

Laughlin wins Coolidge Award

John S. Laughlin has been chosen to receive the William D. Coolidge Award for Distinguished Contributions to Medical Physics. Presentation of the award was scheduled for the July Kansas City meeting of the American Association of Physicists in Medicine. Laughlin is chairman of the department of medical physics at the Memorial Sloan-Kettering Cancer Center and professor of biophysics at the Sloan-Kettering Division of the Cornell University Graduate School of Medical Science. He was selected for the award for his application of physics to the use of radiation for treatment and diagnosis in medicine. The award was first presented in 1972 to William D. Coolidge, designer of the Coolidge x-ray tube.

Directing his research to the therapeutic application of high energy x rays and electrons, Laughlin has developed procedures for tumor localization and treatment planning, and quantitative scanning methods used in metabolic studies. He has devised practical radiation measurement and protection techniques for medical use.

Laughlin received his PhD in physics in 1947 from the University of Illinois.



LAUGHLIN

He was president of the AAPM during 1964-65 and of the International Organization of Medical Physics during 1969-72. He has been a consultant to the Atomic Bomb Casualty Commission and a member of many committees on radiation, including the National Council of Radiation Protection and Measurements.

IOP presents awards to six scientists

Scientists from four countries received awards from the Council of the Institute of Physics at the IOP annual dinner in London. Rudolf L. Mössbauer (Institut Max von Laue-Paul Langevin) received the Guthrie Medal and Prize for contributions to the study of condensed matter. The Rutherford Medal and Prize went to Albert E. Litherland (University of Toronto) for his work in nuclear spectroscopy—specifically, angular correlation analysis. The Glazebrook Medal and Prize was awarded to B. J. Mason (UK Meteorological Office) for contributions to numerical methods of weather forecasting by computer.

P. G. H. Sandars (Oxford University) received the Charles Vernon Boys Prize, particularly for elucidation of the problems of the electron and proton electric-dipole moments. The

Maxwell Medal and Prize went to Samuel F. Edwards (University of Cambridge) for his application of functional integration to a variety of problems in statistical mechanics. And finally, Walter Greiner (University of Frankfurt) received the Max Born Medal and Prize for his work on atomic nuclei.

Hewish and Nozieres receive Holweck Medals

In this centennial year for both the French Physical Society and the Institute of Physics, two 1974 Holweck Medals and Prizes were awarded—to Antony Hewish of the University of Cambridge and to Philippe Nozieres of the Institut Max von Laue-Paul Langevin. The Holweck Prize in other years has gone alternately to a British and a French physicist.

Hewish was cited for both experi-

mental and interpretive contributions to radioastronomy. Nozieres has worked in the field of *N*-body problems in the physics of solids.

Joseph Wampler of the Lick Observatory, University of Santa Cruz, has been appointed the first director of the Anglo-Australian Telescope. S. C. B. Gascoign, a member of the astronomy department at Australian National University, has accepted the position of commissioning astronomer, in which capacity he will be responsible for bringing the telescope to a state of readiness, and Lloyd Robinson, also of the University of Santa Cruz, will take up duties on the scientific staff of the telescope in September. The telescope, located at the Siding Spring Observatory of the Australian National University near Coonabarabran, New South Wales, is being erected for the Australian Department of Science and the United Kingdom Science Research Council as agents for the two governments. It is expected to be in operation by January 1975.

Nicholaas Bloembergen, Gordon McKay Professor of Applied Physics at Harvard University, has been elected to the board of directors of Itek Corporation, and has also been named chairman of Itek's Science Advisory Board.

M. Lea Rudee, formerly professor of materials science and Master of Wiess College at Rice University, will be provost of the new Fourth College and professor of applied physics at the University of California, San Diego.

The department of physics and astronomy at the University of Kansas has announced the promotions of Thomas P. Armstrong and Wesley P. Unruh to professor, and of Douglas W. McKay to associate professor.

Matthew D. Miller has become a member of the technical staff in the Materials Research Laboratory of RCA Laboratories in Princeton, New Jersey.

The National Bureau of Standards announced the appointment of James F. Schooley as chief of its Temperature