

Annual Meeting San Francisco

3-8 January 1980

Tours

For the Annual Meeting Program please see the Preliminary Program in the 21 September issue of *Science*, pages 1243-1249. Tours are limited to Meeting Registrants only.

Tours

1. **University of California, Davis:** Friday, 4 January, 8:30 a.m.-4:00 p.m.

Tram tour of the campus, which specializes in agricultural and veterinary science with visit to Department of Enology followed by no-host luncheon.

2. **Santa Clara Valley Industrial Technology, Tour A:** Friday, 4 January, 8:30 a.m.-12:30 p.m.

Lecture and tour of Hewlett-Packard Integrated Circuit Processing Laboratory, focusing on multiple integrated circuits such as bipolar and MOS. Tour and demonstration of Fairchild Camera manufacturing techniques.

NOTE: Due to security regulations, Fairchild Camera requires the identification of the citizenship of all tour participants in advance.

3. **Lawrence Berkeley Laboratory and the Lawrence Hall of Science:** Friday, 4 January, 1:30 p.m.-5:30 p.m.

Multimedia presentation summarizing research efforts and tour of the Bevelac heavy-ion accelerator and the nuclear science and biomedical research areas at LBL. Exhibits and activities will be on display at Lawrence Hall.

4. **University of California Medical Center, San Francisco:** Friday, 4 January, 1:30 p.m.-4:30 p.m.

Lecture on the Center's DNA research and tour of some of the laboratories. Tour is limited to 15 participants.

5. **Stanford Linear Accelerator Center:** Saturday, 5 January, 9:00 a.m.-12:00 noon

Includes tour of 2-mile-long linear electron accelerator, new facilities and high energy physics laboratories.

6. **Exploratorium:** Sunday, 6 January, 2:00 p.m.-5:00 p.m.

Museum utilizes unique methods for presenting science to the general public.

7. **Long Marine Station, UC Santa Cruz and Año Nuevo State Reserve, Half Moon Bay:** Monday, 7 January, 8:30 a.m.-5:30 p.m.

Includes drive through the Redwoods to Long Marine Station for no-host lunch. Guided tour of Año Nueva State Reserve over coastal bluffs, dunes, and beaches to observe elephant seals (3-mile walk; warm clothing necessary). Tour limited to 40 participants.

8. **Santa Clara Valley Industrial Technology, Tour B:** Monday, 7 January, 8:30 a.m.-12:30 p.m.

Lecture and tour of Hewlett-Packard Integrated Circuit Processing Laboratory, focusing on multiple integrated circuits such as bipolar and MOS. Tour and demonstration of an automated circuit system at Xerox Corporation and research prototype laboratories.

9. **Santa Clara Valley Life Science Technology Tour:** Monday, 7 January, 1:30 p.m.-5:00 p.m.

Introductory slide-show of Syntex Corporation and Laboratories and tour of pharmaceutical research labs and production and quality-control facilities. Visit to research facilities of Zoecon which manufactures numerous insecticides and pet care products.

10. **The Geysers Power Plant, Sonoma County:** Tuesday, 8 January, 8:00 a.m.-5:00 p.m.

Tour of Pacific Gas and Electric Company's geothermal power plant, hybrid solar home in Santa Rosa and (weather permitting) box-lunch picnic.

11. **Lawrence Livermore Laboratory:** Tuesday, 8 January, 8:30 a.m.-12:30 p.m.

Includes visits to laser facilities and magnetic fusion centers. Tour of SHIVA, a 20-beam laser system.

NOTE: Due to security regulations, L.L.L. requires the identification of the citizenship of all tour participants in advance.

12. **NASA-Ames Research Center, Mountain View:** Tuesday, 8 January, 1:00 p.m.-5:30 p.m.

Tour of construction sites of various aircraft and unique aeronautical research facilities including wind tunnels and motion simulators.

NOTE: Due to security regulations, NASA requires the identification of the citizenship of all tour participants in advance.

Commercial Tours

The following commercial tours are also available; reservations should be made in the lobby of the San Francisco Hilton Hotel:

A. City Tour	\$ 7.75
B. Muir Woods and Sausalito	7.25
C. Napa Valley Wine Country	20.00
D. Boat Cruises	prices vary

Please be sure to make your tour reservations early—space is limited.

Following a long and honored tradition, the forthcoming AAAS Annual Meeting in San Francisco (3-8 January 1980) will feature an excellent selection of tours. Using the form on this page, please make advance reservations as soon as possible; space is limited and early commitment must be made to the host organizations. Reservations received after 14 December will be returned. Tickets will be held at the Ticket Desk in the Meeting Registration Area (East Lounge, San

Francisco Hilton Hotel) and should be picked up 24 hours before the tour. A nominal charge will be made to defray transportation costs. Handicapped persons who need assistance for the tours (or any Meeting function) should consult the staff at the Resource Center for Disabled Attendants in the Teakwood B room (fourth floor, San Francisco Hilton). All tours depart from and return to the O'Farrell Street entrance of the San Francisco Hilton at the respective times listed for each tour.



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Reservation Form for Tours

AAAS Meeting registrants who wish to reserve tickets for any of the tours should complete the coupon below and return it to AAAS as soon as possible—space is limited. Reservations received after 14 December will be returned. Tickets should be picked up (and nominal bus fare paid) at the AAAS Ticket Desk in the Meeting Registra-

tion Area (East Lounge, San Francisco Hilton) during the Annual Meeting, approximately 24 hours in advance of the scheduled tour. *Do not send any remittance with this coupon*; it is a reservation form only. Please note that tours are limited to Meeting registrants only.

Tour	No. of Tickets	Tour	No. of Tickets
1. UC Davis [Fri., 4 Jan., 8:30 a.m.-4:00 p.m.]	_____	7. UC Santa Cruz, Año Nuevo Reserve [Mon., 7 Jan., 8:30 a.m.-5:30 p.m.]	_____
*2. Santa Clara Valley Industrial Tour A [Fri., 4 Jan., 8:30 a.m.-12:30 p.m.]	_____	8. Santa Clara Valley Industrial Tour B [Mon., 7 Jan., 8:30 a.m.-12:30 p.m.]	_____
3. Lawrence Berkeley Lab. [Fri., 4 Jan., 1:30 p.m.-5:30 p.m.]	_____	9. Santa Clara Valley Life Science [Mon., 7 Jan., 1:30 p.m.-5:00 p.m.]	_____
4. UC Medical Center [Fri., 4 Jan., 1:30 p.m.-4:30 p.m.]	_____	10. Geysers Power Plant [Tues., 8 Jan., 8:00 a.m.-5:00 p.m.]	_____
5. Stanford Linear Accelerator [Sat., 5 Jan., 9:00 a.m.-12 noon]	_____	*11. Lawrence Livermore Lab. [Tues., 8 Jan., 8:30 a.m.-12:30 p.m.]	_____
6. Exploratorium [Sun., 6 Jan., 2:00 p.m.-5:00 p.m.]	_____	*12. NASA-Ames Research Ctr. [Tues., 8 Jan., 1:00 p.m.-5:30 p.m.]	_____

Total Number of Tickets Reserved _____

[*If you have selected tours 2, 11, or 12, please indicate citizenship _____]

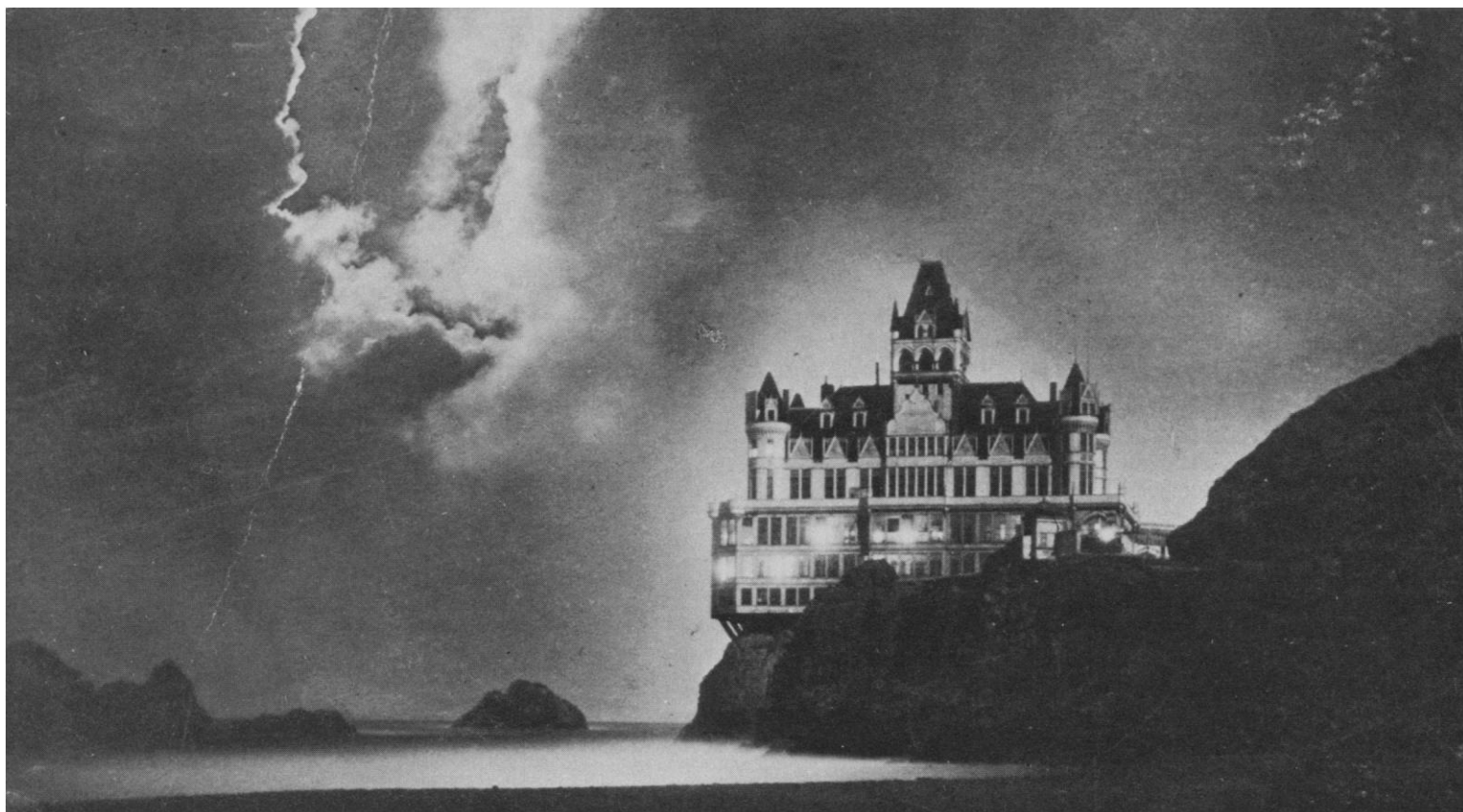
Indicate any special requirements due to a handicap: _____

Name _____

Address _____

City _____ State _____ Zip _____

Mail to: Tours
AAAS Meetings Office
1776 Massachusetts Avenue, NW
Washington, D.C. 20036



Cliff House. [California Historical Society Library]

AAAS Science Film Festival

The AAAS Science Film Festival continues to be a popular feature of the Annual Meeting. The Festival is a unique collection of educational and entertaining films dealing with science and technology, the social sciences, and social issues. This year's Festival also includes a special program of films to celebrate the International Year of the Child.

The Festival will run from 10:00 a.m. to 4:00 p.m. Friday, 4 January, through Monday, 7 January, in the California Room of the Hotel St. Francis. Admission is free.

Further information concerning the Film Festival will be published in the Annual Meeting Program.

Friday, 4 January

10:00 a.m. Blueprints in the Blood-stream
10:57 a.m. Nuclear Countdown
11:25 a.m. Linus Pauling: Crusading Scientist
12:22 p.m. Target for Antarres
12:38 p.m. Writing on the Wall
1:29 p.m. Animal Behavior: the Mechanism of Imprinting
1:43 p.m. A Dose of Reality
1:59 p.m. They All Can Work
2:27 p.m. The Killing Ground
3:18 p.m. Dragon-Fold
3:27 p.m. Ritchie

Saturday, 5 January

10:00 a.m. Light of the Twenty-first Century
10:58 a.m. Nature's Food Chain
11:12 a.m. Island of the Spirits
11:39 a.m. Stained Glass
11:55 a.m. E. F. Schumacher—As If People Mattered
12:12 p.m. Castles of Clay

1:07 p.m. The Flight of the Gossamer Condor
1:34 p.m. Energy: The Problems and the Future
1:58 p.m. Terraset Sun
2:20 p.m. Spartree
2:35 p.m. Bill, Peggy, Royal and Friends—London Horses
3:04 p.m. The Great Wine Revolution

Sunday, 6 January

10:00 a.m. Dawn of the Solar Age: Wind and Water
10:25 a.m. Egypt's Pyramids: Houses of Eternity
10:48 a.m. Common Ground
11:18 a.m. Hong Kong: A Family Portrait
12:18 p.m. Kangaroo Island
12:37 p.m. Otto: Zoo Gorilla
1:34 p.m. Airplanes and How They Fly
1:47 p.m. One Small Step
2:43 p.m. Islam and the Sciences
3:06 p.m. Our Dynamic Earth

3:28 p.m. Why We Conserve Energy: The Witch of the Great Black Pool
3:40 p.m. Forests

Monday, 7 January

10:00 a.m. Antarctica
10:56 a.m. Carnivorous Plants
11:08 a.m. Reproductive and Social Behavior of Belding's Ground Squirrels

The following films are presented in celebration of the International Year of the Child:

11:27 a.m. Step by Step
11:38 a.m. Maria Montessori: Follow the Child
12:31 p.m. The Living Goddess
1:01 p.m. Piaget on Piaget
1:45 p.m. Less Stress
2:00 p.m. The Skinner Revolution
2:23 p.m. Winning Is Everything?
2:45 p.m. Zerde's Children
3:40 p.m. Remember Me



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ADVANCE REGISTRATION FORM
(B)

- Please check appropriate boxes, complete remainder of form (type or print), and **enclose payment**.
- Preconvention Program, badge, and voucher for full Program and Abstracts will be mailed to registrants in early December.
- Full Program and Abstract Volume will be held at *Advance Registrants' Desk* at the San Francisco Hilton.
- **Registrations received after 14 December will be held at the AAAS Information Booth at the San Francisco Hilton.**
- Special one-day attendance registration will be available at on-site Registration Desk only.

Registration Category	Regular		Student† or Retired	
	Single	Double*	Single	Double*
<input type="checkbox"/> AAAS Member	<input type="checkbox"/> \$27	<input type="checkbox"/> \$40	<input type="checkbox"/> \$14	<input type="checkbox"/> \$21
<input type="checkbox"/> Non-Member:				
<input type="checkbox"/> Meeting registration only	<input type="checkbox"/> \$34	<input type="checkbox"/> \$47	<input type="checkbox"/> \$17	<input type="checkbox"/> \$24
<input type="checkbox"/> Register and join: Single membership**	<input type="checkbox"/> \$61	<input type="checkbox"/> \$74	<input type="checkbox"/> \$37†	<input type="checkbox"/> \$44†
<input type="checkbox"/> Register and join: Double membership		<input type="checkbox"/> \$86*		<input type="checkbox"/> \$56†*

†Full-time undergraduate or graduate students only.

*Registrant and spouse (if newly joined, membership includes single subscription to *Science*, 52 issues per year).

**Specify name of new member _____

NOTE: 1979 Membership Dues: Regular Member, \$34; Student or Emeritus, \$23; Spouse (or Emeritus without *Science*), \$12. (These are domestic membership rates; inquire for Canadian and other foreign rates.)

NAME OF REGISTRANT: _____
(Last Name) (First and Initial)

NAME OF SPOUSE REGISTRANT: _____
(Last Name) (First and Initial)

REGISTRANT'S MAILING ADDRESS: _____
[For receipt of program(s), badges(s),
and *Science* (for new applicants)]
(Street)
(City/State) (Zip Code)

ADDITIONAL REGISTRANTS: _____
(With same mailing address. Use new form if address differs.)

REGISTRANT'S
INSTITUTION OR COMPANY: _____

(City) (State) (Zip Code)

CONVENTION ADDRESS: _____
(Where you can be reached) (Hotel or Street Address, and/or Phone No.)

Check days attending: Thu ☐ Fri ☐ Sat ☐ Sun ☐ Mon ☐ Tue ☐

☐ Please check here if you need special services due to handicap. We will contact you prior to the meeting.

Mail to: American Association for the Advancement of Science, Dept. R,
1515 Massachusetts Ave., NW, Washington, D.C. 20005

SURVEY OF ATTENDANTS

Annual Meeting, San Francisco, 3-8 January 1980

Your answers to the following questions will help us in planning future AAAS Annual Meetings. Please complete the following form and either return it with your registration form or send in separately (to the same address) if you wish to respond anonymously (in any case, the two forms will be processed separately).

Principal Professional Interest	Principal Professional Activity	Institutional Affiliation Type
11 <input type="checkbox"/> Physical, mathematical	21 <input type="checkbox"/> Teaching, education	31 <input type="checkbox"/> University, 4-year college
12 <input type="checkbox"/> Biological, medical	22 <input type="checkbox"/> Health practice	32 <input type="checkbox"/> Other educational
13 <input type="checkbox"/> Engineering	23 <input type="checkbox"/> Other practice, consulting	33 <input type="checkbox"/> Industrial, commercial
14 <input type="checkbox"/> Social, behavioral	24 <input type="checkbox"/> Research, development	34 <input type="checkbox"/> Other private
15 <input type="checkbox"/> Science policy	25 <input type="checkbox"/> Administration	35 <input type="checkbox"/> Government
16 <input type="checkbox"/> (other)	26 <input type="checkbox"/> (other)	36 <input type="checkbox"/> (other)
Highest Educational Level	Age	Number of Past AAAS Meetings Attended
41 <input type="checkbox"/> Doctoral Degree	51 <input type="checkbox"/> Under 26 years	61 <input type="checkbox"/> None
42 <input type="checkbox"/> Master's Degree	52 <input type="checkbox"/> 26 to 35 years	62 <input type="checkbox"/> One
43 <input type="checkbox"/> Other professional	53 <input type="checkbox"/> 36 to 45 years	63 <input type="checkbox"/> Two
44 <input type="checkbox"/> Bachelor's Degree	54 <input type="checkbox"/> 46 to 55 years	64 <input type="checkbox"/> Three
45 <input type="checkbox"/> (other)	55 <input type="checkbox"/> 56 to 65 years	65 <input type="checkbox"/> Four
	56 <input type="checkbox"/> Over 65 years	66 <input type="checkbox"/> Five or more
		Distance Traveled to Meeting
		71 <input type="checkbox"/> Under 51 miles
		72 <input type="checkbox"/> 51 to 150 miles
		73 <input type="checkbox"/> 151 to 400 miles
		74 <input type="checkbox"/> 401 to 1000 miles
		75 <input type="checkbox"/> 1001 to 3000 miles
		76 <input type="checkbox"/> Over 3000 miles

ROOM RATES* AND HOUSING FORM

Reservations received after 13 December cannot be assured.
The Housing Bureau will not accept any reservations by telephone.

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Hotels		Single	Double & Twin	Parlor + 1 Bedrm.	Parlor + 2 Bedrms.	Parking**
SAN FRANCISCO HILTON <i>Headquarters Hotel</i> Mason & O'Farrell Streets (No. of rooms held: 1100)	Main Bldg.	\$38	\$53	\$161	\$260	Main Bldg., 5th-11th Floor only: Free parking next to your room (subj. to availability).
		42	57	and up	and up	
		46	61			
	Tower	\$58 62	\$73 77	\$174 and up	\$287 and up	Valet parking @ \$6.75 per day for reg. and non-reg. guests with in-and-out privileges.
HOTEL ST. FRANCIS Union Square (No. of rooms held: 600)	Main Bldg.	\$38	\$53	\$110	\$171	
		42	57	and up	and up	
		46	61			
	Tower	\$62	\$77	\$180 and up	— and up	\$7.00 per day valet parking with in-and-out privileges for registered guests only
SIR FRANCIS DRAKE Powell & Sutter Streets (No. of rooms held: 200)		\$36	\$51			
		40	55	\$165	\$205	
		44	59			

*Room rates per day; add 8% San Francisco room tax. Extra person in a room: Hilton and St. Francis, \$15; Sir Francis Drake, \$12.
**Parking rates subject to change. Persons not registered in these hotels may park at same rates, but do not have in-and-out privileges. Commercial parking is also available in garages located on Mason & O'Farrell across from the Hilton, beneath Union Square, and on Sutter & Stockton.

NOTE: If room rate specified is not available, the next available higher rate will be assigned. Confirmation will come to you from the Housing Bureau, which must be notified of any room cancellation up to 18 December 1979. All other changes, and all cancellations after 18 December, must be made directly with the hotel.

Please type or print!

AAAS HOUSING FORM

Please type or print!

CHOICE OF HOTEL: First _____ Second _____ Third _____

ROOM: ☐ Single ☐ Double ☐ Twin SUITE: ☐ 1 Bedroom ☐ 2 Bedrooms PREFERRED RATE: \$ _____

Please indicate any special housing needs due to a handicap: _____

ARRIVAL DATE: _____ TIME: _____ ☐ a.m. ☐ p.m.

DEPARTURE DATE: _____ TIME: _____ ☐ a.m. ☐ p.m.

Be sure to list definite arrival and departure date and time. Reservations will be held only until 6 p.m. unless accompanied by 1 night's deposit.)

NAMES AND ADDRESSES OF ALL OCCUPANTS OF ROOM

Name _____

Name _____

Street _____

Street _____

City _____ State _____ Zip _____

City _____ State _____ Zip _____

Name _____

Name _____

Street _____

Street _____

City _____ State _____ Zip _____

City _____ State _____ Zip _____

If more than one occupant per room, confirmation to be sent to (state name): _____

Mail to: AAAS Housing Bureau
1390 Market Street, Suite 260, San Francisco, CA 94102