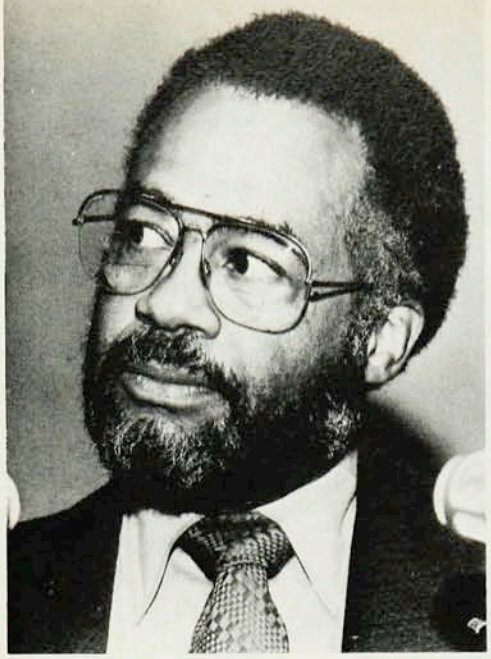
Corporate Associates meet at National Academy

As part of AIP's 50th anniversary celebration, an extra special annual meeting of the AIP Corporate Associates was held at the National Academy of Sciences in Washington, 15–16 October. The theme was "Physics in Retrospect and Prospect." Over 300 persons attended, including Corporate Associates representatives, heads of physics and astronomy departments, government officials, officers of AIP member societies and representatives of other scientific and engineering societies.

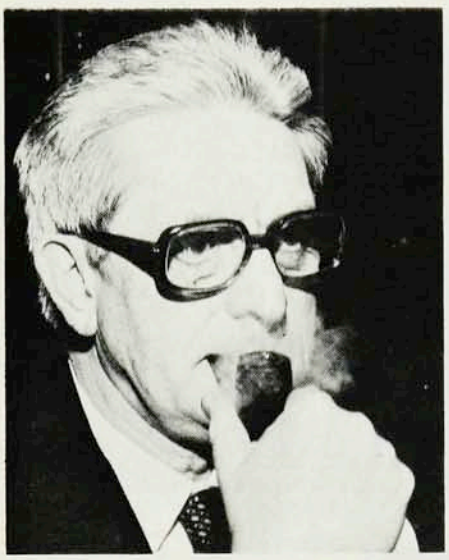
The first annual meeting of the AIP Corporate Associates was held in 1958 at the AIP headquarters building. Over the years the meeting site has varied. For a time meetings were held at Arden House of Columbia University, the National Academy, Caspary Hall of Rockefeller University, and most recently, at a different industrial laboratory each year (with tours of experimental facilities included in the program). The Corporate Associates dates back to the early 1930s.

At this year's Corporate Associates meeting, in the retrospective session Spencer Weart (AIP) gave "An Historical Introduction," Victor F. Weisskopf (MIT) discussed "Ideas on Fields and Particles in the last 50 Years," Peter A. Franken (University of Arizona Optical Sciences Center) spoke on "Optics/An Ebullient Evolution," and Cyril M. Harris (Columbia University) discussed "Room Acoustics—Science, Engineering or Black Magic?"

***Greetings** were extended to attendees by Frank Press (above), president of the National Academy of Sciences, where the meeting took place. George A. Keyworth II (left), Presidential Science Adviser, and Clarence J. Brown (below), Congressman from Ohio, also spoke.*



Director of NSF, *John B. Slaughter, spoke in session on Perspectives on Physics, Society and Government.*



Prizewinners *Pierre Aigrain (above left) and Melba Phillips (above right) received Tate Medal and Compton Medal respectively at meeting banquet. Paul MacCready (right), designer and builder of Solar Challenger, was after-dinner speaker.*

A session on physics, society and government had talks by George A. Keyworth II, President Reagan's science adviser; Congressman Clarence J. Brown (R-Ohio); John B. Slaughter, director of NSF, and John H. Marburger III, president of the State University of New York at Stony Brook.

At the banquet, Melba Phillips was presented with the Compton Medal and Pierre Aigrain with the Tate Medal (PHYSICS TODAY, September 1981, page 55). The after-dinner speaker was Paul MacCready, designer and builder of the Solar Challenger, the first solar-powered aircraft to cross the English Channel.

At a session on achievements and challenges, Aigrain (secretary of state for research under Valery Giscard d'Estaing) spoke on physics in Europe; Arthur M. Bueche (senior vice-president of corporate technology, General Electric) on physics and US industry; Solomon J. Buchsbaum (executive vice-president, customer systems, Bell Laboratories) on physics and communications, and C. Lester Hogan (technical adviser to the president, Fairchild Camera & Instrument Corp) on physics and electronics. At that session the AIP prize for Industrial Applications of Physics was presented to Alec N. Broers and the AIP–US Steel Foundation Science-Writing Award to Eric J. Chaisson (PHYSICS TODAY, September 1981, page 56).

A late addition to the program was a talk by Thomas H. Moss (staff director of the Subcommittee on Science, Research and Technology, House Commitee on Science and Technology), who spoke on budget prospects for science in 1982.

The closing session, on frontiers of physics, consisted of talks by Robert K. Adair (Yale University) on high-energy physics, J. Robert Schrieffer (University of California, Santa Barbara) on novel conduc-

Meeting Chairman *Roland Schmitt (extreme left) presents AIP prize for Industrial Applications of Physics to Alec N. Broers. AIP Director H. William Koch (extreme right) congratulates Eric J. Chaisson with wife Laura on winning AIP-US Steel Foundation Science-Writing Award.*

tors, Marshall N. Rosenbluth (Institute for Fusion Studies, University of Texas) on plasma physics, and Robert Langridge (University of California, San Francisco) on DNA structure.

During the meeting, those attending received a copy of AIP's 50th Anniversary *Physics Vade Mecum*, which has just been published. Herbert L. Anderson of Los Alamos was editor-in-chief of the handbook, which emphasizes clarity, quantitative data and quick location of material. The 22 chapters were written by Anderson, R. Bruce Lindsay (acoustics), Laurence W. Fredrick (astronomy and astrophysics), C. F. Barnett (atomic collision properties), W. L. Wise and G. A. Martin (atomic spectroscopy), Hans Frauenfelder and Michael C. Marden (biological physics), Russell J. Donnelly (cryogenics), George A. Jeffrey (crystallography), Robert L. Kelly (elementary particles), Arthur H. Rosenfeld and Alan K. Meier (energy demand), Hans A. Bethe (energy supply), Donnelly (fluid dynamics), Ronald Eby (high polymer physics), Thomas N. Padikal (medical physics), Martin D. Harmony (molecular spectroscopy and structure), J. K. Tuli and S. Pearlstein (nuclear physics), John N. Howard (optics), David L. Book (plasma physics), Hershel Markovitz (rheology), H. P. R. Frederikse (solid-state physics), Homer D. Hagstrum (surface physics) and Yeram S. Touloukian (thermophysics). It may be purchased from AIP Marketing Services Department for $25.00 per copy or $20.00 each for orders of five or more to one address. —GBL

NAS auditorium *hosted meeting of over 300 attendees—largest in history of Corporate Associates. In front row are Roland Schmitt (left), chairman of Advisory Committee on Corporate Associates, and Norman Ramsey, chairman of AIP Governing Board.*