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Applied research programs are under way in cloud physics, atmospheric electricity, radar meteorology and electromagnetic propagation.

Scientists with combined training in meteorology and physics are invited to write to the Laboratory for specific information about employment possibilities.

The Laboratory's professional employment prospectus, "A Community of Science," is available upon request. Please address J. T. Ruch and ask for booklet T-5.



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of energy. This work is international in coverage and includes the most recent data available from many laboratories throughout the world.

Programs and Facilities

On April 23rd, in connection with the 100th anniversary of Max Planck's birth, the Quantum Chemistry Group of Uppsala University in Sweden formally inaugurated a new quantum chemistry laboratory and its associated electronic computer-the "Quantatron". The laboratory, which consists of a machine hall and 15 rooms for theoretical research, is situated in a private house close to the main building of the University. The "Quantatron" is actually an Alwac III-E with 8192word drum memory (produced by Logistics Research Corp. of Redondo Beach, Calif.) which has been slightly rebuilt to make it better adapted to its present use. The ceremony was attended by 50 representatives of Swedish and Scandinavian universities and research organizations. The US was represented by William Cochran of the American Embassy, Cultural Attaché Lawrence O. Carlson, and a five-man delegation from the European Office of the Air Research and Development Command (Brussels) headed by its deputy commander, Col. R. E. Nelson. The Quantum Chemistry Group has had a number of foreign scientists on its staff-including Harrison Shull of the University of Indiana and M. A. Melvin of Florida State University-and has been visited from time to time by physicists and chemists from the US and elsewhere. The group's director of research is Per-Olov Löwdin. It is sponsored by "King Gustaf VI Adolf's 70-year Fund for Swedish Culture", the Knut and Alice Wallenberg Foundation, the Swedish Natural Science Research Council, Uppsala University, the Aeronautical Research Laboratory, Wright Air Development Center (through the European Office of ARDC), and the Texas-Swedish Cultural Foundation.

Stevens Institute of Technology, Hoboken, N. J., will expand its educational program this fall to include a new four-year curriculum in mathematics and the physical sciences for undergraduates. Leading to a BS degree, the curriculum will include such topics as atomic physics, geophysics, and physical chemistry.

Atomics International, a division of North American Aviation, Inc., intends to construct a \$2 million remote handling facility near Los Angeles for the study of radioactive reactor components. Scheduled for completion next spring, the facility will include four hot cells, a mock-up area for simulating hot-cell operations, and laboratory and office space.

Aeronutronic Systems, Inc., a subsidiary of Ford Motor Company, is constructing a new computer development building at its aeronautics laboratory site near Newport Beach, Calif. It is expected to be in operation next summer and will be equipped for research, development, and manufacture of special purpose military and commercial computers.

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Raytheon Manufacturing Company has announced that its new Microwave and Power Tube Division Laboratory, now being built in Burlington, Mass., will be named for Percy L. Spencer, manager of the division for the past sixteen years. The Spencer Laboratory will have space for a staff of about 1000.

New Midwest Research Group

Twenty-six educational and research institutions have formed an inter-university corporation to be known as Associated Midwest Universities, according to an announcement distributed by Argonne National Laboratory. Associated Midwest Universities (AMU)—not to be confused with the Midwestern Universities Research Association (MURA)—has been incorporated as a nonprofit corporation under the laws of the state of Illinois and will have its headquarters at Argonne's main site near Lemont, Ill.

Intended as a successor to the organization formerly known as the Participating Institutions of Argonne National Laboratory, AMU was organized with the following aims: "(1) To promote, encourage, and conduct research and education in all branches of science, including but not limited to nuclear science in relation to all other fields of science; (2) To establish means for facilitating the use of the Argonne National Laboratory and other laboratories by duly qualified personnel and students from the several cooperating institutions and other research and educational institutions; and (3) To establish, maintain, and operate laboratories and other facilities as necessary for research and education."

AMU will be governed by a board of directors made up of eight members, including the following three physicists: Raymond G. Herb, professor of physics at the University of Wisconsin; Robert S. Shankland, professor of physics at Case Institute of Technology; and Newell S. Gingrich, head of the Physics Department at the University of Missouri. Officers include James H. Jensen, provost of Iowa State College, as president; Laurence L. Quill, head of Michigan State University's chemistry department, as vice president; and Joseph C. Boyce, dean of the graduate school at Illinois Institute of Technology, as secretary and acting treasurer.

Initial members of the group are Battelle Memorial Institute, Carnegie Institute of Technology, Case Institute of Technology, Illinois Institute of Technology, Iowa State College, Kansas State College, Loyola University (Chicago), Marquette University, Mayo Foundation, Michigan State University, Northwestern University, Oklahoma State University, Purdue University, St. Louis University, State University of Iowa, Washington University, Wayne University, Western Reserve University, University of Chicago, University of Cincinnati, University of Illinois, University of Kansas, University of Michigan, University of Minnesota, University of Missouri, and University of Notre Dame.