

# Association Affairs

## Additional Program Notes, Hotel Headquarters, and Housing for the New York Meeting

The preliminary announcement of the eighth New York meeting of the American Association for the Advancement of Science, to be held 26–31 December 1960 [*Science* **131**, 1616 (27 May 1960)], was principally an outline of the many sessions of the 18 AAAS sections and of some 85 participating organizations. It was apparent not only that this year's meeting in New York's Grand Central zone will be well balanced in its coverage—with every principal field of science, from astronomy to zoology, well represented—but that the programs, including the special sessions, will be particularly attractive. Since virtually all the sessions will be held in one or another of four hotels located within a few blocks of each other, the meeting also will be particularly convenient.

Additional details of the program of this 127th AAAS meeting have come in since publication of the preliminary announcement. In several instances symposia have been expanded, speakers of prominence have accepted invitations, and program chairmen have raised their original attendance estimates. The following supplementary information about various programs can be announced at this time.

### Special Sessions

**26 December, evening.** AAAS General Symposium, "Moving Frontiers of Science," part I. Following Edward Anders, who will speak on "Recent work on meteorites," the second speaker will be H. W. Magoun, chairman of the department of anatomy, University of California, Los Angeles. He will lecture on "Development of present concepts of the organization of the brain."

**27 December, evening.** As previously announced, Sir Charles P. Snow will state the major aspects of the critical challenge to scientists of the conditions—social, political, and moral—that exist in the world today. Two speakers who will give their views on how scientists should respond to the current challenge will be Theodore M. Hesburgh, president of the University of Notre Dame, and William O. Baker,

vice president of research, Bell Telephone Laboratories. Warren Weaver, vice president of the Alfred P. Sloan Foundation, will preside.

**28 December, afternoon.** AAAS General Symposium, "Moving Frontiers of Science," part II. As previously announced, George Wald, professor of biology of Harvard University, will lecture on "The molecular basis of vision." The other speaker will be Herman H. Goldstine, resident manager, Lamb Estate Research Center, IBM Corporation, Yorktown Heights, N.Y. His subject will be the current status of information theory and its mathematical basis.

**29 December, evening.** The annual joint address of the Society of the Sigma Xi and the United Chapters of Phi Beta Kappa will be given by Polykarp Kusch, executive officer, department of physics, Columbia University, and recipient of the Nobel prize in physics, 1955.

### Symposia Notes

**Physical sciences.** The two-session symposium on "The Impact of the Space Program on the Sciences," to be held under the auspices of the Planetary Sciences Committee of the American Geophysical Union, is being arranged by Robert Jastrow of the National Aeronautics and Space Administration. It is scheduled for the morning and afternoon of 26 December, so that it will precede, and not conflict with, the four sessions of the American Astronautical Society (27 and 28 December) and the national meeting of the American Astronomical Society (29–31 December). Included will be papers on the structures of the planets, the atmospheres of the planets, earth-sun relationships, some frontiers of astronomy, cosmology, molecular biology, and the origin of life. Speakers of prominence have been invited, both for their scientific accomplishments and their speaking ability.

The symposia and the sessions for contributed papers of Section C—Chemistry are being arranged with the assistance of the New York Section of the American Chemical Society.

**Geology and geography.** Section E will sponsor a symposium on the Moho project to drill a deep hole to the outer layer of the earth's crust. This will present the latest developments in a

project which was first publicly discussed at the meeting of the American Association of Petroleum Geologists in Atlantic City this spring. It will include discussion of the history of the project, its scientific objectives, instrumentation problems, and the development of special equipment for drilling in great depths of water. Harry S. Ladd of the U.S. Geological Survey will be chairman.

The program of the Association of American Geographers, New York-New Jersey Division, in addition to the symposium on "Urban Renewal," which the organization is cosponsoring, and two sessions for contributed papers, will include symposia on "Recent Post-glacial Events in Southern South America," "Africa South of the Sahara," and "Soviet Geography."

**Biological sciences.** The New York Academy of Sciences is scheduling a two-session conference on electrobiology with the AAAS, for 30 December. Dominic Purpura, associate professor of neurophysiology in research, College of Physicians and Surgeons, Columbia University, is chairman of the conference.

An addition to the substantial group of biological societies participating in the AAAS meeting is the Mycological Society of America, which will sponsor a special program in its field.

**Psychology.** Many of the details of the program of Section I are now available. Speakers and titles in the symposium on "The Physiology of Feeding and Drinking Behavior" (arranger and chairman, Eliot Stellar, University of Pennsylvania Medical School), to be held the morning of 29 December, are as follows: John Brobeck (University of Pennsylvania Medical School), "Feeding and energy balance"; Alan N. Epstein (University of Pennsylvania Medical School), "Intrahypothalamic injections and feeding and drinking"; Charles Hamilton (Veterans Administration Hospital, Philadelphia), "Hypothalamic obesity and dominance in the rhesus monkey"; Albert Stunkard (University of Pennsylvania Medical School), "Analysis of obesity in man"; Philip Teitelbaum (University of Pennsylvania Medical School), "Aphagia versus adipisia in lateral hypothalamic starvation."

The vice-presidential address of Clifford T. Morgan, University of Wisconsin, "The Neural Encoding of Sensory Information," will precede the symposium on "Concept Formation" (Roger Shepard, Bell Telephone Laboratories, arranger), also to be held the afternoon of 29 December.

Speakers and titles in the symposium on "Applications of Behavior Technology" (arranger and chairman, Murray Sidman, Walter Reed Army Institute of Research), to be held the morning

of 30 December, are: Robert Clark (Walter Reed Army Institute of Research), "Behavioral problems in radiation research"; James G. Holland (Harvard University), "Education as a problem in behavioral manipulation"; Arthur J. Bachrach (University of Virginia School of Medicine), "The social manipulation of verbal behavior"; Charles B. Ferster (Indiana University Medical Center), "Behavior deviations in children"; Thom Verhave (Eli Lilly and Company), "The use of behavior and of behavioral variables in industry"; Joseph V. Brady (Walter Reed Army Institute of Research), discussant.

Section I will cosponsor the symposium of the American Psychiatric Association, "Expression of the Emotions in Man," which has added a fifth session, to be held the evening of 30 December.

*Medical sciences.* The program of Section N—Medical Sciences, on "Biophysics of Physiological and Pharmacological Actions," arranged by A. M. Shanes, National Institutes of Health, to be held 26–28 December, has also been expanded from four to five sessions. Speakers and chairmen are as follows.

Part I: "Introduction and elementary systems" (transport models and models for drug interaction). A. M. Shanes (National Institutes of Health), J. F. Hoffman (National Institutes of Health), R. L. Post (Vanderbilt University School of Medicine), T. Hoshiko (Western Reserve University School of Medicine), N. L. Gershfeld (National Institutes of Health). T. Shedlovsky (Rockefeller Institute), presiding.

Part II: "Nerve—structure, electrochemistry, energetics." J. David Robertson (McLean Hospital, Boston, Mass.), W. P. Hurlbut (Rockefeller Institute), F. A. Dodge (National Institutes of Health); K. Koketsu (University of Illinois College of Medicine, Chicago), J. M. Ritchie (Albert Einstein College of Medicine). K. S. Cole (National Institutes of Health), presiding.

Part III: "Muscle, I—electrochemistry, action potentials, excitation." P. Horowicz (Washington University, St. Louis), R. Swan (Cornell University Medical School, New York), Walter H. Freygang, Jr. (National Institutes of Health), G. Falk (University of Washington), C. P. Bianchi (Institute for Muscle Disease, New York), A. M. Shanes (National Institutes of Health), William G. van der Kloot (New York University School of Medicine). A. Sandow (Institute for Muscle Disease, New York), presiding.

Part IV will be preceded by the vice-presidential address of Carl F. Schmidt, University of Pennsylvania School of Medicine, and by the presen-

tation of the 16th Theobald Smith Award.

Part IV: "Muscle, II—structure and contraction, general energetics, possible contraction models." L. D. Peachey (Columbia University), A. Sandow (Institute for Muscle Disease, New York), R. E. Davies (University of Pennsylvania School of Medicine), R. Podolsky (Naval Medical Research Institute), Harry Grundfest (College of Physicians and Surgeons, Columbia University). W. O. Fenn (University of Rochester School of Medicine and Dentistry), presiding.

Part V: "Muscle, III—heart fibers, smooth muscle." B. F. Hoffman (State University of New York School of Medicine, New York City), J. W. Woodbury (University of Washington), S. Winegrad (National Institutes of Health), W. C. Holland (University of Mississippi Medical School), W. Trautwein (Heidelberg University), L. Hurwitz (Vanderbilt University School of Medicine), L. Barr (University of Michigan Medical School). C. Ladd Prosser (University of Illinois), presiding.

*Dental research.* Section Nd will hold a two-session symposium on "Keratinization" (chairman, Earl O. Butcher, New York University College of Dentistry), in the morning and afternoon of 30 December. The speakers and titles are: A. Gedeon Matoltsky (Johnson Memorial Hospital, Miami, Florida), "The mechanism of keratinization"; Russell J. Barnett (Yale University School of Medicine), "The biochemistry of keratinization"; J. A. Rhodin and Edward J. Reith (New York University School of Medicine), "Keratinization process as seen in the electron microscope"; Irvin H. Blank (Harvard Medical School), "The effect of environment on the physical characteristics of epithelium"; George Szabo (Harvard Medical School), "Keratinization in tissue culture"; Jerome P. Parnell (College of Medicine, Downstate Medical Center of New York), "Effects of vitamin A on keratinization"; M. L. Watson (University of Rochester School of Medicine and Dentistry), "Fine structure of ameloblastic fibril formation"; K. A. Piez (National Institute of Dental Research), "Chemistry of the organic matrix of enamel."

*Social and economic sciences.* The program of the National Academy of Economics and Political Science, cosponsored by Pi Gamma Mu National Social Science Honor Society, will be a symposium, "The Technological Revolution and its Policy Influence," to be held the morning of 27 December.

*History of science.* The History of Science Society, which will hold its biennial meeting with the AAAS, has announced that the first George Sarton Memorial Lecture will be given by

René Dubos of the Rockefeller Institute on 27 December.

Speakers and titles in the symposium on "Fairly Recent Science and Technology" (chairman, Lynn T. White, University of California), to be held the afternoon of 27 December, are: Alexander M. Ospovat (University of North Dakota), "Abraham Gottlob Werner's ideas on science and education"; Harold I. Sharlin (Polytechnic Institute of Brooklyn), "The engineering gap between Faraday's discovery of electromagnetic induction and the electric dynamo."

Speakers and titles in the symposium "The Scientific Mainstream" (chairman, Duane H. D. Roller, University of Oklahoma), to be held the afternoon of 28 December, are: Allen G. Debus (Harvard University), "The development of analytic methods in chemistry prior to Robert Boyle"; C. Doris Hellman (Pratt Institute), "A kaleidoscope of appraisals of the importance of Tycho and Kepler"; Rudolph E. Siegel (University of Buffalo), "Galen's experiments and clinical observations on circulation and respiration."

Speakers and titles in the symposium "Reports on Work in Progress" (chairman, Marshall Clagett, University of Wisconsin), to be held the morning of 29 December, are: Saul Benison (Columbia University), "Oral history of contemporary American science"; Harold L. Burstyn (Harvard University), "Galileo's attempt to prove that the earth moves"; Gerald J. Gruman (Johns Hopkins University), "Medical alchemy: A study in comparative history"; Thomas M. Smith (University of Oklahoma), "Application of the digital computer to the analysis of variant readings of medieval texts"; W. James King (Smithsonian Institution), "The role of measurement in the natural philosophy of Galileo and Huygens"; Eri Yagi (Yale University), "The growth of modern science in Japan"; Duane H. D. Roller (University of Oklahoma), "Report on the teaching of history of science in American colleges"; Allan R. Robinson (Harvard University), "The development of atomic models: Kelvin to Bohr."

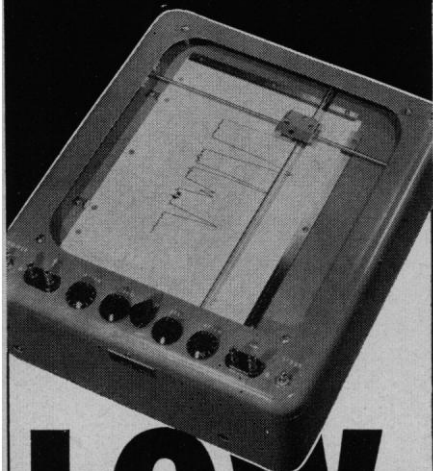
#### Local Committees

The Association, again this year, is fortunate in having an ideally qualified general chairman of the meeting and fortunate in the committee chairman he has already appointed.

The general chairman of the eighth New York meeting is Eger V. Murphree, president of Esso Research and Engineering Company, who has been a member of the advisory committee of the AEC since 1950, is a member of the National Academy of Sciences, and holds membership in a number of scientific societies.

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The chairman of the Committee on Exhibits is William O. Baker, vice president for research, Bell Telephone Laboratories; he was a member of the same committee when the AAAS met in New York in 1956.

The chairman of the Committee on Public Information is Marion Harper, Jr., president of McCann-Erickson, Inc.; he headed the same committee at the previous New York meeting.

The chairman of the Committee on Physical Arrangements is Harry A. Charipper, head of the department of biology, New York University, Washington Square Center, who aided that committee in 1949 and 1956; he is also in charge of local arrangements for this year's meeting of the American Society of Zoologists.

### Housing

Four of the five hotels for the AAAS meeting have established uniform flat rates, much lower than their usual rates, for AAAS members and others attending the meeting. Thus, everyone who makes room reservations through the AAAS Housing Bureau can be assured of substantial savings.

Beginning with this issue, the advertising pages of *Science* will carry, at frequent intervals, announcements of hotel accommodations and rates, together with a coupon which should be filled out and sent, *not* to any hotel directly, but to the AAAS Housing Bureau in New York. All applications for hotel rooms will be filled in the order of receipt. Those who apply early are assured of accommodations in the hotel of their first choice. Expenses can be reduced still further if two people share a room or if three or more people share a suite. Upon request, all hotels will place comfortable rollaway beds in rooms or suites at \$3 per night.

### Registration

Both the technical, or program, sessions and the special sessions are open to all interested persons. Although registration for these sessions is not mandatory, it is expected that all who attend will wish to pay the AAAS registration fee of \$3 and thus contribute their proportionate share to the heavy expenses of the meeting. (The registration fee for the husband or wife of a registrant, if a second General Program is not required, is \$1.)

Each registrant receives the General Program, convention literature, a listing in the Visible Directory of Registrants, and a Convention Badge; the latter assures him all privileges of the meeting, discounts on tickets of admission to tourist attractions, and the like. The badge is required for admission to the large-scale exhibits, the AAAS Science Theatre, the presidential reception, and the AAAS Smoker. Re-

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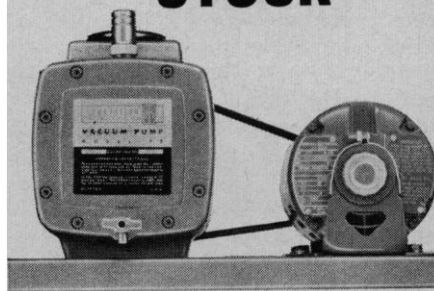
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An announcement on advance registration, with a coupon, will also be found in the advertising pages of this issue and at intervals hereafter.

#### AAAS Headquarters

As stated in the Preliminary Announcement, for the AAAS as a whole, there will be coheadquarters hotels. The Commodore, with its large ballroom, will accommodate the evening events, general sessions, the AAAS business sessions, and the AAAS Pressroom. The Biltmore will house the AAAS Office, the Visible Directory of Registrants, the Annual Exposition of Science and Industry, and the AAAS Science Theatre. Each of the two hotels—located one and a half blocks apart, on two sides of Grand Central Station (they can be reached by underground passages *through* the station)—will have AAAS Main Registration-Information Center facilities.

The Commodore will also accommodate the American Society of Zoologists and Section N; the Biltmore will house the other biological and medical groups and some of the physical sciences as well. The Roosevelt will be headquarters for the American Astronomical Society, for the science teaching societies, and for the social and economic sciences. The Belmont Plaza is the headquarters hotel for geology and geography, Section H, the History of Science Society, and other organizations of the "L" series. At present, no sessions are scheduled in the Waldorf-Astoria, 49th Street and Park Avenue, but 400 of its sleeping rooms are available, at minimum rates.

A detailed list of the headquarters for each section and participating organization is given below, since it is an obvious convenience for each person attending the meeting to have this information before he applies for room reservations.

#### Other Hotel Headquarters

AAAS sections are listed alphabetically and societies are listed in the same sequence, by discipline.

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AAAS (Board of Directors, Coun-



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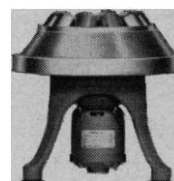


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cil); General Events and Special Sessions; Pressroom.

AAAS Committee on Science and the Promotion of Human Welfare; AAAS Sections F-Zoological Sciences, N-Medical Sciences, and P-Industrial Science.

American Geological Institute, National Geographic Society.

American Society of Zoologists.

Federation of American Societies for Experimental Biology.

Academy Conference, American Council on Women in Science, Conference on Scientific Communication, National Association of Science Writ-

ers, National Science Foundation, New York Academy of Sciences, Scientific Research Society of America, Sigma Delta Epsilon, Society of the Sigma Xi, United Chapters of Phi Beta Kappa.

Biltmore (1000 Rooms), 43rd Street and Vanderbilt Avenue.

AAAS Office; Annual Exposition of Science and Industry; AAAS Science Theatre; Visible Directory of Registrants.

AAAS Sections A-Mathematics, B-Physics, G-Botanical Sciences, I-Psychology, Nd-Dentistry, and O-Agriculture.

American Mathematical Society, As-

sociation for Computing Machinery, Society for Industrial and Applied Mathematics.

American Astronautical Society, American Institute of Physics, American Meteorological Society, Sigma Pi Sigma.

American Association of Clinical Chemists.

Society of Systematic Zoology.

American Institute of Biological Sciences, American Society of Naturalists, Beta Beta Beta Biological Society, Ecological Society of America, Mountain Lake Biological Station, Nature Conservancy, Society for the Study of Evolution, Society of General Physiologists.

Botanical Society of America, Mycological Society of America, Torrey Botanical Club.

Alpha Epsilon Delta, American Physiological Society, American Psychiatric Association.

American College of Dentists; American Dental Association; International Association for Dental Research, North American Division.

Society for Industrial Microbiology.

American Geophysical Union.

Roosevelt (1100 rooms), 44th Street and Vanderbilt Avenue.

AAAS Cooperative Committee on the Teaching of Science and Mathematics.

AAAS Sections C-Chemistry, D-Astronomy, K-Social and Economic Sciences, M-Engineering, Np-Pharmacy, and Q-Education.

American Chemical Society.

Astronomical Society, American League.

National Association of Biology Teachers.

American Economic Association, American Political Science Association, American Society of Criminology, American Sociological Association, American Statistical Association, Econometric Society, Metric Association, National Academy of Economics and Political Science, National Institute of Social and Behavioral Sciences, Pi Gamma Mu National Social Science Honor Society, Social Science Research Council.

Engineers Joint Council, Engineering Manpower Commission, Tau Beta Pi Association.

American Association of Colleges of Pharmacy; American College of Apothecaries; American Pharmaceutical Association, Scientific Section; American Society of Hospital Pharmacists; National Association of Boards of Pharmacy.

Institute of Management Sciences.

American Educational Research Association, Council for Exceptional Children, National Association for Research in Science Teaching, National Science Teachers Association, American Nature Study Society.

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Conference on Scientific Manpower, National Academy of Sciences-National Research Council, Scientific Manpower Commission.

Belmont Plaza (800 rooms), 49th Street and Lexington Avenue.

AAAS Sections E-Geology and Geophysics, H-Anthropology, and L-History and Philosophy of Science.

Association of American Geographers, Geological Society of America, National Speleological Society.

Conference on Scientific Manuscripts, History of Science Society, Philosophy of Science Association, Society for General Systems Research, Society for the History of Technology.

RAYMOND L. TAYLOR

Associate Administrative Secretary

## Forthcoming Events

### August

15-23. Soil Science, 7th intern. cong., Madison, Wis. (R. Bradfield, Dept. of Agronomy, Cornell Univ., Ithaca, N.Y.)

15-24. Crystallography, intern. cong., Cambridge, England. (W. H. Taylor, Cavendish Laboratory, Cambridge, England)

15-25. Chemistry of Natural Products, IUPAC symp., Melbourne, Canberra, and Sydney, Australia. (Convener, Symposium Organizing Committee, Box 4331, G.P.O., Melbourne)

15-25. International Geological Cong., 21st session, Copenhagen, Denmark. (IGC, Mineralogical-Geological Museum, Univ. of Copenhagen, Øster Boldgade 7, Copenhagen K)

15-25. International Paleontological Union, Copenhagen, Denmark. (J. Roger, Service d'Information Géologique, B.R.G.-G.M., 74, rue de la Fédération, Paris 15<sup>e</sup>, France)

15-25. Sedimentology Cong., 6th intern., Copenhagen, Denmark. [General Secretary, IAS, c/o Institut Français du Pétrole, 4, place Bir Hacheim, Rueil-Malmaison (Seine-et-Oise), France]

16-18. Biological Effects of Microwave Radiation, 4th annual conf., New York, N.Y. (M. Eisenbud, New York Univ. Post Graduate Medical School, 550 First Ave., New York 16)

16-19. Society of Automotive Engineers, San Francisco, Calif. (R. W. Crory, SAE, Meetings Operation Dept., 485 Lexington Ave., New York 17)

17-19. Hydraulics Conf., Seattle, Wash. (W. H. Wisely, American Soc. of Civil Engineers, 33 W. 39 St., New York 18)

17-19. University Nuclear Reactors, Gatlinburg, Tenn. (University Relations Div., Oak Ridge Inst. of Nuclear Studies, P.O. Box 117, Oak Ridge, Tenn.)

17-21. Ionization Phenomena in Gases, 4th intern. conf., Uppsala and Stockholm, Sweden. (A. Nilsson, Fysikum, Uppsala)

18-19. Submarine and Space Medicine, 2nd intern. symp., Stockholm, Sweden. (H. Bjurstedt, Laboratory of Aviation Medicine, Karolinska Institutet, Stockholm, 60)

20. American Inst. of Ultrasonics in Medicine, Washington, D.C. (D. M. Stillwell, Dept. of Physical Medicine and Rehabilitation, Univ. of Colorado Medical Center, Denver 20)

21-24. Latin-American Cong. of Angiology, Rio de Janeiro, Brazil. (R. C. Mayall, Caixa Postal 1822, Rio de Janeiro)

21-24. National Council of Teachers of Mathematics, Salt Lake City, Utah. (M. H. Ahrendt, 1201 16 St., NW, Washington 6)

21-25. American Soc. of Pharmacology and Experimental Therapeutics, Seattle, Wash. (H. Hodge, ASPET Dept. of Pharmacology, Univ. of Rochester, Rochester, N.Y.)

21-26. American Cong. of Physical Medicine and Rehabilitation, Washington, D.C. (Mrs. D. C. Augustin, 30 N. Michigan Ave., Chicago 2, Ill.)

21-26. Physical Medicine, 3rd intern. conf., Washington, D.C. (W. J. Zeiter, 2020 E. 93 St., Cleveland, Ohio)

21-6. Pacific Science Cong., 10th. Honolulu, Hawaii. (Secretary-General, 10th Pacific Science Cong., Bishop Museum, Honolulu 17)

22-25. American Astronomical Soc., Mexico City, Mexico. (J. A. Hynek, Smithsonian Astrophysical Observatory, 60 Garden St., Cambridge 38, Mass.)

22-25. American Physiological Soc., San Francisco, Calif. (R. G. Daggs, APS, 9650 Wisconsin Ave., NW, Washington 14)

22-26. Plasma Physics, symp., Gatlinburg, Tenn. (University Relations Div., Oak Ridge, Inst. of Nuclear Studies, P.O. Box 117, Oak Ridge, Tenn.)

22-26. Western Resources, 2nd annual conf., Boulder, Colo. (M. E. Garnsey, Dept. of Economics, Univ. of Colorado, Boulder)

23-25. Assoc. for Computing Machinery, natl., Milwaukee, Wis. (J. Moshman, ACM, Council for Economic and Industry Research, 1200 Jefferson Davis Highway, Arlington 2, Va.)

23-25. Cryogenic Engineering Conf., Boulder, Colo. (K. D. Timmerhaus, CEC, Dept. of Chemical Engineering, Univ. of Colorado, Boulder)

23-26. American Statistical Assoc., annual, Palo Alto, Calif. (D. C. Riley, ASA, Beacon Bldg., 1757 K St., NW, Washington 6)

23-26. Biological Photographic Assoc., Salt Lake City, Utah. (Miss J. H. Waters, Box 1668, Grand Central Post Office, New York 17)

23-26. Institute of Mathematical Statistics, annual, Stanford, Calif. (W. Kruskal, Dept. of Statistics, Eckhart Hall, Univ. of Chicago, Chicago 37, Ill.)

23-28. American Ornithologists' Union, Ann Arbor, Mich. (H. G. Diegnan, Division of Birds, U.S. National Museum, Washington 25)

24-27. Forest Biology Conf., Seattle, Wash. (Miss E. N. Wark, Technical Assoc. of the Pulp and Paper Industry, 360 Lexington Ave., New York 17)

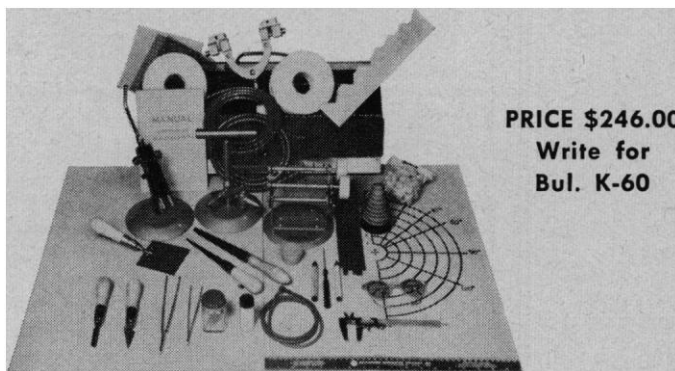
24-27. Internal Medicine, 6th intern. cong., Basel, Switzerland. (Secretariat, 6th ICIM, 13 Steinentorstr., Basel)

24-2. International Union for the History and Philosophy of Science, Stanford, Calif. (R. Taton, 64, rue Gay-Lussac, Paris 5<sup>e</sup>, France)

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