

nology in New Delhi. This month he will lecture in the Soviet Union as guest of the Academy of Sciences of the USSR.

Oak Ridge Associated Universities has a new president, **H. Willard Davis**, vice president for advanced studies and research at the University of South Carolina. ORAU conducts programs of education, information and research for AEC and other federal agencies.

### **Geballe, Matthias Receive Buckley Solid-State Prize**

The American Physical Society presented the 1970 Oliver E. Buckley Solid State Physics Prize to Theodore H. Geballe and Bernd T. Matthias at the society's March meeting in Dallas. The two were cited for "their joint experimental investigations of superconductivity which challenged theoretical understanding and opened up the technology of high-field superconductors." Working together at Bell Telephone Laboratories, Geballe and Matthias have greatly extended the list of known superconductors. Among the superconductors they have discovered are some that can produce high magnetic fields and others that have surprisingly high transition temperatures. Matthias, professor of physics at the University of California, San Diego, and Geballe, professor of applied physics at Stanford University, are still associated with Bell Labs.

### **John M. Fowler Recognized For Contributions to Teaching**

The Washington Academy of Science selected John M. Fowler to receive its Annual Award for the Teaching of Science because of the national leadership he has provided in programs to improve college teaching. Fowler, visiting professor of physics at the University of Maryland, is the director of the Commission on College Physics.

### **Highest Award of Meteorological Society Goes to Hsiao-Ian Kuo**

Hsiao-Ian Kuo, professor of meteorology in the department of geophysical sciences at the University of Chicago,

**Robert E. Marshak**, who has been active in university affairs as well as physics at the University of Rochester, was appointed the new president of City College of the City University of New York. He will replace acting president **Joseph J. Cope-land**. Marshak has held the title of distinguished university professor and



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received the Carl-Gustaf Rossby Research Award from the American Meteorological Society. The award was given for Kuo's research on atmospheric dynamics.

### **Plastics Engineers Honor Arthur V. Tobolsky**

At the annual Technical Conference of the Society of Plastics Engineers this month, the society will present Arthur V. Tobolsky with its International Award in Plastics Science and Technology. Tobolsky, professor of chemistry at Princeton University, has made outstanding contributions in many areas of polymer chemistry.

### **Royal Astronomical Society Honors Babcock, Hayashi**

Horace W. Babcock, director of the Mount Wilson and Mount Palomar Observatories, received the Gold Medal of the Royal Astronomical Society for his investigations of magnetic fields in the sun and stars and for his design and development of astronomical instruments. The Society's Eddington Medal was awarded to Chushiro Hayashi, professor of physics at Kyoto University in Japan, for his work in the pre-main sequence contraction of stars and, in particular, for his demonstration of the existence of fully convective stars.

### **NBS Physicist Deslattes Gets Flemming Award**

Richard D. Deslattes Jr, chief of the Atomic Physics Section at the National Bureau of Standards, is one of ten recipients of the 1969 Arthur S. Flemming Award. The awards were instituted by Flemming to honor out-

standing people in government service. Deslattes directed research leading to successful design, construction and development of the first device combining an x-ray and optical spectrometer.

**James R. Rochester** has been appointed technical director of Xenotech in Van Nuys, Calif. He was previously employed at Giannini Control Corp.

**P. Hariharan**, director of development and control in the Hindustan Photo Films Mfg Co Ltd, is a visiting professor at the Indian Institute of Science in Bangalore, India this year.

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### **Logan E. Hargrove Receives Acoustical Society Award**

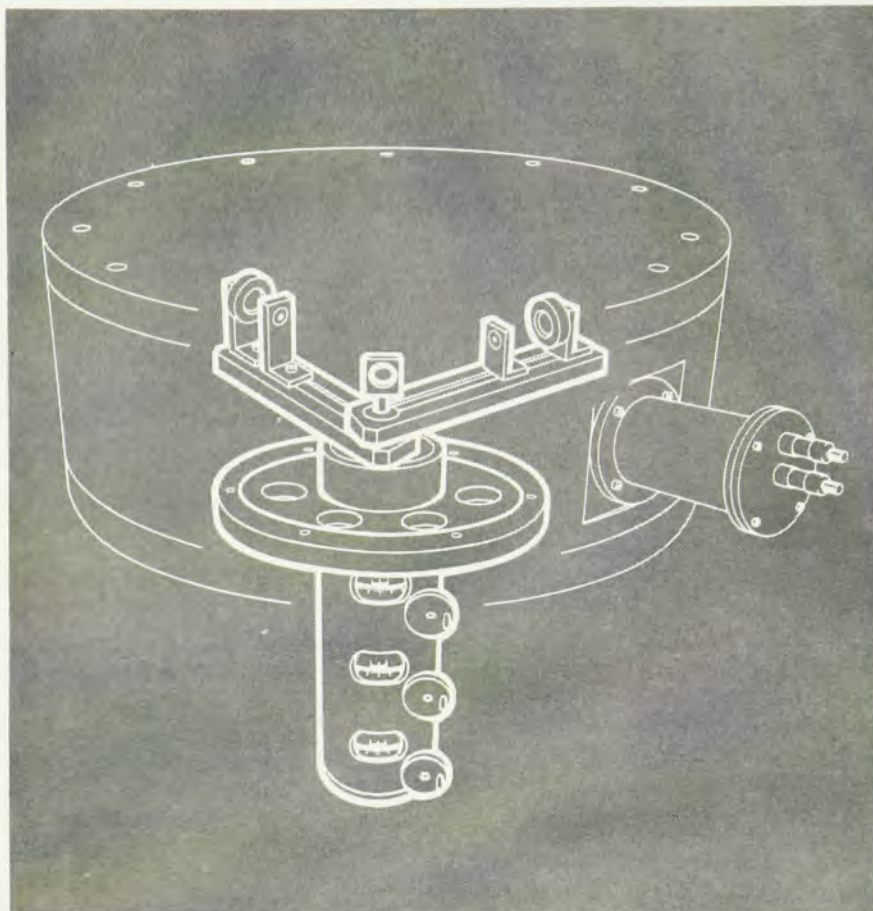
The Biennial Award of the Acoustical Society, given in the spring of even-numbered years, was presented this year to Logan E. Hargrove of Bell Telephone Laboratories. Through the award, the society honors members who have been active in its affairs and who have contributed to the advancement of theoretical or applied acoustics. Hargrove was selected because of his work on the diffraction of light by ultrasonic waves and his demonstration of mode-locking in lasers. This latter work resulted in a dramatic reduction of previously available laser-pulse duration.

### **Theodore E. Sterne Worked in Astrophysics, Weapons Systems**

On 6 February 1970, Theodore E. Sterne, 62, succumbed to a heart attack at his home in Maryland. Sterne had been employed at the Institute for Defense Analyses in Arlington since 1965. His career was divided between the areas of astronomy and weapon-systems evaluation.

Having received his PhD from Cambridge University in 1931, Sterne was first a national research fellow then a member of the staff at Harvard University until 1941. He returned to Harvard as professor of astrophysics

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between 1956 and 1959. He is the author of *Introduction to Celestial Mechanics*, published in 1960.

During World War II Sterne served at the Aberdeen Proving Ground in Maryland, becoming chief ballistician there between 1946 and 1956. In 1961 he joined the Research Analysis Corp, an outgrowth of the operations research office of Johns Hopkins University, for whom Sterne had consulted since the late 1950's.

Sterne was a fellow of the American Physical Society and of the American Academy of Arts and Sciences.

### Indiana University Professor Roger G. Wilkinson Dies

Longtime member of the physics department at Indiana University, Roger G. Wilkinson died suddenly on 25 December 1969. Born in Kansas in 1912, Wilkinson received his PhD in 1946 from the University of Chicago. He was associated with the Manhattan Project during World War II at the Chicago, Oak Ridge and Los Alamos laboratories. Wilkinson joined the physics department at Indiana in 1946, advancing to professor in 1956. His research was in the field of beta- and gamma-spectroscopy. He had recently developed a sophisticated apparatus for improving angular-correlation measurements. Wilkinson was a fellow of the American Physical Society.

### Philip Nolan, Chief Physicist For Farrand Optical

Philip Nolan, chief physicist for the Farrand Optical Co, died quite suddenly near his home in New York on 24 February 1970. Nolan, 61, received his BS and MS from the University of California, Los Angeles and his PhD in 1934 from the University of California, Berkeley. Employed by Farrand since 1946, he had been working on simulators for the Apollo space-flight program. He was a specialist in spectrophotometry and electron microscopy.

### Daniel Comstock Worked on Development of Technicolor

Daniel F. Comstock died recently at the age of 86. He was best known for his pioneering work in developing the Technicolor process for making color