AAAS Annual Meeting
Detroit, 26–31 May 1983

Tours

General Tour Information

Tours are limited to meeting registrants only. To order tickets, please complete the form on the next page.

Since some of the tours are taking place in nonpublic, restricted facilities, it is requested that persons of foreign nationality (visitors as well as U.S. residents) give their place and date of birth, in addition to name and address, in the appropriate space provided on the order form.

Tickets will be mailed to you directly. Orders received after 20 May 1983 will be held at the AAAS Ticket Desk in the Westin Hotel. Tickets may be refunded for full value up to 24 hours before tour departure; no refunds will be made after that time. Handicapped persons who need assistance with tours should consult the staff at the Resource Center for Disabled Registrants in the Westin Hotel.

All tours depart from and return to the Westin Hotel. Comfortable walking attire is recommended.

1. General Motors Proving Grounds Headquarters. Friday, 27 May, 8:00 a.m.–12:30 p.m. (Limit: 42 persons)

The GM Proving Grounds incorporate the most modern and complete facilities available for vehicle testing, covering more than 4,000 acres with a road network of more than 128 miles. Test roads include Belgian block, concrete block, engineered pothole, and other special surfaces; water and mud baths; vehicle handling test roads; hill test sections of up to 21 percent grade; and a 4.5 mile perfect circle for high-speed testing.

2. General Motors Technical Center. Friday, 27 May, 8:30 a.m.–12:30 p.m. (Limit: 42 persons)

The Tech Center is where GM brings its scientific and technical resources together. Areas of interest include the Semiconductor Clean Room, Metal Physics Laboratory, Engine Test Cells, robotics testing and development facilities, and the first full-scale automotive aerodynamics wind tunnel in the Western Hemisphere.

3. Warner-Lambert, Inc. Pharmaceutical Research Division. Friday, 27 May, 8:00 a.m.–2:00 p.m. (Limit: 42 persons)

This tour will visit pharmacology and chemistry laboratories, and follow the course of a new drug candidate through these and other departments. Company representatives will be available at a "Q&A" session. The scientific and administrative support required to market a new drug will be explained, and the effects of drug regulations will be discussed.

4. Detroit Arsenal Tank Plant (USATACOM). Friday, 27 May, 12:30–3:30 p.m. (Limit: 42 persons)

The M1 tank is built in this plant. Visitors will see the interior of the M1 and its predecessor, the M60 tank, and the manufacturing process. The M1 design incorporates a digital computer ballistics system, neodymium laser range finder, a special armor capability, and a number of electronic control components.

Restricted tour; some foreign nationals may not participate.

5. Ford Motor Company. Friday, 27 May, 1:00–4:00 p.m. (Limit: 42 persons)

Ford's two newest research and development facilities: the Diversified Products Operations Technical Center, which concentrates on automotive electronic research and development, and the Robotics Center, designed to assist Ford facilities throughout the world in identifying the most sophisticated robotics and automation equipment for computer-aided manufacturing.

6. Stroh Brewery, Inc. Friday, 27 May, 6:00–9:00 p.m. (Limit: 120 persons)

Dinner at the famous Strohauers, followed by a tour of the brew house and packaging area. The featured speaker of the evening will be Dr. Morten Meilgaard, Vice President for Research and Development, who will talk about the chemistry of beer flavor. More than 240 separate flavor elements, each one linked to specific chemistry, contribute to the distinctive flavor of different beers. This tour is of particular interest to biologists.


Buses depart hourly, 8:30 a.m.–3:30 p.m.

Greenfield Village is a living history book, with 19 historic homes and shops, such as Thomas Edison's Menlo Park laboratory and Orville and Wilbur Wright's Cycle Shop, that have been removed from their original sites and carefully reconstructed at the Village. Walk through the Village at your own speed, following a map provided, or take advantage of the trains and horse-drawn carriages.

The Henry Ford Museum features 12 acres of historical collections, including carriages, bicycles, motorcycles, automobiles, trains, and aircraft. Artisans frequently give demonstrations of 19th-century machinery.

Separate tickets are required for the Village and the Museum (see order form).

8. University of Michigan. Saturday, 28 May, 9:00 a.m.–2:30 p.m. (Limit: 42 persons)

This guided tour of the University's Ann Arbor campus will include visits to the Highway Safety Research Institute, the Gerald R. Ford Presidential Library, biological science laboratories, and SCRIPT, a computer-aided subject information data bank. There will be a hosted luncheon at the Michigan Student Union restaurant.

9. Wayne State University Campus. Saturday, 28 May, 8:30 a.m.–1:00 p.m. (Limit: 42 persons)

This tour will include the Walter Reuther Library; the Van de Graaff accelerator/positron experiments; non-linear optics and photoacoustics experiments; laser facilities used for art verification, analytical tools, and laser chemistry; the Radiation Oncology Laboratory and x-ray crystallography work; electron microscopy; and the University's safety automatic sled crash tester. A buffet luncheon will be served.


Buses depart hourly, 8:30 a.m.–3:30 p.m.

For details, see Tour No. 7.

11. Detroit Medical Center/Wayne State Univ. Medical School. Sunday, 29 May, 1:30–4:30 p.m. (Limit: 42 persons)

The Detroit Medical Center is one of the largest and most widely-recognized institutions of its kind in the nation. Included in this tour will be the Wayne State University School of Medicine; the emergency medicine department of Detroit
Receiving Hospital; the Radiation Oncology Center; the Comprehensive Cancer Center of Metropolitan Detroit; the Wayne State University Comprehensive Sickle Cell Center; and the Kresge Eye Institute.

12. Enrico Fermi 2 Nuclear Power Plant. Monday, 30 May, 12:30-5:00 p.m. (Limit: 42 persons)

Scheduled for completion in 1983, the Fermi 2 nuclear power plant is now under construction near the historic Fermi I development fast breeder reactor. Conventional electric generating processes and equipment are combined with a boiling water reactor to generate up to 1,100,000 kw—enough electricity for a city of 1 million people. Due to safety regulations, no one under the age of 14 will be permitted on this tour.

Restricted tour; some foreign nationals may not participate.

13. Michigan State University. Monday, 30 May, 1:00-9:00 p.m. (Limit: 42 persons)

Some 16,000 plantings—7,800 species and varieties of trees and shrubs—make the MSU campus a botanical showcase, especially in the month of May. This tour will include Beal Botanical Gardens, the oldest continually operated teaching facility of its kind in the nation, with 6 acres of more than 5,000 plant species; the Horticultural Gardens; and the new Wharton Center for the Performing Arts. In addition, there are optional tours of the National Superconducting Cyclotron Laboratory, the Mass Spectrometry Facility, the Energy Plant Research Laboratory, and the experimental farms. An authentic midwestern barbecue will be served (outdoors, weather permitting) at the end of the tour.

14. General Motors Assembly Plant. Tuesday, 31 May, 8:30 a.m.—1:00 p.m. (Limit: 42 persons)

A firsthand view of the state-of-the-art technology and processes used to assemble Buick Skylarks and Oldsmobile Omegas, and the people who make it all work. Visitors will see the complex conveyor system that carries car chassis, bodies, and components to the appropriate point in the assembly process; the parts inventory and storage systems that keep assembly operation running without delays; and the complete automotive assembly process in operation.

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**Tour Tickets Order Form**

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**Foreign Nationals, please list:** Place of Birth Date of Birth

**Indicate any special requirements due to a handicap:**

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*Buses depart hourly, from 8:30 a.m. to 3:30 p.m., for tours 7 and 10.

**Charge to my □ VISA or □ MASTERCARD.** Enclosed is my check □ Total amount enclosed or charged: $

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**MAIL TO:** Tours, AAAS—Dept. R, 1515 Massachusetts Ave., N.W. Washington, D.C. 20005