

Record Series Number



11/6/24
Engineering
Electrical Engineering
Ladislas Goldstein Papers, 1947-1972

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Attenuator Tubes - Curves, 1950-51
Graphs and Report on Gas, 1949-51
Plasma Oscillations Resume, Dec. 1951
Etter
Reports on, 9/1/52-2/28/53
A.A. Dougal
The Competition of the Destruction Processes of the Metastable Atoms Excited in Gaseous Mixtures, Coates and Christoffers, 1952-53
Interaction of Microwaves Propagated through Gaseous Discharge Plasma, Physics Review, April 1, 1953
Empty folder
S.C. Brown and M.A. Biondi Technical Reports, 1947-48
Propagation through Electron Gases - Kerr Effects, George L. Clark, ca. 1952
Plot of Ramsauer's Curve, 1954, Neon - 3 mn. Hg.
URSI - 1954 Meeting, Washington D.C. and M.I.T., 1954
Watson Laboratory - Contract equipment, 1954
Noise Problems, Plasma, 1949
Margenau's Reprints, 1959
Pfister, Wolfgang, Geophysics Laboratory, 1958-59
Air Force - Cambridge Research Center
Prof. Cutolo and "airglow," rocket instrumentation and ionospheric research
Correspondence, 10/25/51-12/21/53
1/4/54-6/1/55
Henry Margenau (Sloane Physics Laboratory, Yale)
6/7/55-8/7/57
E. Picault (Sous-Commission IIIb URSI)
11/2/58-6/30/59
summer, 1956
European travel and conferences, summer, 1956
Requests for reprints, 1956-61
Yokoyana Masahiro - 1963, report on scattering
Correspondence, 1960
1962
1963
Paris, Sabbatical, 1964-65
(many letters from colleagues at GEL re: work in progress)
Correspondence, 1964
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Advisory Committee, Doctoral students, 1952-59
Afterglow Quenching, correspondence and associated texts, 1953
Air Force Cambridge Research Center, 1956-59
A.A.U.P., 1957
American Institute of Physics, 1958
Bailey, V.A., Professor, 1954-57
Battelle Memorial Institute, Light Sources and Arc-light Problem, 1955-56
University of California, 1958
Gaseous Electronics Conferences, Oct. 31-Nov. 3, 1956, Pittsburgh, Pa.
Oct. 20-22, 1955, Schenectady, N.Y.
Oct. 14-16, 1954, New York City
Oct. 22-25, 1958, New York City
C.L. Chen, 1959
Electrical Engineering Department Research Committee, 1955-56
F - Misc., 1958
Guggenheim Memorial Foundation, John Simon, 1958
Electrical Engineering Dept. of U. of I., Staff notices & Matters, 1957-59
Graduate Committee, 1952-57
Heat Propagation Plasmas, first picture, Feb. 1957
High Altitude and Space Flight Project, 1955
Institute of Radio Engineers, 1954-56

Box 2:

L - Misc., 1958
Laboratory Reports - Sept.-Dec., 1956
 Gaseous Electronics
F. Magistrelli-Comitato Nazionale Ricerche Nucleari, 1958
National Academy of Sciences, 1958-60
National Science Foundation, 1955-59
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Parking, University, 1958
Parzen, Philip, 1958
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Research Advisory Group (E.E.), 1952
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Sigma Xi, 1957

Sperry Gyroscope Co., 1958
Proposal for the Analysis of an Ionized Shock Front, 1960
W - Misc., 1957-58
Plasma Project Extension, 1958
Hot Plasma Project-equipment, 1959
Purchases on contracts, 1959-60
NONR 1834 (08), 1957
Quarterly Reports - drafts, 1959
General Instructions - contracts, 1957-60
Mercury Lamp Information (from Prof. Kraehenbuel's files), ca. 1952
Air Force Cambridge Research Center Conference on Optical Pulse Ranging (light), Jan. 12-13, 1956
Proposal Geophysics, Prof. Deschamps, 1959
Air Research and Development Command, 1958-61
Wright Air Development Center, 1957-60
AF18(600)-23, 1952
SC-73150, correspondence and proposals, 1957-60

Box 3:

Miscellaneous Proposals, 1949-66
L.L. Bibbin's work, 1950, on propagation through plasma-filled waveguides
AF19(122)-5 proposal for extension, 1952
AF19(604)-524, 1955-57
SC-52670, correspondence, proposals, 1952-57
SC-73150, letter reports, 1955-59
AF18(600)-1018, 1956-57
AF-2152, correspondence, proposals and budgetary matters, 1956-61
Equipment - diagrams and specifications, ca. 1951

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A - General, 1959-63
Academic Press, 1962-70
Advances in Electronics, 1953-59
Advisor to Graduate Students, 1961-64
Aeronautical Research Laboratories, Wright Field, 1961
Aeronomy Conference, U. of I., 1968
Aerospace Research, Office of, 1964
American Institute of Physics, 1964-69
Annual Review of Electronics, 1969
Argon Ion Laser Study, 1970
Armour Research Foundation of I.I.T., 1960

Associated Midwest Universities (AMU), 1962-63

Atomic Energy Commission (AEC), 1966-69

Atomic Energy Commission of France, 1960-65

B - General, 1960-65

Bailey, V.A. (Professor), 1949-61

Battelle Memorial Institute, 1959

Bhattacharya, A.K., 1969-70

Books (list of) in discharge, ca. 1950

Budget, 1960-61

BUILD program, 1966-68

C - General, 1959-71

California, University of, 1958-66

Civil Service Employees, 1965-68

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Columbia University, 1965-69

Contracts:

N.A.S.A. NGR 14-005-037, 1964-68

AF 2152, AF 5248, AF 1584, 1962-71

AF 3307 (ended July 31, 1966), 1963-67

AF 7473 (ended 8/63), 1960-63

AF 19(628) 2391, 1959-70

AF 33(615) 5248 and AFOSR 1584, 1968-72

Proposal to NSF for experimental studies of cryogenic plasmas, 1969

AMC 00094(E), 1964-67

AF Cambridge Research Center, S.B. Herskovitz, 1959-70

ARO G-582, 1964-67

Convair, 1959-61

D - General, 1961-72

DDC (Defense Documentation Center), 1963-64

Deferments, students, ARmed Forces, 1966-69

Delcroix, J.L., 1960-62

Diamagnetic Moment Letter

Division of Plasma Physics, 1961

Drucker, Dean D.C., correspondence, 1969-72

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F - General, 1960-62
Ferraro, V.C.A., 1963
G - General, 1960-71
Gaseous Electronics - Seminar
Gaseous Electronics Conference, Hartford, Conn., 1970
Information, Reports and Personnel, 1963-66
Lab. Description, 1958-59
Gaskell-Discharge Experiments, 1951
General Electric Co., 1960-70
General Motors, Visitors, 1963
Goldstein, L., Personal Data, 1951-72
Goldstein, L., Reprints, 1939-69
Graduate Advisors, 1964-69
Graduate Studies, M.S. thesis, 1963-64
Graduate Students, 1962-64
Guggenheim (John Simon) Memorial Foundation, 1959-69
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Hwa, Rudolph C., 1958-62
Industrial Affiliates, 1968-72
IEEE, 1966-69
6th International Conference on Ionization Phenomena in Gases, 1963
Institute for Defense Analysis, 1962
Institute of Henri Poincarè, 1960
Institute of Radio Engineers, 1959-62
J - General, 1960-69
John Wiley & Sons, 1964-65
Journal of Applied Physics, 1962-72
Editorial Board, 1969-72
Journal of Chemical Physics, 1961
K - General, 1959-63
L - General, 1959-62
Leiby, Clare C., 1961-66
Lockheed, 1961-64
M - General, 1959-67
M.I.T., 1959-71
Margenau, Henry, 1960-63
(Project) Matterhorn, Princeton University, 1959-61

Mc - General, 1960-63
McGrath, Lawrence, 1957
Meetings, 1963-69
Merkelo, Henry, 1968-71
Morikawa, Prof. reprints, 1967-68
N - General, 1959-66
NASA, J.F. Morris, 1961-69
National Academy of Sciences, 1959-70
National Research Council - Canada, 1965

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N.S.F., 1953-70
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N.S.F., grant 10068, exp. 10/14/70
Proposal for N.S.F. grant renewal - 1970
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New York University, 1960-63
Nuclear Engineering, 1966-71
O.N.R., proposals, correspondence, reports, 1969-72
O.N.R., financial statements, 1970-72
Ohio, State University, 1961-63
Orsay, University of paris, 1967-68
Orsay, University of Paris, May 1968, Student Strike Literature
Osaka University, 1965-70
Oxford Conferences, 1953, 1971
P - General
PGMIT Symposium, 1960
Parking, University, 1960-71
Patents, 1963-69
Penn State University, Prof. H.D. Rix, 1958-61
Personnel, Active, 1958-71
 Inactive, 1959-71
Pfister, W., Geophysics Research Division, 1959
Physics Department matters, 1959-71
Physics Library, 1964
The Physics of Fluids, 1965-66
Physical Review, 1959-72
Physical Society, 1963-69

Plasma Symposium, 1961
Pollution, Environment, 1970
Polytechnic Institute of Brooklyn, 1960-66
Preprints, ca. 1968
Proposals, 1962-69
Proposal, sonic boom, 1968-69
cryogenic plasma, 1969

Box 7:

Proposal, quenching of afterglow, 1969
Proposals, pending, 1969
Prospective Students and Members of Laboratory, 1953-72
Purdue University, 1958-61
Q - General, ca. 1966
Quantum Electronics Conference, 3rd, Paris, 1963
R - General, 1959-63
Radiation Committee, 1959-63
Radio Astronomy Satellite's Results (I.G.Y.), 1958
Referee Reports, 1963-72
Rensselaer Polytechnic Institute, 1960
Reports from other laboratories, 1961-64
Requisitions, 1964-65
Research and Education, 1970-71
Research in Laboratory, statistics on, 1952-63
Review of Scientific Instruments, 1961
Robinson, Dr. L.C., 1964-70
Rome Air Development Center, Griffiss A.F.B., 1959-62
S - General, 1959-68
Saclay, Centre D'Etudes Nucleaires, 1962-69
Salzburg Conference, Sept. 4-9, 1961
Sandia Corporation, 1968-69
Scientific articles published by G.E.L. staff, 1962-70
Sekiguchi, Tadashi, 1958-70
Senate, University of Illinois, minutes and reports, 1966-69
Service Group salaries and allocations, 1961
Shock waves, photographs, 1959
Sigma Xi, 1955-71
Sindel, S.P.A., Prof. A. Gilardini, 1959-60
Sloan Foundation
Solin, J., 1971
Space Technology, 1959-62

Sperry Gyroscope Co., 1960-62
Springer-Verlag, publishers, 1969
Stanford University, 1959-66
Surdin, M., 1959-61
Sylvania, 1960
Symposium on the Engineering Aspects of Magnetohydrodynamics, 1959-62
T - General, 1959-63
Taillet, J., 1961
Takeda, S., 1960-70
Travel, plans, schedules and vouchers, 1958-69
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U.S. Naval Research Laboratory, 1966
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