



11/6/25

Engineering

Electrical and Computer Engineering

Sidney A. Bowhill Papers, 1963-84

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1. Journal Correspondence - 1 folders
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Arecibo Observatory, Puerto Rico, 1973-79
Excel Proposal, 1985
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GSFC-UIUC Lidar, 1980
NASA, Rocket Studies of the Lower Ionosphere, Aeronomy Laboratory (3 folders), 1977-85
NASA/DE, 1984
National Oceanic and Atmospheric Administration/Susan K. Avery, 1979-81
Incoherent Scatter (3 folders), 1969-83
NSF VHF Backscatter, 1979-80
High Resolution Meteor Winds Radar (2 folders), 1972-82
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 Lidar Studies of Sodium Layer (3 folders), 1977-85

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Climate Forum, 1979-84
Committee on Geophysical Data, 1980-82
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Completed Reviews (3 folders), 1965-79
Journal of Atmospheric and Terrestrial Physics--Editor, 1965-82
Radio Science--Editor, 1969-82
Correspondence (2 folders), 1969-83
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Reports to the United Nations, 1981-83
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Evans/Bowhill Book, 1964-67
Data Review, 1968-69

Brian Horton Paper
Paramasivaiah/Bowhill Paper
Weiland/Somayai/Bowhill Paper, 1977

Box 10:

Aeronomy laboratory

In-house memos and correspondence (2 folders), 1966-67

U.S. Air Force: Scientific Advisory Board on Aeronomy

Reports (2 folders), 1970-76

Briefing documents, 1976

Ad Hoc Aeronomy Committee reports, meeting agenda (2 folders), 1976-77

National Center for Atmospheric Research (NCAR)

Upper Atmosphere Project reports and mission statements, 1974-75

Upper Atmosphere Project correspondence, 1974-77

University Corporation for Atmospheric Research (UCAR)

Correspondence, 1971-86

Upper Atmosphere Research Corporation (UARC)

Scatter radar study and correspondence (5 folders), 1971-86

Upper Atmosphere Observatory reports and press release (2 folders), 1967-74

Upper Atmosphere Observatory proposals and correspondence, 1968-74

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Committee on Industrial Cooperation Association (CICA)

Radar scatter and facility studies presented in nine reports from CICA, 1966-68.

Institute of Electrical and Electronics Engineers (IEEE)

Standards committee correspondence & meeting agenda (2 folders), 1965-71

Minutes of 39th Technical Operations Committee Meeting, 1964

Unconfirmed minutes of IEEE Standards Committee Meetings (2 folders), 1965-69

Standards manuals and terminology definitions, 1967-69

Series of twenty-two test procedures and standards booklets, 1967-63

Section manuals and bylaws, 1965, 1967-69

Institute of Radio Engineers (IRE)

Manual, 1959

Institute of Electrical and Electronics Engineers/American Institute of Electrical Engineers/Institute of Radio Engineers Standards Publication

Series of nine standards booklets, 1962-68

Box 12:

Institute of Electrical and Electronics Engineers, (IEEE) - Publications Board Proceedings and

- Correspondence, V 9 (5 folders), 1964-65
- ICSU - SCOSTEP - International Magnetospheric Study (IMS), published reports, 1976-79
- IEEE, Group Antennas and Propagation (GAP) Administrative Committee Correspondence/Minutes, 1967-71
 - GAP Standards Committee Correspondence, 1968-71
 - Antenna Standards Committee (2 folders), 1968-70
- International Council of Scientific Unions (ICSU) - Special Committee on Solar Terrestrial Physics (SCOSTEP) - Solar Terrestrial Physics (STP) Working Papers/Correspondence (2 folders), 1972-78
- ICSU - Inter Union Commission on Solar Terrestrial Physics - (IUCSTP) meeting, London, correspondence, March 1973
 - Meeting, London, Index to Proposed Projects
- Projects/Correspondence, March 1972
 - Meeting, March 1972-73 Reports, Notes from Working Group Leaders
 - Correspondence on Issues and Proposals for Future Programs, 1971
 - International Magnetospheric Study (IMS)
- Questionnaire, October 1973-74
 - Bureau Meeting Agenda and Minutes, October 1977
 - Special Committee on STP correspondence (4 folders), 1972-79
 - IUCSTP - Questionnaire Responses (3 folders), 1973

Box 13:

- UIUC - Committee - Electrical & Computer Engineering Department Reorganization Correspondence, 1988
 - CE 348 Atmospheric Chemistry - Ad Hoc Committee Correspondence, 1985
 - Department of Atmospheric Sciences, Laboratory of Atmospheric Research (LAR), correspondence, 1978-81
 - Department of Electrical Engineering - Theft, 1980-81
 - Vacancies, correspondence/resumes, 1983-85
 - Prairie Observatory, correspondence/site plans/photo, 1980-81
 - Illinois Institute of Natural Resources - Illinois Solar Energy Development Program, correspondence, 1974-79
- UIUC-Funding Proposals, correspondence/personal notes, 1983
 - Munitz Report on University Reorganization, 1972-73
- Universities Space Research Association (USRA) - NASA/University Relations Study Group Correspondence, 1981-85
- USRA - NASA/University Relations Study Group Reports, 1978
- UIUC - College of Engineering Plasma Engineering Center correspondence, 1984-85
 - Senate Subcommittee on Educational Policy correspondence/minutes, September-December, 1985
 - Senate Committee on Educational Policy, proposals/correspondence, 1984-85

- Department of Electrical and Computer Engineering Curriculum and Computer Area correspondence, 1981-86
- American Society of Engineering Education - Division Newsletter, March 1971
- UIUC - Visiting Scientist Program, 1967-70
- Tutorial Papers, 1962-66
- Union Radio Scientific Internationale (URSI)
 - Review of Radio Science (1972-74), international correspondence, 1975-76
 - Review of Radio Science (1975-77), international correspondence (3 folders), 1972-79
 - Review of Radio Science (1978-80), international correspondence, 1980-84
 - Review of Radio Science, international correspondence, 1981-83
- Stanford Research Institute Proposals, correspondence (2 folders), 1975-76
- Unripe Proposals, 1962-71

Box 14:

- Antarctic and Southern Hemisphere Aeronomy Year (ASHAY), 1976-78
 - Correspondence
 - Reports
- Committee on Solar and Space Physics - Correspondence, 1981
- Committee on Space Physics Correspondence, 1977-78
- Reports (2 folders), 1974-78
- General Correspondence, 1961-70
- Dynamics Explorer Mission Correspondence, Reports and Notes, 1977-81
- Electrodynamics, Correspondence Notes & Reports, 1973
- Flight Plans and Ground Station, 1963-69
- International Cooperation, 1965-80
- International Year of the Quiet Sun (IQSY)
 - Correspondence (2 folders)
 - Reports and Proposals (2 folders), 1959-66
- Ionospheric Physics, 1962
- Joint American - Soviet Particle Intercalibration (JASPIC), 1977-78
- Mariner Jupiter/Saturn - Reports, 1972-73
- Mobile Launch, 1963-66
- NASA - Atmospheric and Space Physics Management Operations Working Group, 1974-86
 - Correspondence
 - Meeting Minutes, Agendas, and Notes (2 folders)
 - Photographs
 - Reports (3 folders), 1976-77

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NASA, Atmospheric & Space Physics Mgt. Operations Working Group Reports (2 folders), 1981
NASA - Multiuser Payload Program, 1977-78
 Correspondence
 Meetings
 Reports
Project Condor, 1983
Radicella, 1967-75
Sayers, J., Correspondence, 1961-65
Schmerling Correspondence, 1962-79
Smith, Lester G. Correspondence (3 folders), 1960-85
Solar Eclipse, 1977
Solar Power Satellite
 Correspondence, Meetings and Notes
 Reports (2 folders), 1973-78
Solar Terrestrial Observatory Correspondence, Notes and Meetings, 1977-81
 Reports (3 folders), 1977-81
Sounding Rocket Program (2 folders), 1972-76

Box 16:

Stratospheric Research Advisory, 1975-78
 Correspondence
 Committee Meetings Minutes
Universities Space Research Association (USRA), Houston, TX
 Correspondence, Newsletters & Reports (3 folders), 1976-77
Upper Atmosphere Research Satellite Program (UARS) - Science Definition
 Working Group, 1978
National Academy of Sciences - Space Science Board
 Meeting: Washington, D.C., June 9, 1965
 Summer Study: Woods Hole, MA, June 20 - July 20, 1965
Percy Papers: Random Sampling Publication & Research Data, 1939, 1968
Cummings Papers: Correspondence & Research Data, 1963-65
Bradley Rebuttal: Correspondence & Research Data, 1963-67
F2 Layer: Correspondence & Research Data, 1964-66
Z-Trace: Correspondence & Research Data, 1964-66
Technique Manual: Correspondence & Research Data, 1963-65
Oxygen: Research Data & Abstracts
Partial Reflection Antenna: Research Data & Papers, 1964
Eclipse: Correspondence & Research Data, 1959-62
Eclipse 1970 & 1966: Correspondence, Research Data, & Eclipse Manual, 1965-70
G-20 Computer: Correspondence, Lecture Series, & Handouts, 1964
KC Correlation: Research Data, 1948

Specimen Day: Correspondence, Research Data & Meetings:

O'Hare Airport, Chicago, June 18, 1969

O'Hare Airport, Chicago, July 13, 1972

Peruvian Expedition: Correspondence, 1973-74

Puerto Rico Rocket: Correspondence & Research Data, 1965-68

Committee on Data Interchange and Data Centers (CDIDC):

Correspondence, Minutes, Reports, Publications, & Research Data (13 folders), 1968-77

Box 17:

Committee on Data Interchange (4 folders), 1978-80

Geophysical Data Panel: Correspondence, Reports, & Publication (3 folders), 1975-80

World Data Center A (WDC - A) Panel: Correspondence, Guide, Reports, & Newsletter (3 folders), 1973-78

Committee on Solar-Terrestrial Research (CSTR): Correspondence Minutes, Reports, & News Release (3 folders), 1968-73

Committee on Space Research (COSPAR) WG II 1970: Correspondence & Research Papers, 1966-70

Panel on Interactions Between The Neutral and Ionized Parts of the Atmosphere (PINIPA): Minutes & Correspondence (3 folders), 1966-67

Sanguine: Correspondence & Summary Statement, 1972

Fox Proposal, 1980

Mt. St. Helens Proposal: Correspondence & Grant Proposal 1980

Upper Atmosphere Research Satellites (UARS) Proposal:

Correspondence, Grant Proposal, Publication & Reports, 1978-80

Spacelab Lidar Proposal

Atmospheric Explorer (AE) Proposal, 1977

Nitric Oxide Proposal, 1979

Fellowship Panel, 1968: Correspondence & Information, 1968

Viking: Publication & Reports, 1969-70

Searchlight: Correspondence, Reports, Reprints & Publication (2 folders), 1964-67

Box 18:

Airglow Photometer Prop, 1966-67

Grant received, 1967

Correspondence

Allerton Retreat, 1986

University Responses to Public Policy Issues

Barium Release: Correspondence, Research Proposal & Reports, 1967-70

Contamination: Correspondence, Reports, & Minutes, 1968-71

Communications, Antennas, and Propagation Affiliates Workshop, 1984

COSPAR (Committee on Space Research), Ottawa, Canada, 1982
COSPAR (Committee on Space Research), Graz, Austria (5 folders), 1984
 Abstracts for contributed papers
 Committee meetings summaries
 Newsletters
 Agendas
COSPAR Panel 4B (Committee on Space Research)
 Business meetings-summaries
 Bowhill-chairman
 Correspondence
 Appointments of new committee members
CSTR(Committee on Solar-Terrestrial Research), Summer Study (2 folders), 1978
 Upper atmosphere study
 Ground-based lidar measurements of the upper atmosphere
 Draft for '78 summer study on ground experiments in the 1980's
 Extracts from the report (Studies in geophysics-the upper atmosphere and megalosphere)
 Position paper for NAS study on ground based CSTR
 Importance of aerosols
 U.S. Research activities relevant to the middle atmosphere program
 Symposium on Global Change(Booklet), 9-25-84
Geophysical Research Satellite Definition Group:
 Correspondence, Minutes, & Reports, 1967
Polar Cap Absorption (PCA) Panel: Correspondence & Research Proposal 1964-66
Group on Antennas and Propagation (GAP) Minutes 1960-64
Merger: Correspondence, Constitution & Bylaws, & Minutes, 1964-68
The Institute of Electrical and Electronics Engineers (IEEE) Field
Strength: Correspondence, Minutes, & Reports, 1963-69 & (1942 Publication)
Chanute Site: Correspondence & Reports, 1971-74
J-5 Ionosonde: Correspondence, Research Proposal & Reports, 1965-72

Box 19:

European Space Agency-Symposium-1980-Bournemouth, U.K.
Fleischman Proposal, 1978
 Grant proposal for laboratory building to house middle atmosphere research activities
 First Draft
 Second Draft
FORML (Forth Modification Laboratory)
 Paper-Conditional Mini-Macro-Assembler for Forth systems, 1981
 Variable-Precision Floating-Point System for Forth
Forth-Seminar, 1982 and 1983
IAGA(International Association of Geomagnetism and Aeronomy), Edinburgh, 1981

IAGA(International Association of Geomagnetism and Aeronomy), Hamburg, 1983
 Germany
 Institute of Electrical and Electronics Engineers, Inc.-Field Strength, 1962-68
 Wave Propagation Standards Measuring Field Strength
 Proposed IRE standards on wave
 "Propagation: methods of measuring field strength, 1962"
 Inter-Union Commission on Solar Terrestrial Physics-Symposium, 1970
 Planning Committee
 Correspondence
 Summaries of meetings
 Mass Spectrometer, 1966
 SCOSTEB, 1985
 SCOSTEP (Special Committee on Solar-Terrestrial Physics), Boulder, 1976
 Solar terrestrial physics Symposium
 Proposed topics
 Sun
 Interplanetary medium
 Magnetosphere
 Atmospheric physics
 Report of the activities of WG-7
 STP Symposium, Innsbruck, Austria (3 folders), 1978
 Correspondence on papers to be delivered at conference
 20th anniversary of earth's radiation belt (discovery)
 COSPAR(Committee on Space Research) (2 folders), 1977-80
 Correspondence
 Abstracts of paper proposals
 Summaries of committee meetings
 Remarks on the future of COSPAR
 Publications by S. A. Bowhill
 COSPAR(Committee on Space Research)-Programs-Correspondence, 1979-82
 COSPAR(Committee on Space Research)-United Nations Report, 1980
 COSPAR(Committee on Space Research, Budapest, Hungary, 1980
 Abstracts of papers to be presented
 correspondence concerning agenda
 "Synoptic Studies of the Middle Atmosphere Using Balloons" by S. A. Bowhill
 Smith, L. G., Professor
 Current and future state of space science
 MAP-Middle Atmosphere Program
 Preliminary questionnaires for intending participants in MAP
 Urbana, Ionosphere Conference Programs, 1963, 1965, 1968, 1971, 1976

Box 20:

Assoc. of Geodesy and Geophysics Union, Fellows, 1980
 American Meteorological Society, Boston, 1978, 1983
 Coherent Radar, Lindau, 1978
 Committee for Coordination of Observable Ground, 1980
 COPAC/ICSU, 1982
 COSPAR, University of Illinois, 1971
 Sao Paulo, 1974
 Varna, 1975
 Bangalore, 1979
 European Space Agency, Bournemouth, 1979-80
 Electrodynamics of Middle Atmosphere, Reston, 1979
 Geophysics Research Board, 1975
 International Union of Geomagnetism and Geophysics/
 International Association of Geodesy and Aeronomy, 1977-80
 Manned Space Station, Logan, 1977
 Manned Space Station, Huntsville, 1979
 Middle Atmosphere Proposal, 1965, 1980
 Middle Atmosphere Program, University of Illinois, 1975-76
 Solar Terrestrial, Guntersville, 1977
 Solar Terrestrial Coupling, Yosemite, 1978
 World Data Center, 1973-75

Box 21:

Professional, Engineers, 1956-60
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 International Scientific Radio Union (URSI) 1957-74
 XIIth General Assembly - Reports, Notes (2 folders), 1957
 XIIIth General Assembly - Reports, Correspondence (2 folders), 1960
 Fall Meeting - Correspondence, 1960
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 Spring Meeting - Program, Correspondence, 1962
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 XIVth General Assembly - Reports 1963
 U.R.S.I., Washington D.C., Spring 1964
 University of Illinois, Fall (2 folders), 1964
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 Dartmouth College, Fall 1965

Symposium, The Netherlands, 1965

Box 22:

U.R.S.I., Washington D.C., Spring 1966
 Stanford University, Fall (2 folders), 1966
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 Geophysics Research Board (GRB) 1974-79
 Committee on Solar Terrestrial Research (CSTR) - Reports,
 Correspondence, Minutes (2 folders), 1974-79

Box 24:

Committee on Space Research (COSPAR) Tokyo 7.1C.7, 1968
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 COSPAR, Prague, 7.1.8, 1969
 COSPAR, Leningrad, 7.1.9, 1970
 COSPAR, Preliminary Correspondence (3 folders), Seattle, 1971
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Inter-Union Commission on Solar-Terrestrial Physics (IUCSTP)
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 IUCSTP, 3.1c-3.1g

IUCSTP, 3.1h-3.1j, 1969
 Summer Study (4 folders), 2.12, 1969
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Box 26:

NASA, SCCC (Space Science Steering Committee)(4 folders), 1967-77
 Correspondence, minutes, agendas, proposals, and reports of the Ionospheres and Radio Physics Subcommittee, Radio and Celestial Mechanics Subcommittee for the Evaluation of Grand Tour Proposals, Missions and Cosmic Dust Section, Planetary Atmospheres Subcommittee, and Particles and Fields Subcommittee
 URSI (International Union of Radio Science) General Assemblies
 Correspondence, reports, programs, budgets, proposals, abstracts, and manuscripts
 Ottawa, 1969
 Warsaw, 1972
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Box 27:

U.R.S.I., Lima, Symposium A Correspondence, 1974
 Proposals and Projects
 "Production, Loss, and Transport of Atmospheric Ionization"
 (National Science Foundation Grant), 1971-77
 "Investigation of Ionospheric Regions to Transient Radio Waves" (Army Research Office Proposal), 1976-77
 U.S. - Japan Cooperative Research Project on Electron Temperature Measurements (NSF Proposal), 1974
 Geller, Marvin A.: NSF Research Initiation Proposal, 1969
 COSPAR: Proposal for a "Sunspot Minimum Ionosphere Rocket Sounding Program", ca. 1963
 CSL (Coordinated Science Laboratory) Proposals, 1962-65
 Penn State and first University of Illinois NSF Proposals, 1960-62
 "Data Logging and Control System for Aeronomy Field Station" (NSF Proposal), 1969
 "Studies of Ionospheric Motions and Chemistry by Ground-Based Remote Sensing" (NSF Proposal), 1969
 GCA Corporation: "Ionosphere Rocket Experiments During Auroral Zone Absorption Events", 1965
 HRB-Singer: "VLF Measurements at Wallops Island", 1964
 Ground Rules (for Grants), 1966
 Sechrist, C.F.: "Investigation of Meteorological and Energetic Particle Influences on the Lowest Ionosphere", 1970-71
 "Forward Thomson Scatter Measurements on the ATS-G Spacecraft" (NASA Proposal),

1969

"Rocket Studies of the Lower Ionosphere During the Solar Eclipse of March 1970" (NASA Proposal), 1968

Proposals for Membership on the NASA Celestial Mechanics and Radio Science Team, 1969

National Science Foundation Grants

GA541: "Study of an Incoherent Backscatter Facility", 1966-69

GA1046: "Engineering Concept Study of a Thomson Scatter Radar", 1967-68

GA4268: "Studies of Ionospheric Dynamics by Thomson Scatter", 1968-69

GA15526: Continuation of GA4268, 1969-70

GA3338: "Application of Pulse Compression Techniques to Ionosphere Sounding", 1962-67

GA14232: Continuation of GA866

GA866: "Study of Production and Loss Processes for Atmospheric Ionization", 1962-67

GA868: Continuation of GA866, 1967-70

"An Airglow Photometer" (NSF Proposal), 1966-69

"Studies on Ionospheric Drifts and Anisotropy of Irregularities", 1965-66

Box 28:

GCA Corporation, Bedford, MA Proposal 4304-5-01, 1966

4131-5-01B, 1966

4655-5-01A, 1967

4655-5-01, 1967

901A-5-01, 1964

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Rocket Studies of the Lower Ionosphere (NASA/GCA), 1963-64

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Dorne & Margolin, Inc.,(Bowhill was a Director of a NASA Supplier), 1962

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Incoherent Scatter Panel - Draft Reports (2 folders), 1970
Incoherent Scatter, Correspondence, Papers, Notes (2 folders), 1969-72
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Stanford Research Institute Correspondence & Reports, 1970-72
Grant Proposal for Nat'l. Science Foundation, 1970-75
U.A.O. Advisory Committee Meeting Minutes and Reports (2 folders), 1970-71
U.A.O. Draft & Final Minutes, Agendas, Correspondence (2 folders), 1970-73
Feasibility Studies and Correspondence (2 folders), 1967-69
Feasibility Studies and Correspondence (2 folders), 1968
Correspondence, Grant Proposals, Notes (2 folders), 1965-67
Thomson Scatter Radar Proposal to N.S.F. (2 folders), 1963-68

Box 31:

Thomson Scatter Questionnaire and results, 1967
Thomson Scatter Correspondence and report, 1967-69
Dicke Committee correspondence, 1966-67
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C.I. C. Site Survey (with photographs), 1967-68
Upper Atmosphere Observatory Design Study (2 folders), 1973-75
Upper Atmosphere Observatory Site Survey, 1971-74
Upper Atmosphere Observatory Design (2 folders), 1971-73
Thomson Scatter Grant Proposals to N.S.F., 1966-68
International Association of Geomagnetism and Aeronomy (IAGA) (3 folders), 1967-69
European Space Research Organization, 1967
E.S.S.A./A.R.P.A. Symposium on Acoustic-Gravity Waves, 1968
Roederer Correspondence, 1968
Meeting Announcements, Notes, 1968-70
Sporadic-E Seminar, 1967-68

Box 32:

Brazil Eclipse Symposium, 1968

Tokyo, Atmospheric Electricity Symposium, 1968
 Ahmedabad, India Third International Symposium on Equatorial Aeronomy, 1969
 Conference of IUCSTP (Inter-Union Commission on Solar-Terrestrial Physics) For the International
 Years of the Active Sun, London, 1969
 N.A.T.O. Advanced Studies Institute on Solar Eclipses and the Ionosphere, Athens, Greece, 1969
 Acoustics Conference, El Paso, Texas 1969
 Commission of Atmospheric Chemistry and Radioactivity (CACR) of the International Association
 for Meteorology and Atmospheric Physics (IAMAP), Heidelberg, Germany, 1969
 Third Arizona Conference on Planetary Atmospheres, Kitt Peak National Observatory, 1969
 Centre de Recherches sur les Atomes et les Molecules (CRAM) Colloquium on "Processes of
 Importance to the Stratosphere and Mesosphere", Quebec, Canada, 1969
 International Association of Geomagnetism and Aeronomy (IAGA), Program and Abstracts for the
 General Scientific Assembly, Madrid, Volumes I, II, III, and IV, 1969
 Transactions of the General Scientific Assembly Madrid, 1969
 International Union of Geodesy and Geophysics (IUGG) XV General Assembly, Moscow, 1971
 Conference on Theoretical Ionospheric Models Pennsylvania State University, 1971
 The Royal Society's British National Committee on Space Research - Discussion Meeting on the
 Lower Ionosphere, 1969
 Sporadic E. Conference - Utah State University, 1971
 ISIS II Satellite meeting, Toronto, 1972
 Troms; Norway, Conference on Incoherent Scatter, 1973
 Evaluation of Centre for Radio Science at the University of Western Ontario, 1973
 International Conference on Radio propagation in Natural Media (Marconi), Florence, 1974
 Conference on the Upper Atmosphere, Atlanta 1974
 Boulder, E-Region Conference, 1974
 Grenoble, XVI General Assembly of the International Union of Geodesy and Geophysics (IUGG),
 1974
 Bryce Mountain, AE Symposium, 1976
 Logan, Utah Stratosphere and Related Problems, 1976
 COSPAR (Committee on Space Research), 1961
 COSPAR, 1962
 COSPAR, Warsaw, 1963
 COSPAR, Rome, 1963
 COSPAR Correspondence, 1962-63

Box 33:

COSPAR, Florence, 1964
 COSPAR, Argentina, 1965
 COSPAR, Argentina, 1965
 COSPAR, Vienna(8 folders), 1966
 1967 IQSY (International Year of the Quiet Sun)/COSPAR Assemblies (London)

PTGAP (Professional Technical Group on Antennas & Propagation), 1963-64
IEEE 1965 International Antenna and Propagation Symposium, Washington, D.C. (GAP Symposium)
GAP Symposium, 1964
IEEE 1966 International Antennas and Propagation Symposium, Palo Alto, CA (GAP Symposium)
Antennas & Propagation Administrative Committee, 1966
IEEE 1967 GAP International Symposium, University of Michigan, Ann Arbor

Box 34:

NASA University Program Review Conference, Kansas City, 1965
NASA Charged Particles, Symposium on Atmospheric Interactions and Space Physics
Sporadic E. Seminar at Estes Park, 1966
Sporadic E. Seminar, 1965-66
IEEE International Convention Digest, 1968
IEEE, March 1964, 1966-67
Symposium on the Plasma Sheath, Boston, Fall 1959
The Physical Society, Cambridge, 1949-1954
VLW (Very Low Frequency) Symposium, Spring 1957
International Symposium on Fluid Mechanics in the Ionosphere, Cornell, Summer 1959

Symposium on Physical Processes in the Sun - Earth Laboratory, Ottawa, Ontario, July 1959
 Conference on Transmission Problems Related to High Frequency Direction Finding UCLA,
 Summer 1960
 Working Session on D-Region Program Plans, Washington, D.C. November 1960
 NATO Advanced Study Institute on Electron Density Profiles in the Ionosphere and Exosphere,
 Norway, 1961
 ARS (American Rocket Society) Space Flight Report to the Nation
 International Conference on Electrical Engineering Education, Sagamore, 1961
 International Conference on the Ionosphere, London, Summer 1962
 WESCON(Western Electronic Show & Convention), San Francisco, 1961
 Symposium on Electromagnetic Theory & Antennas, Copenhagen, 1962
 Symposium on the Ionospheric Propagation of Very Low Frequency Electromagnetic Waves,
 Boulder, VLF 1963
 IEEE Convention, New York, 1963
 Space Research Summer Study, Space Science Board, National Academy Sciences (5 folders),
 Woodsole, 1965
 Symposium on the Cause & Structure of Ionospheric Sporadic E., Boulder, 1965
 Sporadic E. Papers (2 folders), 1966
 IQSY, INCOSPAR (Indian National Committee for Space Research, India 1965
 COSPAR Panel on Synoptic Rocket Soundings (Blamont Panel), 1962
 Solar Eclipse Workshop, IIT, Chicago, 1965
 The Inter-Union Symposium on Solar-Terrestrial Physics, Belgrade, 1966

Box 35:

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