

## Spring meeting: a mix of science, history and awards

Participants in the American Physical Society general meeting to be held this Spring in Washington, D.C. will witness the presentation of the Bonner, Davisson-Germer and Heineman Prizes and the awards of the Forum on Physics and Society. The meeting will take place from Monday, 28 April until Thursday, 1 May at the Shoreham Hotel. Other activities include 35 sessions of invited papers to be delivered by approximately 149 speakers, 1162 contributed papers divided among 80 sessions, and an energy symposium.

The presentation of three prizes and an after-dinner address by a distinguished member of the administration of the federal government will highlight the banquet to be held in the Regency Room of the Shoreham Hotel on Wednesday evening, 30 April. APS president Chien-Shiung Wu (Columbia University) will receive the 1975 Tom W. Bonner Prize in Nuclear Physics in recognition of her work in beta decay and particularly her "beautifully precise experiments crucial for the unravelling of the nature of weak interactions. Her unusual skills in physical measurements have contributed to our understanding of the shapes of beta spectra, to the discovery of the failure of parity conservation in weak interactions and to the evidence for lepton conservation and the conserved vector current."

Homer D. Hagstrum (Bell Labs) and James J. Lander (Bell Labs, retired) will receive the 1975 Davisson-Germer Prize "for pioneering microscopic studies of the physical and chemical properties of well-characterized surfaces of metals and semiconductors."

Ludwig D. Faddeev (Steclov Mathematical Institute, USSR) is scheduled to receive the Dannie H. Heineman Prize of the APS and the American Institute of Physics "for his mathematically and physically incisive work on the three-body problem and for his profound contribution to the quantization of gauge fields by the method of functional integration."

On Wednesday afternoon, Paul Flory, 1974 Nobel Prize winner in chemistry, will join Wu, Hagstrum, and Faddeev to present invited papers during the distinguished speakers session.

The 1975 Leo Szilard Award for physics in the public interest, sponsored



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by the Forum on Physics and Society, will be presented to Bernard T. Feld (MIT) during the awards session scheduled for Tuesday evening, 29 April, in the Ambassador Room of the Shoreham Hotel. Mrs Gertrude Szilard will present the award, a check for \$250 and a certificate citing Feld for his work on nuclear disarmament, his leadership of the Council for a Livable World and his work on the Pugwash Conferences. Feld is a member of the editorial board of the journal *Disarmament and Arms Control*, president of the Council for a Livable World, chairman of the committee on Pugwash Conferences of the American Academy of Arts and Sciences and one of the three American representatives on the Conferences' International continuing committee.

I. Richard Lapidus (Stevens Institute of Technology), Forum chairman, will present the 1975 Forum Award for promoting public understanding of the relation of physics to society to John Walsh, who will accept it on behalf of the writers who are responsible for the "News and Comments" section of *Science* magazine. These writers, John Walsh, Luther Carter, Deborah Shapley, Robert Gillette, Nicholas Wade, Constance Holden, Barbara J. Culliton and Sherraine Mack, will be cited for the breadth and quality of news coverage of this section, which has become the outstanding source of timely (and sometimes investigative) information



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on the Washington science policy scene.

**Noteworthy sessions** that have been scheduled for the Washington meeting include a presentation, Monday afternoon, chaired by Hal Lewis (University of California, Santa Barbara), of the results of the APS summer study on reactor safety. On Monday evening at 8:30 p.m. in the Empire Room of the Shoreham, Russell Drew (Office of the Science Advisor to the President), John Teem (ERDA), Edward Creutz (NSF), and M. Currie (DOD) will participate in a round-table discussion on the role of the federal government in physics research support. On Tuesday afternoon, Betsy Ancker-Johnson, Assistant Secretary of Commerce, Hans Bethe (Cornell University), Eugene Critoph (AEC, Chalk River), and Peter Auer (Cornell) will participate in an energy symposium whose chairman will be Philip Morse (MIT), chairman of the society's Panel on Public Affairs.

Gerald Holton (Harvard University) will introduce a session of invited papers to be given by Martin J. Klein (Rockefeller University), A. I. Miller (Lowell Technological Institute), and Roman U. Sexl (University of Vienna) to celebrate the seventieth anniversary of publication of Einstein's paper on relativity. This session will be held in the Ambassador Room of the Shoreham on Wednesday morning.

The session on Tuesday morning organized by the committee on women





The 1975 Forum Award for promoting public understanding of the relation of physics to society goes to *Science* writers Constance Holden, Sherraine Mack and Barbara Culliton (seated l to r) and Nicholas Wade, Robert Gillette, John Walsh, Luther Carter and Deborah Shapley (standing).

will feature case studies of women who have successfully fought discriminatory practices by various types of employers, each woman presenting her own case.

The Forum on Physics and Society has organized a number of sessions for this meeting: a symposium on public understanding of science on Tuesday morning, a symposium on nuclear reactor safety on Wednesday morning, a session on safeguarding nuclear materials on Thursday morning, and a symposium (co-sponsored by the American Association of Physics Teachers committee on international education) on the role of the physicist in international development on Thursday afternoon.

The APS committee on the applications of physics has arranged four sessions on medical applications of physics in cooperation with the American Association of Physicists in Medicine and the Radiation Research Society. The first session in this series on reconstruction in medicine and biology will take place Monday morning; the second session on Monday afternoon will consider the biomedical applications of particle accelerators; the third session on Tuesday morning, radiation dosimetry and the final session on Tuesday afternoon will deal with ultrasound.

A number of divisions have organized special-interest sessions for this meeting; they cover a wide range of topics such as atmospheric processes, gamma-ray astronomy, relativistic collisions of nuclei, liquid helium and superconducting accelerators. The division of particles and fields has arranged a special session on the new particles for Wednesday morning.

The APS committee on professional concerns will hold a special open meet-

ing in the Park Ballroom of the Sheraton Park Hotel to gather opinions and information from members on committee work now in progress, such as the adoption of guidelines for employers, dissemination of career opportunity information, promotion of faculty/industry exchanges and portable pension plans.

The council will convene at 9:30 a.m. on Sunday, 27 April, in the Executive Room of the Shoreham. Council meetings are open to all APS members.

AIP will again conduct a Placement Service Center, 28-30 April, in the Empire Foyers A and B of the Shoreham. The Center will be open from 9 to 5.

### Congressional Fellows take part in AAAS meeting

Fellows and former Fellows of the Congressional Science and Engineering Fellowship Program participated in a special session on science, technology and the congressional agenda during the recent American Association for the Advancement of Science annual meeting held in New York City in late January. The Fellowship Program is an interprofessional public service effort that allows trained scientists and engineers to participate in the legislative process as congressional staff members.

APS Fellows Allan R. Hoffman (subcommittee on environment, US Senate Committee on Commerce) and Haven Whiteside (subcommittee on air and water pollution, US Senate Committee on Public Works) were members of the panel that considered energy and the environment. Thomas H. Moss (office of Congressman George E. Brown, Jr)

participated in the panel discussions on materials scarcity, food and growth.

### Elections highlight the Anaheim council meeting

Major agenda items for the APS council at its meeting in Anaheim in late January were the election of society officers, statutory committee members and members of the Panel on Public Affairs (see *PHYSICS TODAY*, March, page 67). William W. Havens, Jr (Columbia) and Joseph A. Burton (Bell Labs) were re-elected executive secretary and treasurer, respectively.

The council also elected the following society members by secret ballot to serve on the statutory committees: Vera Kistiakowsky (MIT) and James Krumhansl (Cornell), budget committee; Robert Adair (Yale) and Thomas Stix (Princeton), publications committee; Solomon Buchsbaum (Bell Labs), George E. Pake (Xerox) and Wolfgang K. H. Panofsky (SLAC), executive committee, and Mildred Dresselhaus (MIT) chairman, Peter Eisenberger (Bell Labs), Gerald T. Garvey (Princeton), Marvin Goldberger (Princeton) and I. Richard Lapidus (Stevens Institute of Technology), nominating committee.

Those elected to serve with the Panel on Public Affairs are F. Ajzenberg-Selove (University of Pennsylvania), John A. Armstrong (IBM), Sanborn C. Brown (MIT), Benjamin S. Cooper (Senate Interior Committee), Peter Eisenberger (Bell Labs), Ray Emrich (Lehigh), Milan Fiske (GE), Ronald Geballe (University of Washington), Ernest M. Henley (University of Washington), Seymour Koenig (IBM), Martin Perl (SLAC), Louis Rosen (LASL), Rolf Sinclair (NSF), Bernard Weinstock (Ford), N. Richard Werthamer (Bell Labs) and James E. Young (MIT). □

### Where will you serve APS?

The nominating committee encourages APS members to identify themselves as potential candidates for society office (vice-president elect, councillor-at-large), for statutory committees (executive, budget, publications and nominating), for the Panel on Public Affairs (chairman and five members to be chosen this year) and for the standing committees (education, professional concerns, APS representatives to the AIP governing board, and the committee on applied physics). The committee is especially charged to nominate candidates for the post of its own chairman, selection to be made by the members-at-large in a special advisory election this year. Volunteer now. Please send a one-page summary of pertinent information about yourself to M. Dresselhaus, The American Physical Society, 335 East 45th Street, New York, N.Y. 10017.