



GOOD



HAMERMESH

University and then joined the Ford Motor Co scientific research staff, later becoming director of the physical sciences research laboratory. He left there in 1973 to accept his current position. His research activity is concerned mainly with theoretical solid-state physics.

A member of the National Academy of Sciences and a Fellow of the APS, Overhauser received the Oliver E. Buckley Solid State Physics Prize in 1975. He has been a member of the board of editors of the *Journal of Applied Physics* and has been a member and chairman of the Buckley Prize Committee.

(No statement by Overhauser was provided.)

Spight, professor and chairman of the physics department at Morehouse College, received his PhD in plasma physics from Princeton University in 1971. He served on the physics faculty at Southern University, 1970-72, before coming to Morehouse College. He is principally involved in theoretical investigations in plasma kinetic theory and in theoretical and experimental research in magnetogasdynamics. He has been active recently as an invited speaker in the areas of minority participation in science, sociology of science and philosophy of science.

Spight is a member and past-chairman of the APS Committee on Minorities. He is also a member of the Committee on Education and Employment of Minority Group Members in Science (National Research Council Commission on Human Resources), and he serves as a consultant to Bell Laboratories.

Spight's statement: "In this post-industrial era the practice of physics as a suprasocietal activity manifests itself as an illusion. The programmatic recognition of this is not the politicization of physics but the avoidance of both hubris and pessimism. Both individually as professionals/scholars and as a society, we accrue in the world community the responsibility for the convivial utilization of physics as rigorous tool and as humanistic vision."

Nominating Committee Chairperson-Elect

This year under the newly adopted Constitution, members of the Society will choose the Chairperson-Elect of the Nominating Committee. Nominees for

the post are Roland H. Good Jr, professor and head of The Pennsylvania University physics department, and Morton Hamermesh, professor and immediate past-chairman of the physics department at the University of Minnesota.

Good worked as an automotive engineer with the Chrysler Corp for five years before entering the University of Michigan to study physics in 1947. After receiving his PhD in 1951, he held academic posts at the University of California, Berkeley, Pennsylvania State University and Iowa State University. He then returned to the faculty at Pennsylvania State University; his current research interests include dispersion relations for nonlinear systems and polarization of electrons in parallel external fields. Good is a Fellow of the APS, has served as co-chairman of the Forum Conference on Tradition and Change in Physics Graduate Education, and will serve as a member of the Nominating Committee through 1977.

Good's statement: "The first consideration of the Nominating Committee must always be to propose capable and talented people . . . the Committee can provide for a reasonable representation of various divisions and geographical areas and a reasonable balance among industrial, governmental and academic physicists. It is essential that the Committee propose at least two people, of comparable stature, but different views, for each opening, so that the electorate is given a decision to make . . ."

Hamermesh received his PhD in physics from New York University in 1940. During World War II he worked at Harvard University Radio Research Laboratory on radar countermeasures and operational analysis. In 1948 he joined the staff of Argonne National Laboratory where he held a number of administrative posts—the last being that of Associate Director. He joined the faculty of the University of Minnesota in 1965.

He has served as the editor of *Soviet Physics-Technical Physics* and is now editor of the *Journal of Mathematical Physics* and chairman of the APS Publications Committee.

Hamermesh is a Fellow and Councillor (through January 1977) of the APS, a member of the Argonne Universities Association board of trustees, and is the recipient of the Townsend Harris Medal of the City College of the City University of New York. His research interests include work on the optical properties of neutrons, electron-neutron interaction, accelerator design, the Mössbauer effect and applications of symmetry principles.

Hamermesh's statement: "Despite efforts in this direction, there has been little increase in the participation of different groups of physicists in the management of The American Physical Society. The Nominating Committee must try to extend further the areas from which people are invited to serve. This can best

be accomplished by pairing candidates of equal prominence for a given office, instead of pitting 'outsiders' against better known members of an entrenched in-group . . ."

Polymer short course will precede March meeting

The Division of High Polymer Physics will offer the Society's second short course, "Spectroscopic Techniques for Polymers," 19-20 March 1977, the weekend preceding the March meeting of The American Physical Society in San Diego at the Town and Country Hotel.

Jack L. Koenig (Case Western Reserve University), Samuel Krimm (University of Michigan), Robert Snyder (Midland Macromolecular Institute, Michigan) and Giuseppe Zerbi (University of Milano) will teach the 12-hour course designed to acquaint students with fundamentals and recent developments in the spectroscopic studies of macromolecules. Subjects to be discussed will include:

- ▶ characteristic features of infrared and Raman spectra of high polymers
- ▶ basic principles of infrared absorption and Raman scattering
- ▶ measurement techniques for infrared-absorption and raman-scattering polymers
- ▶ group-theoretical analysis of selection rules
- ▶ calculation of normal modes of vibration and dispersion relations
- ▶ vibrations of three-dimensional crystals
- ▶ analysis of defect structures in polymer chains and
- ▶ application of spectroscopic techniques to problems in synthetic and biological macromolecules.

Participants are required to have a minimum background of a BS degree or its equivalent in a physical science or engineering program. Lecture notes will be provided for the six lectures and discussion hours. Tuition is \$100, and the course will meet from 8:30 am to 12 noon and from 1:30 pm until 5:00 pm each day.

A registration blank and information on housing may be found in the October and November issues of the APS *Bulletin*. For further information, contact Jack L. Koenig, Department of Macromolecular Science, Case Western Reserve University, Cleveland, Ohio 44106; tel (216) 368-4176. □

Reminder

The deadline for applications to the 1977-78 Congressional Scientist Fellowship Program is 15 March 1977. Requests for information and application forms may be sent to Mary L. Shoaf, APS, 335 East 45th Street, New York, N.Y. 10017.