

found only through a change in our methods of teaching—through the conception of a sense of social obligation and a social consciousness in the teacher.

A. Davies, of Exeter University, suggested that the discovery of America was made five years before Columbus reached it in 1492. It was probably made by Dualmo in a voyage from the Azores. The conviction of Columbus that he would reach land 750 leagues west of the Canaries, and certain falsifications in his record of the voyage, have for long been controversial issues. Professor Davies explained them on the basis of a previous Portuguese discovery of America, of which Columbus had knowledge through his brother Bartholomew, who was employed as a cartographer by King John of Portugal. Two Portuguese maps of 1502 were shown, which charted such distinctive features as Florida, Yucatan, and the Gulf of Mexico. Referring to Columbus' visit to Lisbon on his return voyage, in spite of the danger of arrest,

Professor Davies said that the interview with King John was to convince him by means of the false records that the land discovered was not that already discovered by the Portuguese. King John was willing to accept this claim because, knowing that a large landmass barred the western trade route to the Spice Islands, he wished to divert Spanish attention westward while Portugal was exploiting the recently discovered eastern route and establishing itself in the Spice Islands. This did, in fact, result in the agreement giving the western half of the world to Spain and the eastern half to Portugal, and by the time the Spaniards had circumnavigated South America and Magellan had reached the East Indies, the Portuguese were already well established.

The 1951 annual meeting of the British Association for the Advancement of Science is to be held in Edinburgh, with H.R.H. the Duke of Edinburgh as president.



Preview of the 117th Meeting, AAAS, Cleveland December 26–30, 1950

General Information

The 117th Meeting of the American Association for the Advancement of Science will be one of the best balanced in the history of the Association, now in its 103rd year. All 17 of the AAAS sections and subsections have programs of from three to thirteen sessions each; thus no principal field of science is unrepresented. Forty affiliated societies and other organizations are participating in this Sixth Cleveland Meeting of the Association—some with an annual meeting of many sessions, others with one or two essentially regional meetings, and still others as co-sponsors of sessions with a AAAS section. The sections have arranged twenty-two symposia; the AAAS Co-operative Committee on the Teaching of Science and Mathematics, one; and the Association, four other, more general symposia. The programs of the participating societies include a number of important symposia, panels, and seminars in addition to their sessions for contributed papers.

In the Annual Science Exposition, which fills the street-level Arena of the Public Auditorium, 104 organizations have exhibits in 154 booths. The latest products of leading publishers, instrument makers, manufacturers of all types of laboratory equipment, and the large scientific supply houses have been joined by other nationally prominent firms, which have *technical* exhibits. An artificial kidney, an electronic problem-solving "brain," one or more types of color television, an electron microscope, models of atomic piles, a revolutionary new loom for the

textile industry—these are but a few of the exhibits that make the outstanding Exposition.

The six different four-hour programs of the AAAS Science Theatre comprise 66 titles of the latest foreign and domestic scientific films—a great many of them in color, and nearly all several reels long. For those interested in visual education, these programs alone would require a total of twenty-four hours to see and would be worth many times the Association's low-priced Registration Fee, which also admits registrants to the AAAS Reception, the Biologists' Smoker, and the Annual Science Exposition.

The Sixth Cleveland Meeting will be a convenient one: The Public Auditorium, one of the best-designed convention halls in the country, is within two to eight blocks of the downtown hotels. Most of the sessions of the sections and a number of the special sessions will be held in the Auditorium, which also houses the Main Registration Desk, the Tours Booth, Information Center, and Visible Directory of Registrants, as well as the Annual Science Exposition and the Science Theatre. A good lunch concession will be operated. The sessions of the participating societies will be in the Hotels Statler, Hollenden, Carter, and Allerton; for one afternoon, two of the zoological societies will meet on the campus of Western Reserve University.

Hotel room accommodations are adequate, with reservations being handled by the experienced Housing Bureau of the Cleveland Convention and Visitors Bureau. The hotels have made their public space available without charge and, as in 1949 and preceding years, no partici-

pating society will be asked to contribute toward projection expenses.

The General Program, nearly 300 pages, has gone to press on schedule and is being sent to advance registrants by first-class mail. (It is now too late to accept further advance registrations; plan to register upon arrival, either at the Main Registration in the Auditorium or at the hotels.) Registration fees have remained at their previous low schedule of \$2.00 for members of the AAAS, for spouses of registrants, and for students; \$3.00 for others. Each person attending the Meeting should register as soon as possible: (1) to receive the General Program (which is also a directory of the sections); (2) to be admitted free to all events; (3) and to be a sustaining part of the 117th Meeting.

Admission to the Annual Science Exposition is either by complimentary admission tickets (which must be applied for) or by Badge. The following events are restricted to registrants: The AAAS Reception, the Biologists' Smoker, and the Science Theatre.

Reservations for hotel rooms may be made until almost the last day—please see the hotel reservation coupon in this issue. Telegrams or telephone calls are advisable after December 18. Those who do not make advance reservations and find accommodations exhausted at a particular hotel will be given help—either by the desk clerk or by the Association's Information Center.

Preconvention Announcements. In this Preconvention Issue, it is not feasible to repeat in detail the announcements on the 117th Meeting that have already appeared in SCIENCE. These include:

The personnel of the local committees (SCIENCE, June 2, pp. 613–614), and synopses of the programs, as follows:

- I—The Annual Science Exposition, with a classified list of exhibitors, October 27, pp. 509–10.
- II—The Programs in Mathematics, Physics, Astronomy, and Chemistry, November 3, pp. 544–46.
- III—The Programs in Biology and Medicine, November 10, pp. 568–72.
- IV—The Programs in Geology, Geography, Engineering, and the Social Sciences. November 17, pp. 603–06.
- V—The Programs in Anthropology, Psychology, Education, and the History and Philosophy of Science, November 24, pp. 631–34.

Completely new in this issue are the daily summary of events, list of tours, descriptions of the more than 100 exhibits, the programs of the Science Theatre, the Special Sessions, and the four general symposia sponsored by the Association.

The headquarters hotels are repeated for convenience; details of registration are now available. The General Program will of course be needed for complete details of titles of papers, authors, and their institutional connections; and for considerable data on the Association, its sections, and 218 affiliated and associated societies.

Hotel Headquarters

The Hotel Statler is the official Headquarters of the AAAS; it is where the Council of the Association will

meet and other business sessions will be held. The Press Rooms—for receipt of authors' abstracts and source of press releases—are located just off the Mezzanine and immediately across from the Grand Ballroom.

The Main Registration, the Information Center, the Service Office of the Annual Science Exposition, and the Office of the Assistant Administrative Secretary are in or near the lobby of the Public Auditorium; they are reached by the Lakeside Avenue Entrance.

The Annual Science Exposition fills the large, street-level Arena of the Public Auditorium; it, also, is reached by the Lakeside Avenue Entrance. It includes the International Photography-in-Science Salon. Admission is by Registration Badge or Complimentary Admission Ticket. A luncheon area is located in the corridor on the Sixth Street side.

The Visible Directory of Registrants is on the stage of the Public Auditorium. It can be reached through the Exposition or (when the Exposition is closed) through the corridor on the Sixth Street side.

The Science Theatre, with its almost continuous showing of the latest scientific films, is located in the Little Theater next to the Music Hall, in the southwest corner of the Public Auditorium. The entrance is through the Annual Science Exposition. (If the Exposition is closed—and the theatre is running—the St. Clair Avenue entrance will be open.) *Admission is restricted to registrants.*

Headquarters of the Sections of the AAAS and the Participating Societies. Hotel Statler (Euclid Ave. at E. 12th St.): AAAS; Press; Sections I, K, and Q; AAAS Cooperative Committee; Academy Conference; National Association of Biology Teachers; National Academy of Economics and Political Science, Pi Gamma Mu; American Dietetic Association; National Science Teachers Association; American Nature Study Society, National Association of Science Writers, Scientific Research Society of America, Sigma Delta Epsilon, Society of the Sigma Xi, United Chapters of Phi Beta Kappa.

Hotel Hollenden (Superior Ave. at E. 6th St.): Sections F, G, and N (including Subsections Nm, Nd, Np); American Society of Parasitologists, American Society of Protozoologists, American Society of Zoologists, Society of Systematic Zoology, Herpetologists League; American Microscopical Society, Ecological Society of America; Alpha Epsilon Delta, Premedical Honor Society, American Pharmaceutical Association, Scientific Section.

Hotel Carter (Prospect Ave. at E. 9th St.): Sections A, E, L, and O; Geological Society of America, National Geographic Society, National Speleological Society; Biometric Society, Eastern North American Region; History of Science Society, Philosophy of Science Association.

Hotel Allerton (1802 E. 13th St.): Sections B, C, D, H, and M; American Meteorological Society, Oak Ridge Institute of Nuclear Studies; Society for Applied Anthropology; Society for Research in Child Development; American Home Economics Association.

Hotel Auditorium (St. Clair Ave. at E. 6th St.): Particularly convenient for exhibitor personnel since the Public Auditorium is just across the street.

Hotel Olmsted (Superior Ave. at E. 9th St.).

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