

written review of dye lasers and their properties. In chapter 2, B. B. Snavely discusses continuous-wave dye lasers. The descriptions of tuning range, power, and experimental systems are still up to date in this rapidly developing area of dye laser technology.

An important application of dye lasers is the generation of tunable picosecond pulses. In chapter 3, C. V. Shank and E. P. Ippen describe the formation of ultrashort optical pulses and their measurement and applications.

The heart of the dye laser is the dye molecule itself. In chapter 4, K. H. Drexhage, the father of a number of laser dyes, discusses the structure and properties of laser dyes and outlines the future possibilities for new, more efficient, and longer-lived dyes with extended ultraviolet and infrared wavelengths.

The final chapter, by T. W. Hänsch, encompasses the wide applications of dye lasers. The topics considered include pollution detection, selective excitation spectroscopy, nonlinear spectroscopy, quantum-beat spectroscopy, and ultrahigh-resolution spectroscopy. Extension of the dye laser frequency range by nonlinear optical methods to the infrared and the ultraviolet is also discussed. Finally, a topic of recent intense interest, photochemistry and isotope separation, is considered.

I have found the book very useful as a reference and as an up-to-date summary of dye lasers. The only disappointment is the lack of discussion of high-energy flash-lamp dye lasers and their special engineering and design requirements. The book is well written and reasonably priced. It is an excellent introduction into the technology and applications of dye lasers.

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Books Received

Arizona Climate. 1931-1972. William D. Sellers and Richard H. Hill, Eds. University of Arizona Press, Tucson, ed. 2, 1974. viii, 616 pp., illus. \$18.

Auditory Stimulus-Response Control. Robert T. Fulton, Ed. University Park Press, Baltimore, 1974. xii, 164 pp., illus. \$12.50.

Australian Marsupials and Other Native Mammals. Michael Morcombe. Scribner, New York, 1974. 100 pp., illus. \$7.95.

The Biology of Brains. Proceedings of a symposium, London, Sept. 1972. W. B. Broughton, Ed. Halsted (Wiley), New York, 1974. xx, 290 pp., illus. \$19.95. Symposia of the Institute of Biology, No. 21.

Chemical Carcinogenesis. Part B. Papers from a symposium, Baltimore, October 1972. Paul O. P. Ts'o and Joseph DiPaolo, Eds. Dekker, New York, 1974. xxii + pp. 443-794, illus. \$26.50. The Biochemistry of Disease.

China. The People's Republic of China and Richard Nixon. Claude A. Buss. Freeman, San Francisco, 1974 (trade distributor, Scribner, New York). xiv, 118 pp., illus. Cloth, \$5.95; paper, \$2.95. Reprint of the 1972 edition.

Explaining Crime. Gwynn Nettler. McGraw-Hill, New York, 1974. x, 300 pp., illus. Paper, \$4.95.

Field-Effect Transistors in Integrated Circuits. J. T. Wallmark and L. G. Carlstedt. Translated from the Swedish edition (Stockholm, 1971). Halsted (Wiley), New York, 1974. xii, 154 pp., illus. \$13.50.

A Guide to Addiction and Its Treatment. M. M. Glatt. Halsted (Wiley), New York, 1974. xviii, 346 pp. \$15.95. Drugs, Society and Man.

Health in 1980-1990. A Predictive Study Based on International Inquiry. Philip Selby. Karger, Basel, 1974. x, 88 pp. Paper, \$7. Perspectives in Medicine, 6.

Introduction to Arachnology. Theodore Savory. Crane, Russak, New York, 1974. xiv, 112 pp., illus. \$7.50.

Japan. The New Superstate. Nobutaka Ike. Freeman, San Francisco, 1974 (trade distributor, Scribner, New York). xvi, 122 pp., illus. Cloth, \$5.95; paper, \$2.95. Reprint of the 1973 edition.

Liquid Crystals and Plastic Crystals.

Vol. 2. Physico-Chemical Properties and Methods of Investigation. G. W. Gray and P. A. Winsor, Eds. Horwood, Chichester, England, and Halsted (Wiley), New York, 1974. vi, 314 pp., illus. \$32.50. Ellis Horwood Series in Physical Chemistry.

Manpower Issues and Voluntary Regulation in the Medical Specialty System. Herbert J. Lerner. Prodist (Watson Academic), New York, 1974. xii, 188 pp. Paper, \$5.95.

New Developments in Titrimetry. Joseph Jordan, Ed. Dekker, New York, 1974. x, 200 pp., illus. \$19.75. Treatise on Titrimetry, vol. 2.

Organic Polymeric Semiconductors. Ya. M. Paushkin, T. P. Vishnyakova, A. F. Lunin, and S. A. Nizova. Translated from the Russian edition (Moscow, 1971) by R. Kondor. D. Slutzkin, Transl. Ed. Halsted (Wiley), New York, and Israel Program for Scientific Translations, Jerusalem, 1974. viii, 242 pp., illus. \$25.

The Physiological Basis of Starling's Law of the Heart. Proceedings of a symposium, London, Sept. 1973. Associated Scientific Publishers (Elsevier, Excerpta Medica, North-Holland), New York, 1974. x, 298 pp., illus. \$15.40. Ciba Foundation Symposium 24 (new series).

The Physiology of Insecta. Vol. 2. Morris Rockstein, Ed. Academic Press, New York, ed. 2, 1974. xx, 568 pp., illus. \$38.

Plastics Films. J. H. Briston and L. L. Katan. Halsted (Wiley), New York, 1974. x, 306 pp., illus. \$21.50. Plastics Institute Monographs.

Primates. Comparative Anatomy and Taxonomy. 7, Cynopithecinae. *Cercocebus*, *Macaca*, *Cynopithecus*. W. C. Osman Hill. Halsted (Wiley), New York, 1974. xxii, 934 pp., illus. + plates and maps. \$75. Edinburgh University Publications, Science and Mathematics No. 3G.

Principles and Practice of Electron Microscope Operation. Alan W. Agar, Ronald H. Alderson, and Dawn Chescoe. North-Holland, Amsterdam, and Elsevier, New York, 1974. xiv, 346 pp., illus. \$34.60. Practical Methods in Electron Microscopy, vol. 2.

The Use of Genetics in Insect Control. Papers from a symposium, Canberra, Australia, Aug. 1972. R. Pal and M. J. Whitten, Eds. North-Holland, Amsterdam, and Elsevier, New York, 1974. xiv, 242 pp., illus. \$32.

AAAS Annual Meeting New York City 26-31 January 1975

The program for the forthcoming AAAS Annual Meeting in New York City, 26-31 January 1975, can be found on pages 1016 to 1025 of the 13 December issue of *Science*.

A list of the tours which have been arranged for the Annual Meeting appeared in the 6 December issue of *Science* on page 918.

A schedule of films for the Science Film Festival which will take place at

the meeting, as well as a partial list of exhibitors at the new *INTERSCIENCE INTERNATIONAL*, can be found on page 1111 of the 20 December issue of *Science*.

We urge you to attend what will doubtlessly be a very valuable and rewarding scientific experience. Complete and return the registration forms which appear on pages 1202 and 1203 of this issue.

AAAS Annual Meeting: New York, N.Y. **26-31 January 1975**

Americana of New York (E)
City Squire Motor Inn
Seventh Avenue at 52nd Street

ADVANCE REGISTRATION FORM

- ☐ Enclosed is \$20 Registration Fee (Program and Convention Badge)
- ☐ Enclosed is \$25 Registration Fee (for attendee and spouse) (One Program and two Convention Badges)
- ☐ Enclosed is \$10 Student Registration Fee (Program and Convention Badge)
- ☐ Enclosed is \$10 One-Day Registration Fee (Program and Convention Badge) _____
(Specify Day)

Program and badge will be mailed in December.

Registrations received after 10 January will be held at the AAAS Information Booth.

NAME: _____
(Last Name) (First) (Middle Initial)

MULTIPLE REGISTRATION: _____
(List full name for spouse and other registrants)

MAILING ADDRESS: _____
[For receipt of program and badge(s)] (Street) (City/State) (Zip Code)

INSTITUTION OR COMPANY: _____
(City) (State) (Zip Code)

CONVENTION ADDRESS: _____
(Where you can be reached) (Hotel or Street Address)

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

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

SURVEY OF ATTENDEES

Annual Meeting, New York City, 26-31 January 1975

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		Distance Traveled to Meeting	
41 <input type="checkbox"/>	Doctoral Degree	51 <input type="checkbox"/>	Under 26 years	61 <input type="checkbox"/>	Under 51 miles
42 <input type="checkbox"/>	Master's Degree	52 <input type="checkbox"/>	26 to 35 years	62 <input type="checkbox"/>	51 to 100 miles
43 <input type="checkbox"/>	Other professional	53 <input type="checkbox"/>	36 to 45 years	63 <input type="checkbox"/>	101 to 200 miles
44 <input type="checkbox"/>	Bachelor's Degree	54 <input type="checkbox"/>	46 to 55 years	64 <input type="checkbox"/>	201 to 500 miles
45 <input type="checkbox"/>	(other)	55 <input type="checkbox"/>	56 to 65 years	65 <input type="checkbox"/>	501 to 1000 miles
		56 <input type="checkbox"/>	Over 65 years	66 <input type="checkbox"/>	Over 1000 miles

Membership: in AAAS ☐ 71, in Affiliate ☐ 72 (specify) _____ Neither ☐ 73

Reservations

HOTEL RATES* (Per Day)

The American Association for the Advancement of Science will hold its 1975 Annual Meeting in New York City, 26-31 January. The AAAS registration and information desks will be located in the Albert Hall at the Americana of New York. The following hotels will be used for housing:

Hotel	Single	Double	Twin	Suites**	Parking
1) AMERICANA OF NEW YORK*** Seventh Avenue at 52nd Street	\$25 28 30 33 36	\$36 38 42 45 48	\$36 38 42 45 48	\$60 and up	\$7 per 24 hours (subject to change)
2) CITY SQUIRE MOTOR INN*** Seventh Avenue at 52nd Street	\$24 27 29 32 35	\$35 37 41 44 47	\$35 37 41 44 47	\$59 and up	Free

* New York Sales Tax, 8%; New York City Room Tax, \$1 per night; \$10 additional charge for cots and rollaway beds. If rate specified is not available, the next available higher rate will be assigned.

** One-bedroom parlor suites; rates for larger suites available upon request.

*** Children under age 14 accommodated at no extra charge in same room with parents; four persons per room maximum.

HOTEL RESERVATIONS FORM Mail to: AAAS Housing Bureau, c/o Reservation Manager,
Americana Hotel, 811 Seventh Avenue, New York, N.Y. 10019

CHOICE OF HOTEL: First _____ Second _____

ROOM: ☐ Single ☐ Double ☐ Twin ☐ Suite Preferred Rate \$ _____

ARRIVAL: Date _____; _____ a.m. _____ p.m. Be sure to list definite arrival and departure date and time. Hotel reservations will be held only until 6 p.m. unless otherwise specified.

DEPARTURE: Date _____; _____ a.m. _____ p.m.

NAMES AND ADDRESSES OF ALL OCCUPANTS OF ROOMS

Name _____ Name _____

Address _____ Address _____

City _____ State _____ Zip _____ City _____ State _____ Zip _____

Name _____ Name _____

Address _____ Address _____

City _____ State _____ Zip _____ City _____ State _____ Zip _____

Individual Requesting Reservations _____