

of Cape Town (to be presented by some American technologist).

"Methods for Determining Particle Size Distribution," L. T. Work, Metal and Thermit Corporation, and Herbert Schweyer, Columbia University.

"Surface Area of Portland Cement," Paul S. Roller, physical chemist, Eastern Experiment Station, U. S. Bureau of Mines, and P. V. Roundy, Jr., cooperative fellow, American Instrument Company.

"RCA Electron Microscope," James Hillier, RCA Laboratories.

#### AWARD OF THE LAMME MEDAL OF THE AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS

THE 1940 Lamme Medal of the American Institute of Electrical Engineers has been awarded to Comfort Avery Adams, consulting engineer of the Edward G. Budd Mfg. Co., Philadelphia, "for his contributions to the theory and design of alternating current machinery and his work in the field of electric welding." The medal and certificate will be presented to him at the annual summer convention of the institute, which is to be held in Toronto, from June 16 to 20.

The Lamme Medal was founded as a result of a bequest of the late Benjamin G. Lamme, chief engineer of the Westinghouse Electric and Manufacturing Company, who died on July 8, 1924, to provide for the annual award by the institute of a gold medal (together with a bronze replica thereof) to a member of the American Institute of Electrical Engineers, "who has shown meritorious achievement in the development of electrical apparatus or machinery" and for the award of two such medals in some years if the accumulation from the funds warrants. A committee composed of nine members of the institute awards the medal.

Mr. Lamme made similar bequests to the Society for the Promotion of Engineering Education and to the Ohio State University, providing in the former for the annual award of a medal "for accomplishment in technical teaching or actual advancement of the art of technical training," and in the latter for the annual award of a medal to a graduate of the Ohio State University in any branch of engineering for meritorious achievement in engineering or the technical arts. The three organizations adopted a common obverse for their medals, and each prepared a suitable reverse.

Previous awards of the Lamme Medal of the American Institute of Electrical Engineers were: 1928, Allan B. Field; 1929, Rudolf E. Hellmund; 1930, William J. Foster; 1931, Giuseppe Faccioli; 1932, Edward Weston; 1933, L. B. Stillwell; 1934, Henry E. Warren; 1935, Vannevar Bush; 1936, Frank Conrad; 1937, R. E. Doherty; 1938, Marion A. Savage; and 1939, Norman W. Storer.

#### THE AMERICAN INSTITUTE OF MINING AND METALLURGICAL ENGINEERS

THE American Institute of Mining and Metallurgical Engineers was held in the Engineering Societies Building, New York, from February 7 to 20.

The Medals and Honors of the institute were presented at the annual banquet at the Commodore Hotel on the evening of February 19. The list follows:

The William Lawrence Saunders Gold Medal to Herman C. Bellinger, "for distinguished service to the mining industry during the period of its modern development, as engineer, manager and executive officer of important mining companies. For his contribution to the arts of mining in the United States, Canada, Mexico, Australia and South America, and particularly for the successful initiation and adoption of improved methods, practices and procedures at the Chuquicamata copper mine in Chile."

The Anthony F. Lucas Medal to Conrad Schlumberger, posthumously, and Marcel Schlumberger, his brother, "for development of the art of electrical coring or electrical logging. Electrical logging has proved of immense value in interpreting underground structure, locating faults, thereby assisting in the finding and production of oil. Utility of shotgun perforation, stage-cementing and various other inventions are subsidiary to and dependent upon successful electrical coring."

The Charles F. Rand Gold Medal to Robert Crooks, "for his pioneering leadership during a period of active growth and development of a world-wide enterprise involving the mining of nickel ores, the metallurgical treatment thereof and the expansion and diversification of world markets for nickel products. For his able direction of the corporation encompassing these activities, which has established an enviable record in its relations with employees, stockholders and with the public."

The Robert W. Hunt Awards for 1941 to Alden B. Greninger and Alexander R. Troiano, for their paper, contributed to the institute, entitled "Crystallography of Austenite Decomposition," and to G. E. Steudel, for his paper, contributed to the institute, entitled "Effect of the Volume and Properties of Bosh and Hearth Slag on Quality of Iron."

The J. E. Johnson, Jr., Award to Karl F. Hoffmann, for his paper, presented to the institute, entitled "Manufacture of Low-silicon Pig Iron Using High Blast Temperatures."

The Division Award for 1941 of the Institute of Metals was presented at the dinner to S. E. Maddigan and A. I. Blank, for their paper entitled "Recovery and Recrystallization in Long-time Annealing of 70-30 Brass." Dr. Maddigan is research physicist, and Mr. Blank, research assistant, at the Chase Brass and Copper Company, Waterbury, Conn.

#### A PROPOSED SOUTHERN SCIENTIFIC SOCIETY

At the meeting of the Alabama Academy of Science on March 29 and 30, 1940, it was agreed that the Ala-

bama Academy would sponsor a meeting of southern scientists in 1941. Therefore, plans have been made for a meeting of those who wish to attend from a large Southern area. No very definite geographic limits have been set, the idea being to welcome any interested southern scientists. Representative attendance from several states is already assured.

In *SCIENCE*, July 5, 1940, there appeared an unusually cogent article entitled "Scientific Research the Hope of the South," by Professor George D. Palmer, of the University of Alabama. This article was doubtless caused partly by preceding discussions. It certainly has been the cause of much subsequent discussion and planning. Persons who have not read that article will enjoy doing so, and many will think of additions that they would like to make upon that topic. Helping in the plans for the meetings in Mobile on March 20 and 21 are many individuals, industrial and educational institutions, and such successful scientific bodies as the Southern Biologists Association, the Southeastern Branch of the American Meteorological Society and others. The Alabama Academy of Science is acting as planning host.

The major immediate purpose of the Mobile meeting is to consider the desirability of organizing a Southern or Southeastern Scientific Society. There will be a program of scientific papers. There will be abundant provision for discussion of scientific discoveries, needs and opportunities. There will be a dinner of southern scientists on Thursday evening, the twentieth, and a dinner of the Alabama Academy on Friday evening, the twenty-first. Those desiring to participate in the meetings, or to make dinner reservations, should write to Professor George D. Palmer, University, Alabama.

Perhaps it should be stated that the proposed Southern Scientific Society would not necessarily be affiliated with the American Association for the Advancement of Science. The General Secretary of the association is a delegate to the Mobile meeting for the purpose of cooperating in any service for science and citizens.

OTIS W. CALDWELL

*General Secretary of the American  
Association for the Advancement of Science*

## SCIENTIFIC NOTES AND NEWS

SCIENTIFIC men who are included in the list of New Year honors conferred by King George are: *Baronet*, Dr. Hugh Lett, president of the Royal College of Surgeons of England; *Knight Commander of the Bath*, Dr. Edward Victor Appleton, secretary of the Department of Scientific and Industrial Research, previously Jacksonian professor of natural philosophy at the University of Cambridge; *Knight Bachelor*, Dr. William Lawrence Bragg, Cavendish professor of experimental physics at the University of Cambridge, who will be known as Sir Lawrence Bragg, and Dr. John Sealy Edward Townsend, Wykeham professor of physics at the University of Oxford; *Companion of St. Michael and St. George*, Dr. Robert Thomson Leiper, professor of helminthology at the University of London.

THE honorary degree of doctor of science has been granted by the National University of Ireland to Dr. Gordon M. Holmes and Dr. F. M. R. Walshe, consulting neurologists in London, "in view of their distinction as neurologists, and in recognition of their valuable contributions to medical literature," and to Professor Ernest William Hay Groves, professor emeritus of surgery at the University of Bristol, "in view of his eminence as an orthopedic surgeon, and an internationally recognized authority on the literature of his subject." Dr. Walshe was visiting neurologist at the Johns Hopkins Hospital in 1925.

For "outstanding work in physics" Professor A. F.

Joffe, member of the Academy of Sciences of the U.S.S.R., has been awarded the Order of Lenin, the highest honor of the Soviet Union. The award was made on the occasion of his sixtieth birthday, in recognition of work on the mechanical and electrical properties of crystals, on the photoelectric effect, on the magnetic field of projectiles and on the manufacture of plastic synthetic rubber.

THE Civic Achievement Medal of the Municipal Museum Commission of Rochester, N. Y., was presented on February 19 at the annual convocation of the commission to Frank William Lovejoy, president of the Eastman Kodak Company. The first medal was awarded in 1938 to Dr. Herman Le Roy Fairchild, professor emeritus of geology at the University of Rochester, who celebrated his eighty-fifth birthday on April 29 of that year.

DUE to the illness of Dr. Alexander Silverman, head of the department of chemistry of the University of Pittsburgh, the Pittsburgh Section of the American Chemical Society has postponed the presentation of the Pittsburgh Award for 1940 from February 20 to March 20. It will be presented to Dr. Silverman at a dinner at the University Club in Pittsburgh preceding the March meeting of the section. Dr. William Lloyd Evans, head of the department of chemistry at the Ohio State University and president of the American Chemical Society, will attend the dinner and will address the section that evening.