

AIP raises page charges and reprint prices

To cover increased costs, the American Institute of Physics has raised page charges for six AIP-owned archival journals and has raised reprint prices for all AIP-published journals. Effective 1 January 1981, the charges are as follows: *The Physics of Fluids* and *Review of Scientific Instruments*, \$85, up from \$80; *Journal of Mathematical Physics*, \$85, up from \$70; *The Journal of Chemical Physics*, now \$80, formerly \$75; *Journal of Applied Physics*, now \$85, formerly \$75; and *Applied Physics Letters*, \$120, up from \$100. Reprint prices will go up, in most cases, between 11 and 12%.

Page charges cover the specific costs of editorial management, editorial mechanics, composition and reprints. According to Robert H. Marks, associate director for publication, "the page charge policy has resulted in wide distribution of AIP journals to individuals and to libraries. Many other physics journals do not assess page charges and rely entirely on subscriptions for their income. The cost of these journals to libraries is far greater and their circulation is much smaller than the AIP-published journals."

Until last year, when most page charges were increased by \$5, they rose only slightly since 1970, owing to the economics that resulted from switching from monotype to typewriter composition and from streamlining production procedures.

However, there has been continued escalation in the front end costs, particularly editorial and composition expense. Since the income received from page charges was insufficient to cover these expenses, they had to be raised to "ensure only a small loss in this category" reported H. William Koch, AIP Director.

Bauman elected vice-president of AAPT

Robert P. Bauman, professor of physics at the University of Alabama, has been elected the new vice-president of the American Association of Physics Teachers. His predecessor, John W. Layman, associate professor at the University of Maryland, has become the president-elect for 1981. Layman in turn succeeds William H. Kelly, chairman of the department of physics at Michigan State University, as the AAPT president for 1981. The past president, Robert G. Fuller, who is professor of physics at the University of



BAUMAN

Nebraska, continues his service to AAPT as a member of the Executive Board.

Bauman received his BS (1949) and MS (1951) from Purdue University and his PhD in physics from the University of Pittsburgh in 1954. In 1954 he joined the Polytechnic Institute of Brooklyn. There he was instructor (1954-56), assistant professor (1956-62), and associate professor (1962-67) in the department of chemistry. In 1967 he became chairman of the department of physics at the University of Alabama, a position he held until 1973, and professor of physics. His fields of research are vibrational spectra and molecular structure and teaching and learning theory.

Re-elected as secretary of the AAPT was Roderick M. Grant, professor of physics at Denison University. Elected as at-large member of the Executive Board was Katherine Mays, science supervisor of the Bay City school district in Bay City, Texas.

Employment outlook continues to improve

Physics graduates found employment more quickly last year than in previous years. The continuation of this trend of several years is one of the findings of the AIP *Employment Survey 1979*. While 16% of 1978 doctorate recipients and 35% of 1978 bachelors secured jobs before graduation, the respective percentages for 1979 graduates were 23% and 56%. Further, of doctoral physicists who accepted permanent positions, 44% found work without changing subfields and 83% found employment in physics.

The present, follow-up survey was compiled by contacting all employment-oriented graduates of 1979 who

had responded to an initial, summer survey. These included 415 doctors, 157 masters, and 730 bachelors. The survey also found that there has been a trend to longer postdoctoral fellowships. Only 36% of 1979 postdocs, compared with 48% of those of the previous year, are for one year or less. Moreover, more than one-half of those who received postdocs (185) of 1½ to 2 years sought them rather than permanent positions. High-energy and nuclear physicists were more likely to receive postdocs than permanent employment, as were physicists of foreign citizenship.

The survey, which is conducted every year, is available free of charge from the survey's author, Susanne D. Ellis, Manpower Statistics, AIP, 335 East 45th Street, New York, N.Y. 10017.

in brief

The science building at City College of the City University of New York has been renamed the Robert E. Marshak Science Building after the former president of City College, now a physics professor at Virginia Polytechnic Institute and State University.

Copies of a new Office of Technology Assessment report, *Conservation and Solar Energy Programs of the Department of Energy: A Critique*, are available from the US government Printing Office for \$3.75. The GPO stock number is 052-033-00757-6.

The Institute of Physics in the UK has announced two new quarterly journals. *European Journal of Physics* (G. W. Series, editor) is available for \$49.00 per year and *Clinical Physics and Physiological Measurements* (M. M. Black and P. H. Fentem, editors) costs \$115.00 per year. Both are being distributed in the US by the American Institute of Physics, Marketing Services, 335 East 45th Street, New York, N.Y. 10017.

Herbert Friedman, chief scientist emeritus of the E. O. Hulburt Center for Space Research, US Naval Research Laboratory, has been named chairman of the National Research Council Assembly of Mathematical and Physical Sciences, succeeding Jacob Bigeleisen (SUNY, Stony Brook).

Nuclear Reactors Built, Being Built, or Planned in the United States as of Dec. 31, 1979 is available for \$6.50 as DOE/TIC-8200-R41, from National Technical Information Service, US Department of Commerce, Springfield, Virginia 22161.