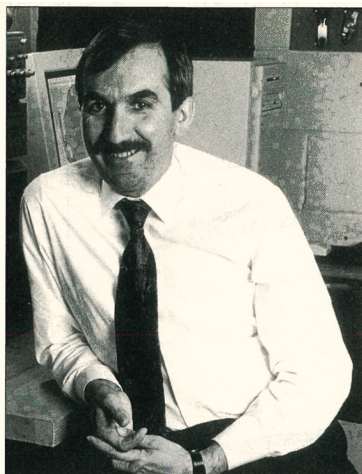




Duncan T. Moore

In his candidate's statement for OSA, Moore drew attention to the challenges expected in sustaining growth of OSA meetings in the coming years, given the adverse circumstances affecting science, and the difficulty of maintaining income from journal subscriptions. "Our current reliance on library journal subscriptions cannot be sustained over the next decade," he said.

"We must be very aggressive in organizing meetings that will appeal not only to the strong academic side of our membership, but also to those who are more engineering-oriented," said Moore, who currently serves as chair of OSA's Engineering Council. Moore expressed the hope that the number of OSA corporate associates could be increased tenfold in the next four to five years.

Newly elected directors-at-large are Susan N. Houde-Walter, a member of the optics faculty at the University of Rochester; Donald B. Keck, director of optoelectronics research at Corning Inc; and Richard C. Powell, director of the Optical Science Center at the University of Arizona. Stephen D. Fantone of Optikos Corp becomes chair of the Engineering Council in 1994, and Thomas J. McIlrath of the University of Maryland will be chair of the Technical Council. Both will serve ex officio on the board.

AVS RELEASES *JVST* A AND B ON CD-ROM

The American Vacuum Society has begun issuing the *Journal of Vacuum Science and Technology* A and B on CD-ROM. The first CD-ROM was re-

leased in August, and regular releases are planned to begin in March 1994.

According to Stephen Rossnagel of the IBM T. J. Watson Research Center in Yorktown Heights, New York, who is chair of the AVS publications committee, the CD version of *JVST* will be issued quarterly, and each CD will contain that quarter's issues as well as prior issues for the year. One advantage of the CD version is that indexing and searching are greatly simplified.

Reading the compact disc requires an IBM-PC-compatible or Macintosh computer equipped with a CD drive. The AVS annual membership of \$60 covers a subscription to either the monthly hard copy or quarterly CD-ROM version of *JVST*; an additional \$25 will buy both formats. A demo CD is available from AVS, 120 Wall Street, 32nd Floor, New York NY 10005.

NEW AAS BYLAW ADDRESSES DISCRIMINATION

At its June meeting in Berkeley, California, the council of the American Astronomical Society approved an amendment to its bylaws that supports equal opportunity and treatment of all AAS members.

The change in the bylaws grew in part from a petition concerning discrimination and unprofessional behavior that was signed by nearly 300 AAS members and submitted to the AAS council by Roberta Humphreys of the University of Minnesota and Anne Cowley of Arizona State University.

The new bylaw was proposed in June 1992, and it went through several iterations in response to AAS members' opinions and suggested changes. The final version was drafted by a committee led by James Hesser of Dominion Astrophysical Observatory.

A set of guidelines on equality and professional behavior that was to have accompanied the new bylaw was later dropped. According to Hesser, the council and other AAS members felt that such issues had already been addressed in a document known as the Baltimore Charter, named for the site of the Women in Astronomy Meeting held in September 1992. The charter was included in a recent book published by the Space Telescope Science Institute.

The AAS amendment, "Nondiscrimination in Professional Activities," reads as follows:

"As a professional society, the AAS

must provide an environment that encourages the free expression and exchange of scientific ideas. In pursuit of that environment, the AAS is committed to the philosophy of equality of opportunity and treatment for all members, regardless of gender, race, ethnic origin, religion, age, marital status, sexual orientation, disabilities, or any other reason not related to scientific merit. All functions of the society must be conducted in a professional atmosphere in which all participants are treated with courtesy and respect. It is the responsibility of the chairperson of any AAS committee, of the organizers of any AAS meeting, and of the members themselves to ensure that such an atmosphere is maintained. Furthermore, the rich diversity of the society's membership and of the astronomical community in general is a resource that should be drawn upon when selecting organizing committees, inviting speakers, and nominees for office and for special prizes."

IN BRIEF

A consultative meeting on UNESCO and the international physics community was held at UNESCO headquarters in Paris in late June. The 24 participants, who included APS President Donald S. Langenberg and two members of the APS staff, recommended that UNESCO empanel an advisory committee on physics research and education. The participants concluded that UNESCO has important roles to play in Third World physics, physics in Eastern Europe and the FSU, and international science megaprojects.

The CERN research board has selected two of four detector proposals to be part of the technical basis of the Large Hadron Collider: CMS (Compact Muon Solenoid) and ATLAS, a combination of two earlier proposals, ASCOT (Apparatus with Superconducting Toroids) and EAGLE (Experiment for Accurate Gamma, Lepton and Energy Measurements).

At the latest triennial meeting of the International Committee for Future Accelerators, which took place at DESY in Hamburg in early May, a consensus was reached that "at most one" electron-positron collider with collision energies of 300–400 GeV and a luminosity of $10^{33} \text{ cm}^{-2}\text{sec}^{-1}$ should be built. ICFA endorsed a memorandum of understanding among DESY, Japan's KEK and SLAC on joint R&D for such a machine. ■