

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

15 Dayton Avenue
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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
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Arrangement note

Arranged in chronological order and by subject.

Correspondence, 1969-1988	box 12
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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
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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.	