SPECIAL COSMOTRON ISSUE

The September 1953 issue of the REVIEW OF SCIENTIFIC INSTRUMENTS is devoted to a series of articles on construction and operation of the Brookhaven Cosmotron. The articles are written by those who designed, built and are now operating the Cosmotron. The issue will include the following articles:

THE MAGNET

Part I —Design
Part II —Magnetic Measurements
Part III—Mechanical Design, Fabrication & Erection
Part IV —Testing Program
Part V —Coil
Part VI —Power

Authors: J. P. BLEWETT, M. H. BLEWETT, G. K. GREEN, W. H. MOORE, L. W. SMITH, R. KASSNER, R. A. MEYER, J. M. KELLY, J. A. KOSH, M. S. LIVINGSTON, E. E. SHELTON.

THE POLE-FACE WINDINGS

Part I —Design
Part II—Fabrication

Authors: J. P. BLEWETT, M. H. BLEWETT, L. W. SMITH, J. J. MEDE.

THE R-F SYSTEM

Part I —Design Principles
Part II —Frequency Control
Part III—Power Amplifier
Part IV —Accelerating Unit
Part V —Properties of Ferrites

Authors: J. P. BLEWETT, E. J. ROGERS, C. E. SWARTZ, M. PLOTKIN, L .C. L. YUAN, M. H. BLEWETT.

THE INJECTION SYSTEM

Part I —Injection Optics
Part II—Van de Graaff Injector

Authors: J. G. COTTINGHAM, E. J. ROGERS, C. M. TURNER, W. H. MOORE.

THE VACUUM SYSTEM

Part I —Vacuum Chamber
Part II—Pumping System

Authors: D. D. JACOBUS, I. J. POLK, D. KASSNER, C. LASKY.

THE CONTROL SYSTEM

Part I —Central Control & Wiring
Part II —Master Timer
Part III—Peakers
Part IV —Pick-Up Electrodes

Authors: G. K. GREEN, R. KASSNER, E. W. DEXTER, E. J. ROGERS, C. E. SWARTZ.

Eddy Current Phenomena in the Cosmotron, M. H. BLEWETT.

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We hear that..

Albert Applebaum has been named to head the newly formed nonlinear circuitry research branch of the Physics Research Department at the Naval Ordnance Laboratory. He joined NOL in 1948 and has worked on missile guidance systems and other projects involving VHF and microwaves.

Harold J. Bernstein, of the National Research Council, Canada, division of pure chemistry, has been made a fellow of the Royal Society of Canada. **J. T. Henderson,** of the Council's division of physics, has been made honorary treasurer of the Royal Society.

C. Paul Boner has been appointed dean of the Unisity of Texas. Associated with the University for 34 years, Dr. Boner has served as director of the University's Defense Research Laboratory, and as dean of the College of Arts and Sciences. He was associate director of the Harvard Underwater Sound Laboratory during World War II.

Sir Lawrence Bragg, Cavendish Professor of Experimental Physics at Cambridge University since 1938, has been appointed Fullerian Professor of Chemistry, resident professor, and director of the research laboratories at the British Royal Institution.

Robert G. Breckenridge has been appointed head of the physics branch of the Physical Sciences Division, Office of Naval Research, in Washington, D. C. Dr. Breckenridge was formerly chief of the solid state physics section of the National Bureau of Standards.

Gordon Dean, former chairman of the United States Atomic Energy Commission, has become associated with the investment banking firm of Lehman Brothers. Prior to his appointment as chairman of the AEC Mr. Dean had served as assistant U. S. Counsel at the Nuremberg trials and, immediately before his appointment in July, 1950, as professor of law at the University of Southern California.

Albert S. Eisenstein of the University of Missouri and **Conrad Longmire** of the Los Alamos Scientific Laboratory will be visiting professors of physics at Cornell University for the 1953–54 academic year. Dr. Eisenstein will teach in the advanced laboratory and do research in solid state physics; Dr. Longmire will teach a graduate course in theoretical physics, as well as do research in Cornell's Laboratory of Nuclear Studies.

Willard Geer, associate professor of physics at the University of Southern California, has been appointed a consultant on color in TV and military applications

at the Hoffman Radio Corporation and the Hoffman Laboratories, Inc., Los Angeles.

Gordon E. Gross, formerly with Libby-Owens-Ford Glass Company, and **Lawrence L. Rosine,** from the Missouri State School of Mines, are now with the physics division of Midwest Research Institute in Kansas City, Missouri.

R. Hilsch, director of the Erlangen Physical Institute in Germany, has accepted the chair in physics at the First Physical Institute, Göttingen.

Howard B. Hutchinson, lately retired from the U. S. Navy after 30 years service, has joined the Stanford Research Institute as a staff physicist.

Lloyd G. Lewis has been promoted to section head in the physics division of the engineering research department of Standard Oil Company (Indiana). Dr. Lewis, who joined Standard Oil in 1950 after having taught at Princeton University, will supervise the division's electronic instrument research program.

Thomas E. Lynch and **William P. Short** have been appointed vice-presidents at the Clevite-Brush Development Company of Cleveland. Mr. Lynch will continue as director of ordnance products development; Mr. Short will direct piezoelectric and sonic products development.

David I. Macht of Baltimore has become the third American scientist to be honored with membership in the Royal College of Pharmacy of Madrid. Dr. Macht was selected for his contributions in pharmacology and phyto-pharmacology.

Joseph Morgan, professor of physics and director of the engineering program at Texas Christian University, has been named chairman of the division of the natural sciences.

M. L. E. Oliphant, postwar director of the Research School of Physical Sciences in the Australian National University at Canberra, has been named acting vice-chancellor of the University.

Robert Rinehard, professor of mathematics at Case Institute of Technology, and **Jacinto Steinhardt,** director of the Navy's Operations Evaluation Group, have been named president and vice-president, respectively, of the Operations Research Society of America. Other officers of the Society are **John B. Lathrop,** of Arthur D. Little, Inc., secretary, and **Alfred N. Watson,** of the Curtis Publishing Company, treasurer. The Society was formed last year and now has a membership of approximately 500 scientists.

Norman Rostoker, former research physicist at Carnegie Institute of Technology, has been appointed a full physicist at Armour Research Foundation of Illinois Institute of Technology.

Harold L. Stolov has been promoted from instructor to assistant professor of physics at the New Jersey College for Women, Rutgers University.

Chen Ning Yang is a newly appointed member of the Brookhaven National Laboratory accelerator department.

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