

director H. William Koch.

The five discussion groups were led by Robert G. Hirsch and Richard H. Tait (duPont), John K. Bragg (Singer) and Robert Adler (Zenith), Raymond Bowers (Cornell University), J. E. Goldman (Xerox) and Philip E. Seiden (IBM), Robert W. Keyes (IBM) and Lester Guttman (Journal of Applied Physics).

—GBL

in brief

The Moscow Seminar on Collective Phenomena began its 1976-77 series 12 September—these "Sunday Seminars" are held weekly and will continue through 12 June 1977. The sessions take place at Ulitsa Veshnyakovskaya, Dom 4, Korpus 2, Apt 5, Moscow, and any visitor to Moscow is welcome to attend and present a paper. Further information may be obtained from the Committee of Concerned Scientists, 9 East 40th Street, New York, N.Y. 10016.

The American Institute of Aeronautics and Astronautics has begun publication of a new bimonthly journal, *Journal of Energy*, in January 1977. Subscriptions are available from the AIAA Subscription Department, 1290 6th

Avenue, New York, N.Y. 10019 at a cost of \$6 per year for members and students, or \$38 per year for non-members.

The Faculty Exchange Center, which helps to arrange college and university exchanges in the US and overseas where the language of instruction is English, is now preparing its roster for academic year 1976-77. Registration information may be obtained from the Center at Franklin and Marshall College, PO Box 1091, Lancaster, Penn. 17604.

The book series *Vistas in Astronomy*, edited by Arthur and Peter Beer, is now available as a review journal. Beginning with volume 19, the journal is published quarterly. Subscription price for 1977 is \$56; inquiries may be addressed to Pergamon Press Ltd, Headington Hill Hall, Oxford OX3 0BW, England.

The Scientific Manpower Commission has published a study on the availability of women and minorities for professional positions. The 320-page report, *Professional Women and Minorities: A Manpower Data Resource Service*, brings together for the first time all available data on manpower at professional levels. Copies are available at \$40.00 each

and semi-annual supplements will be available at \$20.00 per set. For information contact the Scientific Manpower Commission, 1776 Massachusetts Avenue, NW, Washington, DC 20036.

Applications are now open for 1977-78 American Vacuum Society scholarships in vacuum science and technology, vacuum metallurgy, surface physics and thin-film research. The scholarships carry a maximum grant of \$4000 per year. Applications may be obtained from the AVS, 335 East 45th St., New York, N.Y. 10017 and completed forms must be returned by 31 March 1977.

Instrumentation for Environmental Monitoring (Lawrence Berkeley Laboratory Report LBL-1), a survey in five loose-leaf volumes, is available at a cost of \$40 per volume from LBL Technical Information Department, University of California, Berkeley, Calif. 94720.

Wolfgang Priester, director of the Institute for Astrophysics and Space Research of Bonn University, West Germany, has been elected president of the Astronomische Gesellschaft, an international astronomical society. Founded in 1863, the society is composed largely of German-speaking astronomers from central Europe.

the physics community

OSA elects Williams as vice president

The Optical Society of America has elected Dudley Williams to the office of vice president. In this post, Williams will become president-elect in 1978 and president in 1979. The 1975 president-elect, Peter Franken (University of Arizona, Tucson), has succeeded Boris Stoeicheff to the office of president, and Emil Wolf (University of Rochester) is this year's president-elect. All of these officers serve on the OSA board of directors.

Williams, who is Regents' Professor of Physics at the Kansas State University, earned his PhD in 1936 at the University of North Carolina, Chapel Hill. He was a faculty member of the University of Florida, 1936-41, and during World War II he became involved in microwave radar development at the MIT Radiation Laboratory. He was later associated with the Manhattan Project at Los Alamos, where he worked primarily on mass spectroscopy. Williams was a member of the Ohio State University physics department, 1946-63, and spent one year as the head of the department of physics at North Carolina State University before joining the faculty at Kansas State University



WILLIAMS

where he holds his current position. His present research interest is infrared spectroscopy as applied to the study of planetary atmospheres.

OSA members have also elected three directors-at-large, who will serve two-year terms. They are Gerald B. Brandt (Westinghouse Research Laboratories),

Arthur H. Guenther (Air Force Weapons Laboratory) and Lorrin A. Riggs (Brown University).

New AIP directory expands its coverage

The 1976-77 *Directory of Physics and Astronomy Staff Members*, which includes listings of 22 000 staff members at some 2400 institutions, is now available. In addition to its coverage of North American colleges and universities, the directory now includes government laboratories and a complete listing of Federally funded research and development centers.

Appendices in the directory show the following: institutions by type of physics or astronomy program offered, number of faculty by rank, research areas in doctoral programs and areas of concentration in master's programs. Manpower data are also presented concerning the US institutions that granted the largest number of physics doctorates and baccalaureates in 1974-75.

The 295-page directory may be ordered at a cost of \$17.50 per copy (prepaid) from AIP Marketing Services, 335 East 45th Street, New York, N.Y. 10017. □