



Cool (Rodney L.) papers

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Summary Information

| | |
|----------------------------------|---|
| Repository: | Rockefeller Archive Center |
| Creator: | Rockefeller University |
| Creator: | Rockefeller Institute for Medical Research |
| Creator - aut: | Cool, Rodney L. |
| Title: | Rodney L. Cool papers, Rockefeller University Faculty |
| ID: | FA154 |
| Date [inclusive]: | 1948-1988, undated |
| Physical Description: | 10.6 Cubic Feet |
| Language of the Material: | English |

Preferred Citation

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Biographical/Historical note

Rodney L. Cool, 1920-1988. Physicist.

Dr. Rodney L. Cool, an experimental physicist whose research helped to establish the existence of the subatomic particles called quarks, was a professor of high-energy physics at The Rockefeller University.

Born in Platte, South Dakota, on March 8, 1920, Dr. Cool received a B.S. degree from the University of South Dakota in 1942, and an M.A. and Ph. D. from Harvard in 1947 and 1949, respectively. He attained the rank of major in the Army Signal Corps in World War II and was awarded a Bronze Star. He joined the Brookhaven National Laboratory in 1949 as a research physicist and was appointed department chairman of high energy physics in 1960, assistant director in 1964, and associate director in 1966.

In 1970, Cool established an experimental physics group at RU to plan experiments conducted at the European Center for Nuclear Research (CERN), where he also did research. In later years, Cool investigated the detailed properties of the strong force that binds together quarks.

Dr. Cool died on April 16, 1988 of cancer.

Notes : Member-National Academy of Sciences, Fellow-American Physical Society, Chairman-Physics Advisory Committee-FERMILAB Chairman-High Energy Advisory Committee-Brookhaven National Laboratory, Review Committee-Argonne Universities Association, Princeton-Pennsylvania Accelerator Science Committee, Advisory Panel for Physics of the National Science Foundation, High Energy Physics Advisory Panel of the Atomic Energy Commission, Walker Panel Committee on Science and Public Policy-NAS, Associated Universities High Energy Panel-Associated Universities, Inc., Trustee-Universities Research Association, Scientific Associate-CERN, Phi Beta Kappa, Sigma Xi.

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Arrangement note

Arrangement by subject.

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File Plan note

Former Classification: I 450 C776-U

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Administrative Information

Publication Statement

Rockefeller Archive Center

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URL: <http://www.rockarch.org>

Revision Description

Paper finding aid converted to EAD/XML by AureXus in 2010. Imported into the Archivists' Toolkit by Becky Robbins. 24 August 2010

Conditions Governing Access note

This collection is open for research. Correspondence in box 12 is restricted. Consult archivist.

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Controlled Access Headings

- Physics
- Nuclear physics
- Rockefeller University
- Rockefeller Institute for Medical Research
- Cool, Rodney L.

Physical Characteristics and Technical Requirements

Materials requiring specialized equipment for access (film, audio, video, slides) may be closed to research dependent on availability of the applicable equipment

Brittle or damaged items, or materials otherwise in need of preservation care, may be closed to researchers at the discretion of the RAC Head of Archival Services/Head of Reference.

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Collection Inventory

| Title/Description | Instances |
|--|-----------|
| Reprints, 1948-1987 | |
| <u>Physical Description</u> : 0.8 Cubic Feet | |

Scope and Contents note

Includes reprints of Cool, Konstantin Goulianos, and other laboratory members.

Arrangement note

Arranged in chronological order.

Scope and Contents

There is a note in the paper finding aid that there are reprints in box 12.

| | |
|-----------|-------|
| 1948-1962 | box 1 |
| 1948-1970 | box 2 |

Correspondence, 1961-1988

Physical Description: 0.4 Cubic Feet

| | |
|-----------------------------------|-------|
| General Correspondence, 1961-1971 | box 2 |
|-----------------------------------|-------|

Arrangement note

Arranged in chronological order and by subject.

| | |
|---------------------------|--------|
| Correspondence, 1969-1988 | box 12 |
|---------------------------|--------|

Arrangement note

Arranged in chronological order and by subject.

Conditions Governing Access:

Conditions Governing Access

Restricted from scholarly access.

Panels & Committees, undated

Physical Description: 3 Cubic Feet

Scope and Contents note

Includes correspondence, memos, papers, and reports.

Subjects include AUI High Energy Physics Panel, High Energy Physics Advisory Panel, NAS Panel on Elem. Particle Physics, NASA, NSF Physics Panel, Princeton-Penn Science Committee, and SLAC.

Arrangement note

Arranged in original order.

| | |
|--|-------|
| MIT-Physics Progress Reports - Laboratory of Nuclear Science | box 2 |
|--|-------|

| | |
|--|--------|
| HEPAP - High Energy Physics Advisory Panel, 1969-1971 | box 3 |
| HEPAP, 1967-1968 | box 4 |
| NAS - Physics Survey Committee - Panel on Elementary Particle Physics, 1963-1964 | box 4 |
| AUI - High Energy Physics Panel, 1968 | box 5 |
| Division of Particles and Fields | box 5 |
| High Energy Discussion Group | box 5 |
| NSF - Physics Panel. Northwestern University | box 5 |
| Princeton-Penn Science Committee | box 5 |
| Organizing Committee of Particle Physics Society/Advances in High Energy Physics | box 5 |
| Elas & Incl. Working Papers | box 5 |
| Carnegie-Mellon University | box 5 |
| Harvard Visiting Committee | box 5 |
| NASA | box 5 |
| SLAC | box 5 |
| CERN (European Center for Nuclear Research), undated | box 6 |
| <u>Physical Description:</u> 1 Cubic Feet | |
| Arrangement note | |
| Arranged in original order. | |
| NAL, undated | box 7 |
| <u>Physical Description:</u> 1 Cubic Feet | |
| Arrangement note | |
| Arranged in original order. | |
| RU, NSF, BNL, URA, NAS, 1959, undated | |
| <u>Physical Description:</u> 1 Cubic Feet | |
| Arrangement note | |
| Arranged in original order. | |
| RU, NSF, BNL, URA, NAS, 1959, undated | box 8 |
| BNL, 1959 | box 13 |
| Notebooks, 1952-1959, undated | |
| <u>Physical Description:</u> 1.6 Cubic Feet | |
| Notebooks | |

| | |
|--|--------|
| <u>Physical Description:</u> 1.6 Cubic Feet | box 9 |
| Notebooks | box 10 |
| Notebooks, 1952-1959, undated | box 12 |
| Notebooks, undated | box 13 |
| Subject Files, undated | box 10 |
| <u>Physical Description:</u> 0.3 Cubic Feet | |
| Arrangement note | |
| Arranged in original order. | |
| Conferences and Seminars, undated | box 10 |
| <u>Physical Description:</u> 0.5 Cubic Feet | |
| Arrangement note | |
| Arranged in original order. | |
| Project Files; Lecture Notes, 1950-1988, undated | box 11 |
| <u>Physical Description:</u> 1 Cubic Feet | box 12 |
| Arrangement note | |
| Arranged in original order. | |
| <u>Accruals:</u> | |
| Accruals | |
| Addition 1989 January 12. | |
| Journal Articles, 1979-1987 | box 12 |
| Correspondence, 1969-1988 | box 12 |
| <u>Conditions Governing Access:</u> | |
| Conditions Governing Access | |
| Restricted from scholarly access. | |