

AIP Conducts School Program at San Francisco Meeting



On 18 January 1989 the American Institute of Physics presented a pilot program for 7th and 8th grade students, aimed at increasing the number of students who choose to study science. Project SEEP (Students to Explore & Experience Physics) was organized by Beverly Citrynell of AIP's career placement division, and was presented in conjunction with the AAPT-APS annual joint meeting in San Francisco.

When contacted about the project, the 16 schools in the San Francisco Unified School District, which all have predominantly minority populations, wanted to take part, but the facilities provided by AAPT and APS were only able to accommodate 120-125 students. The final selection was made by lot; 25 students were picked from each of five schools.

The first half of the program featured two key speakers—William Havens, executive secretary of APS, and Jack Wilson, executive officer of AAPT—and physics demonstrations for the students and their teachers. The second half allowed the students to perform a variety of physics and chemistry experiments for themselves, covering such topics as superconductivity, polarized light and lasers, magnetism, and thin film physics in the form of soap bubbles.

energy necessary for these large-scale operations. They should be able to direct the work of associate editors and a secretarial staff to ensure the continued smooth flow of the journals' activities. In addition, they should be members of institutions that can provide, at AIP's expense, space, services and personnel.

Applications and nominations

should be sent by 1 September 1989 to Sokrates T. Pantelides, IBM Research Division, Thomas J. Watson Research Center, P.O. Box 218, Yorktown Heights NY 10598.

Further information can be obtained from Pantelides or from John T. Scott, American Institute of Physics, 500 Sunnyside Boulevard, Woodbury NY 11797, (516) 349-5810.

OSA AND AIP TO TRANSLATE SOVIET JOURNAL *ATMOSPHERIC OPTICS*

Beginning this year the Optical Society of America and the American Institute of Physics will publish *Atmospheric Optics*, the English translation of the Soviet journal *Optika Atmosferii*.

Edited by Vladimir E. Zuev, director of the Institute of Atmospheric Optics of the USSR Academy of Sci-

ences in Tomsk, *Atmospheric Optics* gives a monthly view of the latest technical applications, experimental discoveries and theoretical interpretations from the Soviet Union. Among the topics covered are spectroscopy of atmospheric molecular constituents, optical properties of aerosols, optical effects of turbulence,

refractive index, inverse problems of atmospheric optics, atmospheric sounding, optical models of the atmosphere, and lidar and computerized remote sensing instruments.

For the first time in the history of the AIP-OSA journal translation program, the Soviet publisher is making manuscripts available for translation prior to original-language publication. This will allow the publishing process to proceed with a shorter lag time than the six months that is usual for a translation journal of this type.

The domestic subscription rate for OSA members is \$50 and the institutional rate is \$500 (domestic). Subscribers can receive a bound copy of Volume 1, the 12 issues published in 1988, for \$395.

Orders and requests for further information may be sent to AIP Marketing Services, 335 East 45 Street, New York NY 10017.

AIP PUBLISHES NEW PHYSICS FACULTY AND STAFF DIRECTORY

The 1988-89 edition of AIP's *Directory of Physics & Astronomy Staff* has been published. Listed in the new directory are more than 32 000 physicists and astronomers on staff at more than 3000 institutions, including academic faculties and government, industrial and university laboratories.

The directory is divided into five parts: a list of individuals, followed by an alphabetical list of academic institutions and their faculty members, an alphabetical list of nonacademic research and development organizations and their staffs, a geographical list of academic institutions and, lastly, a list of R&D organizations by type.

The physics and astronomy staff directory is based on information provided by institutions. If omissions of individuals arise from omissions of departments or labs in the new edition, individuals are urged to submit the forms found at the end of the directory for inclusion in the next edition.

The American Physical Society has supplied copies of the 1988-89 directory to its members as Part II of the December 1988 *Bulletin of The American Physical Society*.

The standard price of the 1988-1989 *Directory of Physics and Astronomy Staff* is \$25 for AIP member society members and \$40 for non-members, institutions and libraries. Copies may be ordered from AIP Publication Billing, 500 Sunnyside Boulevard, Woodbury NY 11797.