

A tradition at AAAS Annual Meetings has been the arrangement of scientific and cultural exhibits and tours by the local Advisory Committee. This year, the New York City Advisory Committee has set a new and higher standard. Tickets for the tours listed below can be obtained at the AAAS Ticket Desk which will be located in the registration area (Albert Hall) in the lower lobby of the headquarters hotel, the Americana, during the Meeting. We advise those interested to sign up at least 24 hours in advance, since many of the tours have a limited capacity. Admission to the tours is by registration badge for the Meeting, although a minimal transportation fee is required for some. All tours will leave from the 53rd Street entrance to the Americana on the days and times noted.

#### A. Lincoln Center for the Performing Arts (Broadway and 64th Street)

Conducted tours backstage at the Metropolitan Opera to view the unique combinations of 19th- and 20th-century technology employed in the production of opera, encompassing the stage machinery and shops (they still make swords!). Also an exhibition of present and future video devices at the Library and Museum of Performing Arts, including such video devices which may now, or soon, be used to bring the performing arts home: solid state imaging devices, video discs, flat screen TV's, digital audio, video storage and printing, projected TV, satellites, image intensifiers, three-dimensional TV, laser video transmission, and the pay-TV devices developed at Lincoln Center.

##### Tour Exhibit

**Tue., 28 Jan. (A-I)** 3-6 p.m. 12-6 p.m.  
**Wed., 29 Jan. (A-II)** 3-6 p.m. 12-6 p.m.  
**Thu., 30 Jan. (A-III)** 3-6 p.m. 12-6 p.m.  
 (Buses will depart at 2:30, 3:30, and 4:30 p.m.)

#### B. Metropolitan Museum of Art (5th Avenue at 82nd Street)

Conducted tours of the conservation laboratory of the museum (limited to ten persons per group) to see the equipment and technology employed in examining works of art, such as x-ray radiography, microscopy, and chemical analysis, as well as ongoing workshop activities of restorative and preservative

treatment, including prevention of bronze disease, consolidation of wood and stone objects, and reattachment of flaking paint.

**Tue., 28 Jan. (B-I)** 7:30-8:30 p.m.  
**Wed., 29 Jan. (B-II)** 12:30-1:30 p.m.  
**Wed., 29 Jan. (B-III)** 1:45-2:45 p.m.  
 (Buses depart from hotel half an hour before times indicated above, and either Wednesday tour can be combined with the following one.)

#### C. New York University Institute of Fine Arts (1 East 78th Street at 5th Avenue)

Conducted tours of the conservation center (limited to ten persons per group) to observe the research and teaching activities in the investigation, documentation, analysis, restoration, and preservation of works of art, including instrumentation and technology such as microscopy, photographic methodology, x-ray diffraction and radiography, emission and absorption spectroscopy, and microchemistry, as well as workshop technology in the cleaning and restoring of paintings, hot-table relining, repair of fabrics, and cleaning and bleaching of works on paper.

**Wed., 29 Jan. (C-I)** 12:30-1:30 p.m.  
**Wed., 29 Jan. (C-II)** 1:45-2:45 p.m.  
**Thu., 30 Jan. (C-III)** 7:30-8:30 p.m.  
 (Buses depart from hotel half an hour before times indicated above, and either Wednesday tour can be combined with the preceding one.)

#### D. Bell Laboratories (Murray Hill, N.J.)

Conducted small-group tours to individual laboratories of this major research facility to see ongoing research work in communications-related fields such as chemistry, physics, learning, speech, hearing, biophysics, and others. Luncheon will be available, and there is no transportation fee.

**Wed., 29 Jan. (D-I)** 12:30-5:30 p.m.  
**Fri., 31 Jan. (D-II)** 12:30-5:30 p.m.  
 (Buses depart from and return to the hotel at the times indicated.)

#### E. IBM Thomas J. Watson Research Center (Yorktown Heights, N.Y.)

Conducted tours of the headquarters of the IBM research complex, including discussions and visits to individual laboratories. Research at this facility involves the physical, mathe-

matical, and computer sciences, and the advanced technologies in computer systems and devices. Luncheon will be available, and there is no transportation fee.

**Thu., 30 Jan. (E)** 12:30-5:30 p.m.

#### F. Subway Safari

This is a series of ten small-group guided tours through the arteries of the metropolis to points of scientific, technological, and cultural interest, conducted by expert student guides and limited to 15 persons each. Many of the tours will leave and return by subway via stations within a minute's walk of the hotel, and others will be made entirely by minibus or by a combination of minibus and subway—all at minimal cost and scheduled throughout the week, beginning Monday. Please check at the AAAS Ticket Desk in Albert Hall for exact times. The safaris include:

**F-1** The Bronx Zoo, the New York (Bronx) Botanical Garden, and intermediate points;

**F-2** Brooklyn, including the Brooklyn Botanic Garden, the Brooklyn Museum, and the new science-oriented Children's Museum;

**F-3** A "backstage" visit to the American Museum of Natural History and the Hayden Planetarium;

**F-4** An inside look at the workings of the New York City rapid transit system, including construction, operation, and control facilities.

**F-5** The World Trade Center from top to bottom, St. Paul's Chapel (the oldest church in the city), and a teatime cruise on the Staten Island Ferry to St. George and back.

**F-6** A behind-the-scenes tour of the Stock Exchange, the Chase Manhattan Building (and its two companion skyscrapers by Gordon Bunshaft), and a lunchtime recital at Trinity Church;

**F-7** City Hall and its environs, including a reception at the Mayor's office;

**F-8** South Street Seaport and Chinatown, with an optional dinner at Chinatown;

**F-9** The New York Aquarium at Coney Island;

**F-10** A mystery tour, including an out-of-town seafood dinner.