WE HEAR THAT...

Harold T. Byck, chairman of the information and exhibits division for Oak Ridge Associated Universities, has retired from the association.

Former manager of the aeronautics programs office at NASA, Richard M. Head, has become chief scientist in the electronics research center.

Scientific-Atlanta Inc announced the appointment of W. James Trott as a principal scientist. Trott was with the underwater sound-reference division of the Naval Research Laboratory, Orlando, Fla.

New additions to the department of physics and astronomy at the University of Georgia are Sylva Shubert and Billy Joe Henderson as visiting assistant professors and Charles Uzes as assistant professor.



Chief of the laboratory astrophysics division of the National Bureau of Standards Lewis M. Branscomb has been elected chairman of the Joint Institute for Laboratory Astrophys-

BRANSCOMB oratory Astrophysics (JILA). In addition Peter Bender, John Cooper, David Hummer and Ludwig Oster were elected to the executive committee of the fellows at JILA.

Irving Weiman, manager of the microdata operation at Electro-Optical Systems, has been elected a vice-president of the company.

Neville A. Williams, formerly at New College in Sarasota, Fla., has been appointed assistant professor at the University of West Florida, Pensacola.

Maurice Griffel, formerly at the University of Pennsylvania in the biophysics and physical biochemistry department, has been appointed director, division of professional education at the State Education Department, University of the State of New York in Albany.

John R. Herman, a senior scientist

with the Lowell Technological Institute Research Foundation, has been elected to membership in Commission Three of the International Scientific Radio Union (URSI). Commission Three is concerned with study and effects of the ionosphere on radio waves.



The American Vacuum Society has elected Paul A. Redhead president for 1968. He is head of the electron-physics section of the National Research Council, Ottawa, Canada. The

REDHEAD tawa, Canada. The president-elect is James M. Lafferty of General Electric Research and Development, Schenectady.

Promotions at United Aircraft Corp include Russell G. Meyerand Jr to director of research, Harlan D. Taylor to manager of physics laboratories, Anthony J. DeMaria to senior principal scientist in the quantum-physics laboratory and George B. Yntema to senior principal scientist for low-temperature and metal physics.

Louis W. Roberts, former president of Elcon, has been appointed chief of the microwave laboratory at the electronics research center, NASA.

Perkin-Elmer Corp has named **Robert E. Hufnagel**, former branch chief of research in the electroöptical division, as director of research of the optical group.

Louis B. Werner has been promoted from director of research to general manager of the Palo Alto Laboratories of Isotopes, Inc.

Herman Postma has become director of the thermonuclear division at Oak Ridge National Laboratory.

Korad Corp has named Clayton D. Zerby, former head of the defense and space systems department at Union Carbide Corp, general manager.

Hans J. Oser, former chief of the mathematical-physics section, National Bureau of Standards, has been named head of the new systems-dynamics section of the NBS applied-mathematics division.

North American Philips Co has named Donald D. King director of research at Philips Laboratories. He has been director of the electronics research laboratory of the Aerospace Corp.

Roscoe L. Bloss has been named chief of the vibration-measurements section, mechanics division, of the National Bureau of Standards. He has been a physicist in the engineering-mechanics section.

Albert D. Wheelon, vice president of engineering at Hughes Aircraft Co, has been appointed to a four-year term on the Defense Science Board, the scientific advisory board to the Department of Defense.

Donald E. Johansen, formerly with Sylvania Electronic Systems, has been named head of the control-systems department at Signatron Corp.

Technical Operations Inc has promoted George E. Parrent Jr to vice president and general manager of its physical-sciences division. He was director of research in the division.

Frank Schroeder Jr, formerly of the National Reactor Testing Station at Idaho Falls, has been appointed deputy director of the AEC division of reactor licensing.

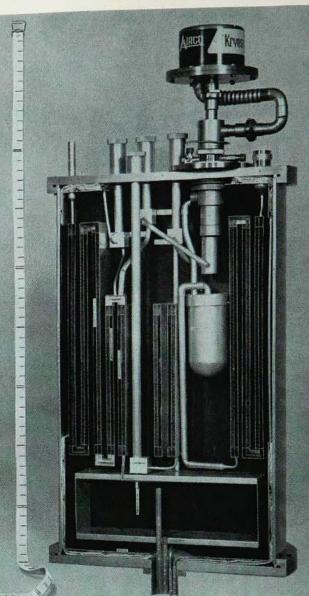


John M. Hill, a member for production of the United Kingdom Atomic Energy Authority, has been appointed as chairman of the authority. He succeeds Lord William Pen-

ney, who retired to become rector of Imperial College.

Arthur J. Greenfield, Marshall Luban and Nathan Wiser have been appointed associate professors at Bar-Ilan University in Ramat-Gan, Israel. Luban, who has been named chairman, was a Guggenheim fellow on leave from the University of Pennsyl-





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vania; Greenfield was at Bell Laboratories and Wiser was at the IBM Watson Research Center.

Fitch and Cronin Share 1967 Research Corporation Award

For their demonstration that the combined symmetry of parity and charge conjugation (the "CP rule") is not a universal symmetry law, Val L. Fitch and James W. Cronin have won the 1967 Research Corporation Award. Given for outstanding achievements by scientists who have not already been accorded major honors, the award consists of a plaque, citation and \$5000 honorarium.

The Princeton professors found that a small percentage of K_2^0 decays produced a π^+ and a π^- , which is a direct contradiction of CP invariance for weak interactions. It also appeared that time-reversal invariance may be violated. The discovery of CP violation (PHYSICS TODAY, October 1964,



CRONIN AND FITCH

page 82), probably the most exciting new development in elementary-particle physics in the past few years, has stimulated theoretical and experimental activity enormously.

APS Gives J. R. Schrieffer Buckley Solid-State Prize

The American Physical Society has chosen J. Robert Schrieffer as the recipient of the 1968 Oliver E. Buckley Solid-State Physics Prize. A professor at the University of Pennsylvania, Schrieffer receives the prize for his contribution to many-body theory and its application to the interpretation of experiments on superconductivity. Bell Laboratories sponsors the prize which is being awarded at the APS meeting in Berkeley this month.

APS High-Polymer Prize To Arthur V. Tobolsky

The American Physical Society High-Polymer-Physics Prize, sponsored by the Ford Motor Company, goes to Arthur V. Tobolsky at the APS meeting in Berkeley this month. The award cites his contributions to the understanding of viscoelastic behavior of polymers, especially stress relaxation. Tobolsky is Higgins Professor of chemistry at Princeton.

R. G. Herb Is Winner of 1968 Tom W. Bonner Prize

The American Physical Society will present the Tom W. Bonner Nuclear-Physics Prize for 1968 to Raymond G. Herb at its spring meeting in Washington, D. C. Herb, Charles Mendenhall Professor of physics at the University of Wisconsin in Madison, will receive the award for his development of precise nuclear-physics equipment, in particular the pressurized electrostatic accelerator, and early contributions to proton-proton scattering.

Herbert A. Erf, Treasurer Of the Acoustical Society

The treasurer of the Acoustical Society of America died of a heart attack at his home in Cleveland, Ohio, on 27 Dec. Herbert A. Erf was a charter member of the Acoustical Society, became a fellow in 1941 and was treasurer since 1950. Throughout his career he was an active applied-acoustical scientist and engineer.

Born in Bellevue, Ohio in 1903, Herbert Erf majored in physics at the then Case School of Applied Science (later Case Institute of Technology and now Case Western Reserve University). Here he came under the influence of the late Dayton C. Miller, who aroused his interest in acoustics. On graduating from Case in 1926, Erf went into industrial work, first with the Celotex Corp and later with the Northern Ohio Telephone Co and the George P. Little Acoustical Co in Cleveland. In 1935 he established his own business, the H. A. Erf Acoustical Co, devoted to acoustical engineering,

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