the creator and his/her heirs. The responsibility to secure copyright permission rests with the patron.

Immediate Source of Acquisition

Source of acquisition--astronomy department. Method of acquisition--gift; Date of acquisition--02/23/89. Accession number--M-89-2-23.

Ownership and Custodial History

Transfer from department of Physics, 1989.

Processing Information

processed JSM 10/23/92.

Accruals

Materials may have been added to the collection since this finding aid was prepared. Contact rbml@columbia.edu for more information.

[^ Return to Table of Contents](#)

Controlled Access Headings

- Astrometry
- Astronomical observatories
- Astronomical observatories -- Administration
- Astronomy
- Astrophysics
- Photometry
- Documents
- Exercises
- Memorandums
- Notes (documents)
- Office files

- Reports
- Astronomers
- College administrators
- Columbia University. Rutherford Observatory
- Columbia University. Department of Astronomy

Collection Inventory

Series I: Arranged Correspondence

Subseries I.1: Chronological

Title/Description	Instances	
1930s	box 01	folder 1-4
Secretarial Miscellaneous, before 1963	box 10	folder 1
1930s	box 02	folder 1

Subseries I.2: Subject

Title/Description	Instances	
University Executive Council, 1942-1945	box 03	folder 1
University Office of Admissions, 1941-1955	box 03	folder 2
University-Public Ceremonies, 1943-1957	box 03	folder 3
Watson Laboratory, IBM Machine, 1940-1955	box 03	folder 4
Yale-Columbia Southern Station, 1951-1956	box 03	folder 5
George Pegram, 1940-1949	box 05	folder 6
Yale University Observatory, 1953-1962	box 03	folder 7
Yale-Columbia Southern Station, 1945-1951	box 03	folder 8
Stromgren, 1957-1958	box 04	folder 1
N.Y. Academy of Science, 1940-1945	box 04	folder 2
Office of Naval Research (ONR)	box 04	folder 3
Oort, J.H., 1941-1960	box 04	folder 4
Neighbor's Society, 1937-1956	box 04	folder 5
Netherlands Book Committee, 1946	box 04	folder 6
Netherlands Information Bureau, 1941-1947	box 04	folder 7
Netherlands Study Group, 1945	box 04	folder 8
Netherlands University League, 1942-1950		

Jan Schilt papers 4079816

	box 04	folder 11
National Science Foundation (N.S.F.), 1953-1959	box 04	folder 9
A Punched Card Catalogue of Data for the Stars in the Boss General Catalogue	box 04	folder 10
Mailing list, 1961-1962	box 04	folder 12
Netherlands Information Bureau, 1941-1947	box 04	folder 10
Struve, Yerkes Observatory, 1934-1958	box 05	folder 1
Observatory Uccle, 1931-1946	box 05	folder 2
Schlesinger, 1940-1941	box 05	folder 3
Sydney Observatory, 1953	box 05	folder 4
U.S. Naval Observatory, 1933-1959	box 05	folder 5
University of Brussels, 1946	box 05	folder 6
Osterhoff, P. - Holland, 1934-1951	box 05	folder 7
Polowe, David, 1942-1946	box 05	folder 8
Radcliffe Observatory, 1958	box 05	folder 9
Reuyl, D., 1942-1943	box 05	folder 10
Rosseland, 1945-1947	box 05	folder 11
Royal Observatory, 1946-1953	box 05	folder 12
Royal Observatory, South Africa, 1939-1957	box 05	folder 13
D.H. Sadler - Royal Greenwich Observatory, 1957-1959	box 05	folder 14
Schauer, Charles - Research Corporation, 1946-1949	box 05	folder 15
Prendergast, Kevin, 1953-1956	box 05	folder 16
Schwarzschild, M., 1941-1955	box 05	folder 17
Science Journal, 1940	box 05	folder 18
Shapley, Harlow, 1940-1957	box 05	folder 19
Sky and Telescope (Federer), 1942-1947	box 05	folder 20
Sproul Observatory - Swarthmore College, 1944-1956	box 05	folder 21
Dearborn Observatory - Northwestern University, 1940-1954	box 06	folder 1
de Vaucouleurs, G., 1953-1957	box 06	folder 2
Dunham, Theo, 1953-1954	box 06	folder 3
Eastman Kodak Co., 1941-1955	box 06	folder 4
Eckert, W., 1940-1957	box 06	folder 5

Eichner, L.C., 1946-1960	box 06	folder 6
Fulbright, J. - Australia, 1950-1959	box 06	folder 7
Geology Dept. - Columbia College, 1950-1953	box 06	folder 8
Guggenheim Foundation, 1959-1962	box 06	folder 9
Harvard College Observatory, 1939-1956	box 06	folder 10
Higgins Fund, 1954-1957	box 06	folder 11
Hill, Sarah J., 1947-1958	box 06	folder 12
Hill, Sarah - Makemson, Maud, 1934-1952	box 06	folder 13
International Astronomical Union (I.A.U.), 1950-1959	box 06	folder 14
Bok, Bart J., 1940-1957	box 07	folder 1
Brouwer, Dirk, 1955-1962	box 07	folder 2
Brouwer, Dirk, 1948-1955	box 07	folder 3
Astrophysical Journal, 1932-1949	box 07	folder 4
Barnard, 1942-1949	box 07	folder 5
Blaauw, Adrian, 1940-1958	box 07	folder 6
Bosscha Observatory, Hins, C.H., 1934-1946	box 07	folder 7
Bullen, K.E., 1953-1956	box 07	folder 8
Carnegie Institution of Washington, D.C., 1934-1960	box 07	folder 9
Cincinnati Observatory (Herget, P.), 1935-1959	box 07	folder 10
Curtiss-Wright Corporation, 1942-1943	box 07	folder 11
Miscellaneous, 1950-1958	box 08	folder 1
Miscellaneous, 1950-1951	box 08	folder 2
Menzel, Harvard Observatory, 1946-1954	box 08	folder 3
Johannesburg, South Africa, 1947-1957	box 08	folder 4
Johannesburg, South Africa - Photographic plates, 1947-1949	box 08	folder 5
Johannesburg, South African Embassy, 1949	box 08	folder 6
Mt. Stromlo, Canberra, Australia, 1949-1955	box 08	folder 7
Mt. Wilson and Palomar Observatories, 1931-1959	box 08	folder 8
Miscellaneous, 1934-1947	box 08	folder 9
Princeton, 1940-1951	box 08	folder 10
Miscellaneous, various dates	box 08	folder 11
Star Tables, 1942-1950		

	box 10	folder 2
University Notices, before 1963	box 10	folder 3
Teaching Assistant Records, 1963-1965	box 10	folder 4
Van de Kamp, 1940-1943	box 10	folder 5
Wachmann, A. - Visiting professor, 1959-1961	box 10	folder 6
Warner and Swasey Observatory, 1940-1956	box 10	folder 7
Washburn Observatory, 1947-1948	box 10	folder 8
Wood, Ben, 1933-1946	box 10	folder 9
Yale-Columbia Southern Observatory - Jackson, Cyril, 1959-1962	box 10	folder 10
Yale University Observatory, 1932-1950	box 10	folder 11
Yerkes Observatory, 1939-1950	box 10	folder 12
Miscellaneous (173)	box 11	folder 1
Yowell, E.C., 1942-1955	box 11	folder 2
Science Committee, 1937-1945	box 11	folder 3
Secretarial Miscellaneous, Replies to Lay Inquiries, 1942-1956	box 11	folder 4
Argentina, Oct. 15, 1961	box 11	folder 5
Brouwer, Dirk, 1935-1945	box 11	folder 6
Brouwer, Dirk, 1945-1947	box 11	folder 7
Miscellaneous, 1950-1959	box 09	folder 1
Miscellaneous, [v.d.]	box 09	folder 2

[^ Return to Table of Contents](#)

Series II: Committees and Course Materials

Title/Description	Instances	
Budget, 1950-1958	box 12	folder 1
Personnel (Inactive), 1953-1956	box 14	folder 1

[^ Return to Table of Contents](#)

Series III: Lab Materials

Title/Description	Instances	
Research calculations, undated		

box 21 folder 1

[^ Return to Table of Contents](#)**Series IV: Early Notes of Schilt**

Title/Description	Instances	
Early School Notes of Schilt	box 25	
Chilean Report #2, 1959	box 26	folder 1
Budget, 1942-1949	box 12	folder 2
Columbia College, 1949-1961	box 12	folder 3
Columbia College, 1940-1949	box 12	folder 4
Faculty of Pure Science, 1940-1950	box 12	folder 5
E.K.A. Fund, 1950-1954	box 13	folder 1
Committee on Instruction Minutes, 1947-1950	box 13	folder 2
Committee on Instruction - Faculty of Pure Science, 1940-1952	box 13	folder 3
Fellowships - Committee on Instruction - Faculty of Pure Science, 1954-1958	box 13	folder 4
General Studies (G.S.), 1941-1957	box 13	folder 5
Graduate Students (Applicants), 1960-1962	box 13	folder 6
Graduate Students, 1947-1963	box 13	folder 7
Graduate Students, 1939-1961	box 13	folder 8
Graduate Students Records, 1943-1957	box 13	folder 9
Graduate Faculties, 1952-1961	box 13	folder 10
Hett, John, 1942	box 13	folder 11
Jacoby, Harold, 1932	box 13	folder 12
Library, 1940-1956	box 13	folder 13
Motz, L., 1960	box 13	folder 14
Phi Beta Kappa, 1933-1955	box 14	folder 2
Photometry - (Glass Filter), 1946-1954	box 14	folder 3
Rejected Manuscripts, 1946	box 14	folder 4
Salary statements, 1947-1961	box 14	folder 5
Old Clark Telescopes, 1950-1951	box 14	folder 6
69 - Writings by Schilt, 1947	box 14	folder 7

69-Writings by Schilt, 1939-1941	box 14	folder 8
56-Writings by Schilt, 1950	box 14	folder 9
Notes; Research Materials, 1950s & 1960s	box 14	
Photometer Paper, 1947	box 15	folder 1
Distribution of Stars According to Apparent Magnitudes & Galactic Latitude and the Scale of the Polar Sequence by Jan Schilt, circa 1946	box 15	folder 2
Sodium Line Intensities as Criterion for Stellar Distances by Jan Schilt, 1947	box 15	folder 3
Virginia Conference Remarks - Ms. & Correspondence, 1957	box 15	folder 4
The Astronomical Journal, 1940-1958	box 15	folder 5
Sub-Committee for Inter-American Astronomy, 1959-1962	box 15	folder 6
American Astronomical Society (AAS), 1941-1962	box 15	folder 7
American Association for the Advancement of Science (AAAS), 1928-1949	box 15	folder 8
The American Association of Variable Star Observers (AAVSO), 1954	box 15	folder 9
Allegheny Observatory, 1941-1955	box 15	folder 10
American Astronomical Society, 1950-1960	box 15	folder 11
Askania-Werks, 1950-1951	box 15	folder 12
Kapetyn Astronomical Lab, 1947-1957	box 16	folder 1
Leander McCormick Observatory - University of Virginia, 1940-1958	box 16	folder 2
Scope and Contents		
[Schilt's correspondence]		
Lick Observatory, 1940-1941	box 16	folder 3
Linblad, Bertil, 1934-1951	box 16	folder 4
Scope and Contents		
[Correspondence]		
Luyten, W.J., 1931-1948	box 16	folder 5
Scope and Contents		
[Correspondence]		
69 - Writings by Schilt, 1940s - 1950s	box 16	folder 6
Note on the Colors of the AoP Stars - Writing by Schilt, 1952	box 16	folder 7

Photoelectric Color 2036 Stars - Writing by Schilt & others, 1951	box 16	folder 8
69-Writings by Schilt and others, undated	box 16	folder 9
69-Research Materials and Notes, undated	box 16	folder 10
Minor Cloud "B". Plate 59312 (Blue), undated	box 17	folder 1
Scope and Contents		
[Research calculations]		
Research Calculations, undated	box 17	folder 2
Plate 61626 (Center-Red), undated	box 17	folder 3
Scope and Contents		
[Research calculations]		
Center Plate 61834 (Red), undated	box 17	folder 4
Scope and Contents		
[Research calculations]		
Minor Cloud "B". Summary, undated	box 17	folder 5
Scope and Contents		
[Research calculations]		
Research Calculations, undated	box 17	folder 6
Research Calculations, undated	box 17	folder 7
Research Calculations, undated	box 18	folder 1
Experiment 2, undated	box 18	folder 2
Experiment 0-4, undated	box 18	folder 3
GS Astronomy 1, undated	box 18	folder 4
Stennbs Experiments I, undated	box 18	folder 5
Experiments O, undated	box 18	folder 6
Experiment 0-5, undated	box 18	folder 7
Stencils; Assignments, Observing Lists, Stars & Constellations, undated	box 18	folder 8
Experiment I-10, undated	box 18	folder 9
Experiment I-1, undated	box 18	folder 10
Experiment I-8, undated	box 18	folder 11
Experiment O-2, undated	box 18	folder 12

Experiment O-3, undated	box 18	folder 13
Experiment I-8, undated	box 18	folder 14
Experiment I-7, undated	box 18	folder 15
Experiment O-10, undated	box 18	folder 16
Research Calculations, 1949-1950	box 18	folder 17
Miscellaneous Research Notes, undated	box 18	
Table 1 - The Equation of Time, undated	box 19	folder 1
Reading List of G.S. Ast. I, undated	box 19	folder 2
Problem Lists, undated	box 19	folder 3
Mechanics Notes, undated	box 19	folder 4
E.C.X. - Research Calculations, undated	box 19	folder 5
Astronomy 1 - Notes, undated	box 19	folder 6
Astronomy 115 & R55, undated	box 19	folder 7
Bibliography - Astronomy 116, undated +	box 19	folder 8
89-Research Notes, undated	box 19	folder 9
School of Mines - Spherical Astronomy Notes, undated	box 19	folder 10
Experiment I-13, undated	box 20	folder 1
Experiment O-9, 1946	box 20	folder 2
Experiment O-8, undated	box 20	folder 3
Experiment O-7, 1948	box 20	folder 4
Experiment I-11, 1949-1950	box 20	folder 5
Laboratory Assignments - Astronomy 1, 1949-1950	box 20	folder 6
Observing List - Astronomy 1, 1949-1950	box 20	folder 7
G.S. Astronomy 2, undated	box 20	folder 8
Astronomy Class Lab Experiments, undated	box 20	folder 9
Blue Center, undated	box 21	folder 2
Scope and Contents		
[Research calculations]		
Minor Cloud "B" - PL 59 v 91 - Center Blue, undated	box 21	folder 3
Scope and Contents		
[Research Calculations]		
Field Corrections, undated	box 21	folder 4

Scope and Contents

[Research Calculations]

Calculations and an article from "Astronomical Journal", 1947	box 21	folder 5
C61505 (2 hr. exposure), 1st Measure, undated	box 21	folder 6
Scope and Contents		
[Research Calculations]		
Research calculations, undated	box 21	folder 7-18
Comparison with Other Catalogues, undated	box 21	folder 19
Zone +20 to +25, undated	box 21	folder 20
Scope and Contents		
[Research Calculations]		
Zone +25 to +30, undated	box 21	folder 21
Scope and Contents		
[Research calculations]		
Zone +50 - +55, undated	box 22	folder 1
Scope and Contents		
[Research calculations]		
Zone +55 - +60, undated	box 22	folder 2
Scope and Contents		
[Research calculations]		
Miscellaneous - All Zones, undated	box 22	folder 3
Scope and Contents		
[Research calculations]		
Notes and memos, 1950s	box 22	folder 4
Stencil-blank forms for research, undated	box 22	folder 5
Atomic Bomb Committee, November 1945	box 22	folder 6
Scope and Contents		
[Memos and drafts of letters]		
Budget, 1961-1962	box 23	folder 1
Minor Cloud B - Offsets-New Lists & Measurements, undated	box 23	folder 2

Comparison of Readings with Different Backgrounds & Different D-2 Openings, undated Scope and Contents [Research calculations]	box 23	folder 3
Comparison, undated Scope and Contents [Research calculations]	box 23	folder 4
Comparison of Iris Readings Made By Turning Wheel Clockwise & Counterclockwise, undated Scope and Contents [Research calculations]	box 23	folder 5
Measurments of..., undated Scope and Contents [Research calculations]	box 23	folder 6
Minor Cloud B - Offset Plates - Work Done with Preliminary Lists, undated Scope and Contents [Research calculations]	box 23	folder 7
Title of Chart Sent to Zurich, undated Scope and Contents [Research calculations]	box 23	folder 8
Research Calculations, undated	box 23	folder 9-18
Research Calculations, undated	box 24	folder 1-3
Budget Correspondence, 1940s	box 24	folder 4
Appointments (Forms, etc. Prior to 1962)	box 24	folder 5
Accounts - Old Correspondence, 1941-1955	box 24	folder 6
Research Calculations, undated	box 24	folder 7-8

[^ Return to Table of Contents](#)

Series V: Testing Materials

Title/Description	Instances	
Various Locations	box 26	folder 2

Site Report, Australia, 1959	box 26	folder 3
Chilean Site Testing, 1959	box 26	folder 4
National Science Foundation (NSF) Balance Sheets, 1960	box 26	folder 4
Observation, El Leoncito, 1962	box 26	folder 6
Argentina: Finance Administration, 1962	box 26	folder 7
El Leoncito Final Copy & Correspondence, 1962	box 26	folder 8
Leoncito - Data, 1959	box 27	folder 1
Chilean Correspondence, 1959	box 27	folder 2
Astrograph Construction, 1962	box 27	folder 3
Sites-Chile, 1958-1961	box 27	folder 4
Site Photographs	box 27	folder 5
Tucson Report - Chile Report, 1960	box 27	folder 6
NSF G-8165 - Financial, 1960	box 27	folder 7
NSF - G-8165, 1957-1963	box 27	folder 8
Trip to Australia, 1958-1959	box 27	folder 7
NSF - G-8165 on Budget, Grants, 1959-1962	box 27	folder 10
Site Reports, to J. Oort, 1962-1963	box 27	folder 11
Site-testing, Australia, South Africa, 1956-1958	box 27	folder 12
Trips to South America, 1959-1961	box 27	folder 13
Ford Foundation, 1959-1960	box 27	folder 14
Astro - Plans and Correspondence - New Telescope, 1960	box 27	folder 15

Scope and Contents

[Photographs included]

[^ Return to Table of Contents](#)