

These papers concern fundamental questions and will help to show the intimate relationship between soil science and agricultural industry.

The proceedings of the conference will be published in the form of a volume of about 1,000 pages, containing all communications, reports, memoirs, discussions, etc., illustrated with diagrams, graphs, figures and maps and will be useful to scientific institutes and laboratories dealing with agriculture, for agricultural experiment stations, agricultural colleges, fertilizer manufacturers, irrigation and reclamation engineers, etc.

The price to members for copies of the proceedings is 15s., and to others 30s. Further particulars may be obtained from the Organizing Committee of the Fourth International Conference on Soil Science, International Institute of Agriculture, Villa Umberto I, Rome, 10.

THE COMMITTEE ON GRANTS OF THE AMERICAN ASSOCIATION

THE Committee on Grants of the American Association for the Advancement of Science has elected as chairman of the committee Dr. David White, of the U. S. Geological Survey. The membership of the Committee on Grants for the current year is as follows:

- David White (1924) (for Geology), *chairman*; U. S. Geological Survey, Washington, D. C.
 B. M. Davis (1927) (for Botany); University of Michigan, Ann Arbor, Mich.
 W. D. Harkins (1926) (for Chemistry); University of Chicago, Chicago, Ill.
 C. J. Herrick (1924) (for Neurology); University of Chicago, Chicago, Ill.
 Aleš Hrdlička (1927) (for Psychology, Anthropology, Education, Economics); U. S. National Museum, Washington, D. C.
 E. L. Nichols (1925) (for Physics); Cornell University, Ithaca, N. Y.
 Frank Schlesinger (1926) (for Mathematics and Astronomy); Yale Observatory, New Haven, Conn.
 H. V. Wilson (1925) (for Zoology); University of North Carolina, Chapel Hill, N. C.

Applications for grants from the association should be addressed to the permanent secretary's office, by which they will be promptly transmitted to the members of the Committee on Grants. The appropriation of grants for the current year has been allotted and new applications will be considered as applying for the calendar year 1925. A list of the grants for 1924 has been published in *SCIENCE* for March 28.

THE INSTALLATION OF THE JOHNS HOPKINS CHAPTER OF SIGMA XI

THE installation of the Johns Hopkins Chapter of

the Society of the Sigma Xi was held at the Rennert Hotel, Baltimore, Md., on February 29. The meeting was called to order by President Richtmyer, of the national society.

Dean Ellery, national secretary, read the petition for a chapter at the Johns Hopkins University, and reported that the petition had been unanimously granted at the convention in Cincinnati. President Richtmyer spoke briefly concerning the purposes of the society and then declared the Johns Hopkins Chapter established with the following as charter members:

J. J. Abel	W. T. Longcope
J. S. Ames	Mrs. R. S. Lynch
E. A. Andrews	S. O. Mast
W. S. Bear	E. B. Mathews
F. H. Baetjer	E. V. McCollum
E. W. Berry	P. D. Meader
J. C. Bloodgood	Adolf Meyer
C. G. Bull	S. R. Miller
G. H. Cartledge	J. R. Miner
A. G. Christie	Frank Morley
W. W. Cort	F. D. Murnaghan
R. P. Cowles	W. A. Patrick
T. S. Cullen	Raymond Pearl
S. R. Damon	A. H. Pfund
Knight Dunlap	M. W. Pullen
E. C. Faust	E. E. Reid
W. W. Ford	G. H. Robinson
J. C. W. Frazer	C. E. Simon
J. E. Gilpin	J. T. Singewald, Jr.
J. H. Gregory	J. C. Smallwood
R. W. Hegner	C. D. Snyder
W. N. Hess	R. A. Spaeth
W. H. Howell	G. L. Streeter
L. S. Hurlburt	F. H. Swett
R. S. Hyde	W. M. Thornton, Jr.
Miss B. J. Johnson	H. W. Waterfall
D. S. Johnson	L. H. Weed
Walter Jones	W. H. Welch
W. B. Kouwenhoven	J. B. Whitehead
P. D. Lamson	J. W. Williams
F. W. Lee	G. B. Wislocki
B. E. Livingston	

Professor A. G. Christie accepted the charter and responded on behalf of the chapter.

The following charter members were initiated as active members at this time:

E. A. Andrews	F. W. Lee
F. H. Baetjer	Mrs. R. S. Lynch
E. W. Berry	S. O. Mast
Knight Dunlap	E. B. Mathews
W. W. Ford	S. R. Miller
J. E. Gilpin	M. W. Pullen
J. H. Gregory	E. E. Reid
L. S. Hurlburt	H. W. Waterfall
Miss D. J. Johnson	L. H. Weed
W. B. Kouwenhoven	J. B. Whitehead
P. D. Lamson	

With Professor Mast acting as secretary *pro tem* the chapter proceeded to elect officers to serve for the remainder of the academic year. The election resulted as follows:

President: A. G. Christie

Vice-president: P. D. Meader

Secretary-treasurer: G. H. Cartledge

President Christie took the chair. It was moved and carried that a committee be appointed to prepare a set of by-laws. The president appointed Messrs Dunlap, Kouwenhoven and Wislocki.

On motion the remainder of the business was postponed until after dinner. Thirty of the members were present at dinner, with the national officers and President Goodnow, of the university, as guests.

After dinner Dean Ellery addressed the chapter on the history and significance of the society, referring particularly to the new membership requirements, the numerical and territorial growth of the society, and the widening field of its activities. At the conclusion of the address there was an informal discussion of numerous details in connection with the conduct of the chapter.

The chair then introduced President Goodnow, who felicitated the chapter and spoke appreciatively of the purposes of the Sigma Xi.

The principal address was made by President Richtmyer, his subject being, "Faraday and Maxwell, and Modern Physics." Using these investigators as illustrations, he spoke very entertainingly of the obligations which we owe to the pioneers in research.

By a rising vote the chapter expressed its appreciation of the presence and services of the national officers.

G. H. CARTLEDGE,
Secretary

THE AMERICAN CHEMICAL SOCIETY

THE general program of the sixty-seventh meeting of the American Chemical Society, held in Washington, from April 21 to 26, is as follows:

MONDAY, APRIL 21

Registration, Council Meetings.

TUESDAY, APRIL 22

10:00 a. m.

The convention welcomed by R. S. McBride, president of the Washington Section of the society, who then surrenders the chair to Dr. Leo H. Baekeland, president of the society.

GENERAL ADDRESSES

Robert A. Millikan, professor of physics, California Institute of Technology, "The Atom as seen by the Physicist."

Gilbert N. Lewis, professor of chemistry, University of California, "The Atom as seen by the Chemist."

2:00 p. m.

Special General Divisional Programs

Chemistry of Medicinal Products.

Industrial and Engineering Chemistry.

Organic Chemistry.

Physical and Inorganic Chemistry

4:30 p. m.

Tea at residence of Dr. and Mrs. Atherton Seidell.

8:00 p. m.

New National Museum. (1) Motion picture, "Boat Trip through Grand Canyon," with narrative by Roland W. Burchard, of U. S. Geological Survey party which made this exploration. (2) Reception.

WEDNESDAY, APRIL 23

Divisional and Sectional Meetings.

Sightseeing bus trip and luncheon for ladies.

Excursions to Government Laboratories.

8:00 p. m.

Address, "The Expansion of Chemistry," by Edwin E. Slosson, followed by social evening with music and refreshments—large and small ball rooms, New Willard Hotel. Admission by badge or by guest ticket.

THURSDAY, APRIL 24

9:30 a. m.—Divisional and Sectional Meetings.

12:30 p. m.—It is expected that the society and guests will be received by the president.

2:30 p. m.—Excursion to Mount Vernon.

6:30 p. m.—Group and fraternity functions.

7:30 p. m.—Technical and popular motion pictures, shown by Department of Agriculture and by Bureau of Mines.

FRIDAY, APRIL 25

9:30 p. m.—Divisional and Sectional Meetings.

1:30 p. m.—Division Meetings (concluded). Excursions to Government Laboratories.

4:00 p. m.—Tea for ladies. Mrs. Charles L. Parsons, hostess.

7:00 p. m.—Subscription Dinner and Dance.

SATURDAY, APRIL 26

All day Excursion to Edgewood Arsenal, Md. Special train leaves Edgewood to reach New York in time for Garvan Dinner.

SCIENTIFIC NOTES AND NEWS

At the annual meeting of the National Academy of Sciences, to be held in Washington on April 28, the new building of the National Academy and the National Research Council will be dedicated. The president of the academy, Professor A. A. Michelson, will preside and it is understood that President Coolidge will make an address. Dr. John C. Merriam, president of the Carnegie Institution of Washington, will