

Charles Weiner, director of the AIP Center for History and Philosophy of Physics, described current research and archival efforts, including tape-recorded interviews with several physicists who played significant roles in the development of nuclear physics



NOBEL LAUREATES Emilio Segrè and Hans A. Bethe talk during a break.

Fewer Prospective Employers Use AIP Placement Service

New numbers compiled by the American Institute of Physics Placement Service reveal a continuing buyer's market in physics employment. Final totals from the Washington American Physical Society meeting show the

in Great Britain, France and Italy as well as in the US.

Hans A. Bethe provided the highlight of the first day, informally describing the circumstances of his writing the famed review of the 1936-37 status of nuclear physics. The three articles in *Reviews of Modern Physics*, written with M. Stanley Livingston and Robert F. Bacher, soon became a standard reference subsequently dubbed the "Bethe Bible."

Roundtable discussion the next day was devoted to lively discussion, based on several of the participants' own experiences, of the motivations and circumstances surrounding the introduction, reception and impact of theoretical ideas that influenced the overall growth of nuclear physics. The AIP center will use the information, insight and suggestions developed during the discussion for the next phase. Work is already started on the role of experimentalists, instrument designers and others in the development of the field.

number of individuals seeking jobs rose from 786 in 1968 to 870 in 1969, whereas the number of employers present fell from 69 to 47.

The big difference at the Washington meeting showed up on the aca-

BIOLOGIST NAMED DIRECTOR OF NSF

A biologist who is no stranger to the physics community, William D. McElroy of Johns Hopkins University, has been named by President Nixon to be the next director of the National Science Foundation. McElroy technically will take over 1 July but will be a part-time director until September.

The new director has served on government panels — including the President's Science Advisory Committee in 1963-66 — and on boards of research consortiums — including Associated Universities, which operates Brookhaven National Laboratory and the National Radio Astronomy Observatory.

He told *PHYSICS TODAY* he felt it only natural that physicists might be concerned over the prospect of a biologist in the office and said he wanted to assure them that long exposure to the field has made him well aware of the needs and the problems of physics. While he said it was too early to make any very detailed comments, McElroy did outline his thinking on several key

issues he will face in office:

- The foundation has been absorbing new programs without receiving new money. He wants the NSF share of federal basic research money to be around 30% instead of the present 17%. "It should approach a billion dollars a year within several years."

- He believes very strongly in the individual grant system, which offers the advantages of scrutiny by peers, but also feels strongly that some form of institutional grants must be adopted.

- He does not accept the argument that some areas of science are producing too many new scientists. "We need good men," he said, and added that ways must be found to avoid sudden rises and dips in scientific effort.

McElroy was approached just three weeks before his appointment was announced by the White House 19 June. He said he will serve part time during the summer while he winds up his affairs at Johns Hopkins.

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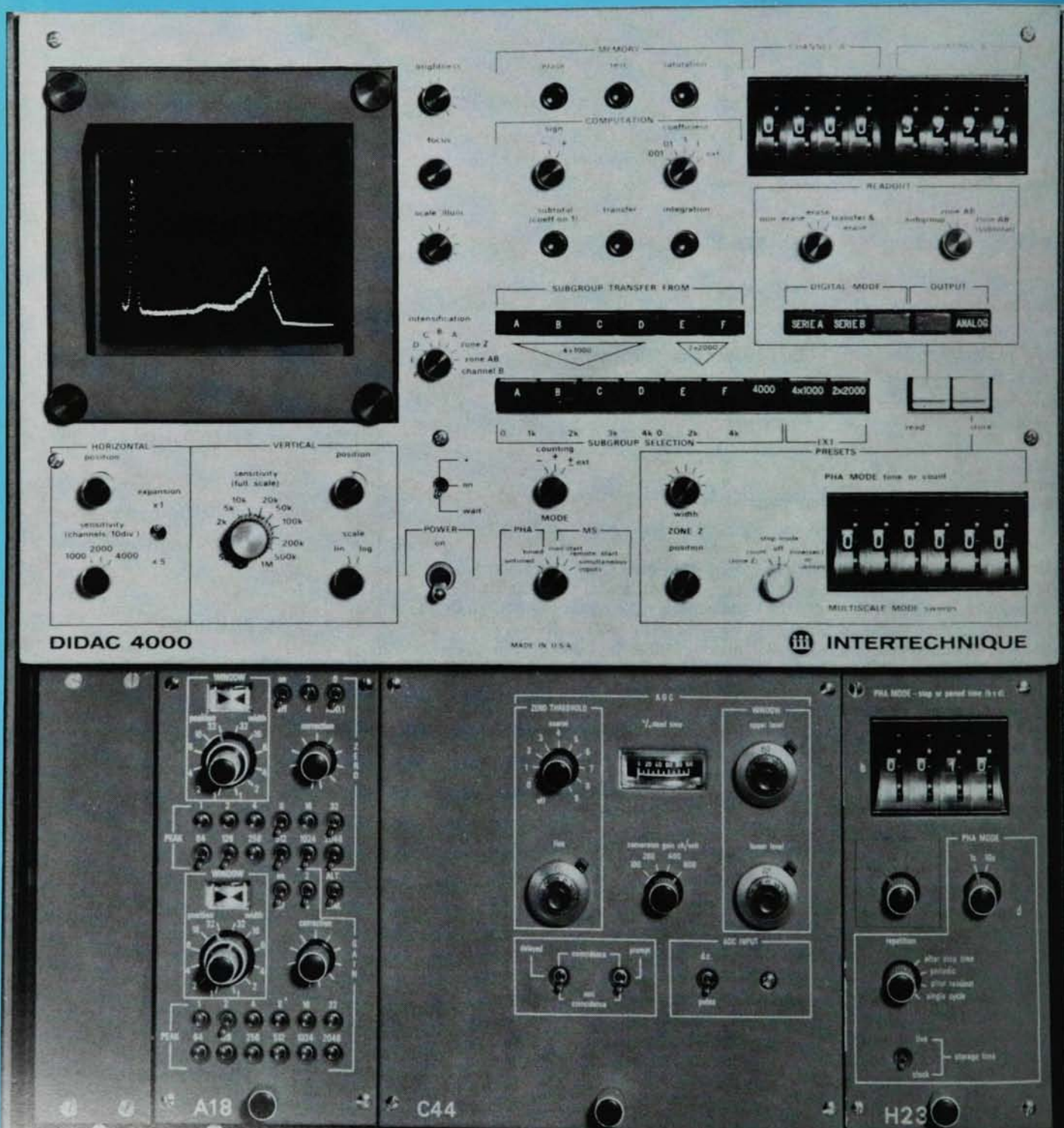
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demie side: Just 21 colleges and universities were looking, compared with 46 a year ago. The number of industrial employers rose from 13 to 17, and the government and nonprofit categories remained stable.

Concern over the situation is becoming more widespread. The National Academy of Sciences will make its own study of the education and employment of nuclear scientists; Alexander Zucker of Oak Ridge is expected to be chairman of a panel to be named in October. The AIP Manpower Studies Section is now analyzing interviews with industrial research directors around the country in a study of the match between physicists' education and the needs of industry.

PSNS Finds \$60 000 Surplus, Will Continue Another Year

The Physical Science for Nonscience Students project, which had been scheduled to terminate in June, has been extended for a year. When the National Science Foundation restored funds that had been cut early in 1968, PSNS found itself with a surplus of \$60 000.

The money will be used for: an evaluative program by Wayne Welch of Harvard Project Physics; five supplementary chapters to the PSNS textbook *An Approach to Physical Science*; and a series of PSNS workshops, co-sponsored with the textbook publisher, John Wiley and Sons.

Initiated in 1965 at Rensselaer Polytechnic Institute, PSNS was formed at the suggestion of the Commission on College Physics and the Advisory Committee of College Chemistry.

Pennsylvania Now Has State Registration of Laser Systems

Registering all laser systems and reporting subsequent injuries is now required by the Pennsylvania Department of Health. Since adoption of the regulation last June, 250 laser systems have been registered. No accidents had been reported by 1 May.

The Health Department's division of occupational health, which supervises the registration, hopes to visit laser sites to check safeguards and plans to sponsor a training course in laser-safety evaluation. Similar regulations exist in Massachusetts and Illinois.

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