



Appointments to the technical staff of Hughes Research and Development Laboratories include the following physicists: **H. Barhydt**, **C. R. Collett**, **J. D. Dudley**, **M. D. Ewy**, **V. L. Gentry**, **R. W. Keaton**, **H. D. Messer**, **J. W. Oberholtzer**, **M. Petrilak, Jr.**, **I. H. Solt, Jr.**, **R. F. Trampusch**, and **I. G. Weinberg**.

Norman Bekkedahl has been appointed chief of the polymer structure section at the National Bureau of Standards. A member of the Bureau staff since 1931, Dr. Bekkedahl succeeds **Irl C. Schoonover**, who has been named chief of the NBS mineral products division. The Bureau has also announced the appointment of **Harold K. Skramstad** to the electronics division and **Theodore R. Young** to the electricity division.

Richard H. Bolt, director of the interdepartmental acoustics laboratory at Massachusetts Institute of Technology since 1946, has been appointed professor of acoustics in MIT's department of electrical engineering. The creation of this new faculty post, according to an MIT announcement, presents the School of Engineering with a "unique opportunity . . . to make notable contributions in solving many of the engineering problems in acoustics which occur in today's industrial complex".

Manuel Bretscher, a recent graduate of Washington University in St. Louis, has joined the physics staff at Alabama Polytechnic Institute as an assistant professor.

S. Davis Bronson has established the Bronoptics Company specializing in "optical research, development, and high vacuum metalization". The Company, located at Sherman Oaks, California, will service west coast instrument manufacturers.

William W. Buechner, associate professor of physics at MIT in charge of the ONR Van de Graaff generator group, has been named a director of the High Voltage Engineering Corporation in Cambridge. The company manufactures superelectricity x-ray and other radiation producing machines used in nuclear and industrial research.

Burt H. Carroll, a senior research assistant in the emulsion research division of Kodak Research Laboratories, has been granted the Henderson Award of

the Royal Photographic Society of Great Britain, presented for the "most useful discovery in or essay on photographic chemistry".

E. Finley Carter, vice president and technical director of Sylvania Electric Products Inc., has accepted the position of manager of research operations at Stanford Research Institute. SRI has also announced that **Donald L. Benedict**, former assistant director of the engineering division, has been appointed director of physical sciences research, succeeding **William E. Rand**, who has resigned to become a vice president of Newhall Land and Farming Company.

Argonne National Laboratory has announced the appointments of the following staff members: in the physics division, **W. A. Chupka**, **R. E. Coté**, **L. A. Rayburn**, and **Carroll C. Trail**; metallurgy division, **L. Heaton**; and, in the reactor engineering division, **G. S. Brunson, Jr.**

Albert Einstein of the Institute for Advanced Study, and **James Franck**, of the Institute of Radiobiology and Biophysics at the University of Chicago, have been presented with honorary degrees of doctor of science in technology by Technion, the Israel Institute of Technology. The degrees were conferred at a special convocation of Technion held at Princeton on October 3rd.

George Glockler has been appointed chief scientist of the Office of Ordnance Research, succeeding **T. J. Killian**. Dr. Glockler joined the staff of OOR in June 1952 as director of the chemical sciences division, and was named deputy chief scientist in March 1953. Dr. Killian is now Dean of the School of Engineering and Architecture at Catholic University.

Harry D. Holmgren, **Robert Jastrow**, **Walter E. Kunz**, and **Lewis C. Thompson** have recently joined the staff of the nucleonics division of the Naval Research Laboratory.

Raphael Littauer, formerly with the Laboratory of Nuclear Studies at Cornell University, has joined the General Electric Research Laboratory staff in Schenectady. A specialist in electronic instrumentation, he will be a member of the Laboratory's electron physics department.

The National Bureau of Standards has announced the following appointments made at the NBS laboratory in Boulder, Colorado: **Kenneth A. Norton**, chief, radio propagation engineering division; **Russell B. Scott**, chief, cryogenic engineering; **Ralph J. Slutz**, chief, radio propagation physics; and **Harold A. Thomas**, chief, and **Harold Lyons**, assistant chief, in the radio standards division.

V. Lawrence Parsegian, former director of the research division of the Atomic Energy Commission's New York Operations Office, has been appointed chairman of the engineering group and professor of nuclear

engineering at Rensselaer Polytechnic Institute, Troy, N. Y. The Rensselaer engineering group includes seven degree-granting departments with an enrollment of more than 2000 students. Dr. Parsegian, a nuclear physicist, will coordinate the courses of study in these departments in relation to the entire educational program of the Institute, and will also develop the Institute's program for training nuclear engineers and scientists.

George B. Pegram, special advisor to the president of Columbia University and chairman of the Anglo-American-Hellenic Bureau of Education, was honored at a recent dinner arranged by the Bureau with a citation "for the priceless aid given our beloved Hellas". Since its founding in 1941, the Bureau has awarded 212 scholarships to Greek students for study in this country.

W. C. Redman has resigned as associate physicist and group leader in experimental physics at Argonne National Laboratory to accept the presidency of the Fournier Institute of Technology, Lemont, Illinois.

Hubert W. Scheunning, chairman of undergraduate physics at Polytechnic Institute of Brooklyn and a specialist in the solid state, has been promoted to the rank of full professor in the physics department.

Marcello L. Vidale, former physics instructor at Princeton University, has joined the operations research staff of Arthur D. Little, Inc., Cambridge, Massachusetts.

George H. Vineyard and **Denys H. Wilkinson** are new members of the physics department at Brookhaven National Laboratory. **Blaine N. Howard** and **Robert M. Sugarman** have joined the instrumentation and health physics department; **Theodore Auerbach** has joined the nuclear engineering department and **Raymond E. Benenson** and **Yoshio Shimamoto**, the reactor department.

Robert R. Wilson, director of Cornell University's Newman Laboratory of Nuclear Studies, is visiting the University of Paris as a consultant in the construction of an electron accelerator similar to the Cornell synchrotron. He will lecture both at the University and at the Sorbonne and is expected to return to Ithaca in February.

R. J. Wylde, former head of the physics branch of Naval Gun Factory's engineering department, has been named superintendent of the Electrical Laboratory at the Navy's Engineering Experiment Station at Annapolis, Maryland. He was assigned to head the Station's investigation and development of new and improved electric, electronic, and related equipment for Naval service.

Carroll L. Zimmerman has been appointed chief scientist of the Strategic Air Command. He served previously as chief of SAC's operations analysis branch.

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