

Forthcoming Professional Meetings

The **Optical Society of America** has announced a second series of workshops on Optical Fabrication and Testing. The meetings will follow the established format of two-day meetings organized to discuss fabrication and testing with emphasis on local problems. The first workshop in the 1977-78 series will be held 23-24 June at the Ethan Allen Inn in Danbury, Conn. The program will emphasize fabrication and testing problems. Session topics will be: Optics for Solar Energy; Manufacture of Lens Assembly; and Infrared Optics. Further information is available from Optical Society of America, Suite 620, 2000 L St., N.W., Washington, DC 20036.

A **symposium on Recent Advances in the Psychophysical and Visual Aspects of Image Evaluation** will be held 24-25 October at the Holiday Inn Downtown, Rochester, N.Y., under the auspices of the Society of Photographic Scientists and Engineers. Cooperating Societies are the Optical Society of America, the Psychonomic Society; and the Association for Research in Vision and Ophthalmology. The announcement emphasized the growing interest in considering the observer when evaluating images, noting that psychophysics provides a link between the perception of observers and the physical image parameters over which image science has control. The symposium is planned as an intense, two-day look at the state-of-the-art in this field. Further information is available from Robert H. Wood, Executive Director, Society of Photographic Scientists and Engineers, 1411 K St., N.W., Washington, DC 20005.

Film '77 (11-15 July at Grosvenor House, Park Lane, London) will be opened by Sir Charles Curran, Director General of BBC, who will speak on Technology and the Consumer. Session topics and papers scheduled for the five-day meeting are listed below.

Production Techniques — "An Illustrated Survey of New Production Techniques," David Samuelson, USA; "Using Lighting for Colour," Karel Staes, Agfa-Gevaert N.V.; "Using ENG in Practice," Boris Townsend, IBA, and Charles Urban, BBC; "Special Effects in the Space Age," Brian Johnson; "Computers in the Film Industry," Stan Hayward and John Jenkins, Imperial College; "Techno-Mania: A Personal View," Lars Svanberg.

Sound — "Acoustic Scaling," D. J. Meares, BBC; "Acoustic Factors in Monitoring," C. C. Buckle; "Is Test Film a Standard?" Norman Leevers; "Reproduction of Optical Tracks," Trygve Svensson, Servotron; "Diversity Operation of Radio Microphones," J. L. Eaton, BBC; "The Sondor MO3 Libra," W. Hungerbühler, Switzerland; "The ARA-1 Audio Response Analyser," C. C. Isenman, Wilmut Breeden Electronics Ltd.; "New Medway Dubbing," Adrian Sumption, Thames Television.

Laboratory Techniques — "A New High Temperature Colour Positive From 3M," Peter

Watts, 3M United Kingdom Ltd.; "The DuArt Frame Count Cuing System," Paul A. Kaufman and Irwin W. Young, USA; "Pollution Abatement Through Solution Management," Arthur C. Titus, USA; "Rationalization of the Colour Print Process," Walter Seys, Agfa Gevaert N.V.; "Liquid Gates for Printing," W. D. Carter, USA; "Tape-to-Film Transfer in Scandinavia," Bengt Orhall, AB Film Technik; "The ABC-Photomec Custom Film Processor," Gideon Fiat and Isaac Hersly, USA.

Colour — "Colour Measurement," Bill Taylor, BBC; "Colour Rendering and its Evaluation," Karel Staes; "On Perceiving Color," Bertil Allander, Sveriges Radio.

Film Technology — "MTF and Colour Rendering," P. Bohler, NRK; "EBU Time-Code for Picture and Magnetic Films," A. Heller, IRT; "Film Editing Table for EBU Time Code," K. H. Trissol, IRT, and N. Lundgren, WDR; "Visual Time Code," J. P. Beauviala, Aaton; "GSMO Camera," Ed Di Giulio, USA; "Hologon High-Speed Projector," Ulrich M. Fritzer, USA; "Comitor High-Speed Projector," N. F. Chapman, USA; "Holoscope High-Speed Projector," P. W. Wolfert, GTC; "Inflight Movies," Derrick O'Connor, Inflight; "Metal Halogen Light Sources, a Solution to the Flicker Problem," S. Futers, Rank Audio-Visual; "Wild-Life Filming," Survival Anglia.

Television Technology — "A Telecine Video Processing Technique for Improved Results From Newsfilm," W. R. Godden, Kodak Ltd.; "The Colorimetric Fidelity Characteristics of Telecines Within the EBU Organisations," M. Rotthaler, IRT; "Electronic Subtitling for Feature Films," W. Hawkins, W. Murray and P. Tigwell, BBC; "An Automatic Editing System for Colour Negative Film," K. Takahashi and S. Ichianagi, NHK; "Masking in the Film/Telecine System," Karel Staes; "A Telecine Spectral Response to Reduce Interchannel Cross-Talk," R. Lovick, USA; "The Videodisc, its Performance and Applications," G. Broussaud, Thomson CSF; "An Approach to Holographic Data Recording," P. Waterworth, Plessey; "New Videotape Formats," C. Urban and D. Bowd, BBC; "Digital Video Recording, The Logical Choice," J. Baldwin, IBA; "Post Production Editing in Television," L. Roworth, London Weekend Television, and A. Jackson, Rank Cintel.

Audiovisual Applications and Techniques — "Why Not Make Better Lecture Slides," Stan Mason, Kodak Ltd.; "The Rostrom Camera's Role in Slide Production," Robin Prater, Prater Audio Visual; "The Impact of Helical Scan on AV Communication," Martin Morcom, Sony UK Ltd.; "110 Automatic Filmstrips in Action," Tom Hodson, Talking Pictures Productions; "Coded Location for Synchronizing Filmstrip and Sound," Peter Harris, Gordon Audio Visual; "Up-Market in Television AV," Jon Hocking, Zoom Television Ltd.; "Communication With Multiple Projectors," Christopher Hope, World Wide Pictures; "The Microprocessor in Multiple-Projector

Presentations," Michael Ray, Electronsonic Ltd.

Symposium

Preceding the Papers Program a Symposium on High-Speed Printing and Processing will be held 9 July at BAFTA, 195 Piccadilly, London. The one-day symposium will cover the commercial apparatus available and the experiences of laboratories operating high-output equipment. Printers up to and beyond 1000 ft/min and processing machinery of 300 ft/min and more will be discussed.

Calendar

6-7 June 1977

Consumer Electronics, 18th Annual Chicago Spring Conference, Marriott Hotel, Chicago. Info from Dr. Walter Ciciora, Conference Chairman, Zenith Radio Corp., 6101 Dickens Ave., Chicago, IL 60639. (See *Journal*, p. 172, Mar. 1977.)

6-9 June 1977

International Conference on Multiphoton Processes (ICOMP), University of Rochester, Rochester, N.Y. Info from J. H. Eberly, ICOMP Chairman, Dept. of Physics and Astronomy, University of Rochester, Rochester, NY 14627.

6-10 June 1977

Course on Principles of Color Technology, Rensselaer Polytechnic Institute. Info from Office of Continuing Studies, Rensselaer Polytechnic Institute, Troy, NY 12181. (See *Journal*, p. 362, May 1977.)

7-9 June 1977

Euro Comm 77 — Advanced Communications Exhibition and Conference, Copenhagen, Denmark. Info from Bella Center A/S, Center Blvd., DK-2300 Copenhagen S., Denmark. (See *Journal*, p. 172, Mar. 1977.)

8-9 June 1977

Ultraviolet Radiation Measurement Symposium, National Bureau of Standards. Info from Dr. Jack L. Tech, Room B-306, Metrology, Radiometric Physics Section, National Bureau of Standards, Washington, DC 20234.

13 June through 29 July 1977

Institute of Optics, University of Rochester, four short courses: 13-17 June, Digital and Optical Image Processing; 20-24 June, Colorimetry; 11-15 July, Optical System Design; 18-29 July, Contemporary Optics. Info from Summer Optics Programs, The Institute of Optics, University of Rochester, Rochester, NY 14627. (See *Journal*, p. 172, Mar. 1977.)

20-24 June 1977

Colorimetry, a short course, University of Rochester. Info from The Institute of Optics, University of Rochester, Rochester, NY 14627. (See *Journal*, p. 363, May 1977.)

20-24 June 1977

Advances in Color Technology, short course, Rensselaer Polytechnic Institute. Info from Office of Continuing Studies, Rensselaer Polytechnic Institute, Troy, NY 12181.

23-24 June 1977

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