

Forthcoming Professional Meetings

The 18th Annual Spring Conference on Consumer Electronics will be held 6-7 June at the Marriott Hotel in Chicago, Ill. Sponsors are the Institute of Electrical and Electronic Engineers (IEEE) Consumer Electronics Group and the IEEE Chicago Section. Prior to 1976 the conference was known as the Chicago Spring Conference on Broadcast and Television Receivers. The conference has expanded in scope beyond the traditional areas of television, radio and audio to include new areas such as semiconductors for consumer products; passive components; and design for reliability/producibility. Further information is available from the Conference Chairman Walter Ciciora, Zenith Radio Corp., 6101 W. Dickens Ave., Chicago, IL 60639.

Euro Comm 77 Advanced Communications Exhibition and Conference will be held 7-9 June 1977 at Bella Center A/S, Center Blvd., DK-2300 Copenhagen S, Denmark. Nord-Video -- the Scandinavian cooperative publishers Nord-Video Group -- together with the Bella Center in Copenhagen is arranging the exhibition and conference. Subjects to be considered at the conference include communications sat-

ellites; microwave communications; data network and data transmission; information storage; holography; micrography; video; cable TV; audiovisual equipment; videocassettes; and information communication. According to the announcement, "These are all electronic ways of passing on knowledge in a future that has already begun." Further information is available from Bella Center A/S, Center Blvd., DK-2300 Copenhagen S, Denmark.

The Institute of Optics, University of Rochester, is offering four short summer courses for scientists, engineers and managers.

Digital and Optical Image Processing will be held 13-17 June. Designed for scientists, engineers and managers who require a detailed understanding of the field, the course will provide the basic concepts and methods of image processing from both digital and optical points of view.

Colorimetry will be held 20-24 June. It is intended for management and technical persons in industries that deal with colored materials. The concepts and techniques for specification, formulation and control of color will be presented. Course instructor is David L. MacAdam,

formerly head of the Image Structure Laboratory of the Eastman Kodak Co., and a well known authority on color vision, measurement and reproduction.

Optical System Design to be held 11-15 July will be taught by Rudolf Kingslake. The course is designed to give participants sufficient acquaintance with the various types of optical elements so that they can lay out a system to fit into the available space and perform the specified task.

Contemporary Optics will be held 18-29 July. The course is designed especially for physicists and engineers who are not primarily specialists in optics but who need to interact with people who are.

Further information is available from M. Parker Givens, Acting Director, Summer Optics Programs, The Institute of Optics, University of Rochester, Rochester, NY 14627.

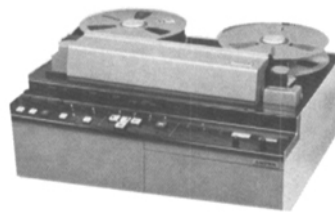
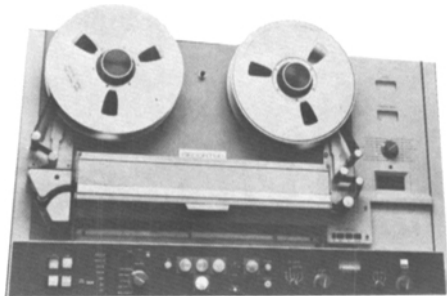
The 1977 Athens International Film and Video Festival will be held 15-30 April at the Athena Cinema and Ohio University auditoriums. Among the events will be a series of Animation Workshops. A series of workshops on film and video production is also scheduled. Other events include an international film competition, video competition and a competition for super-8 productions. Further information is available from The Athens International Film Festival, P.O. Box 388, Athens, Ohio 45701.

Calendar

20-23 March 1977

Trans-Metric Expo '77, Chicago, Info from American National Metric Council, 1625

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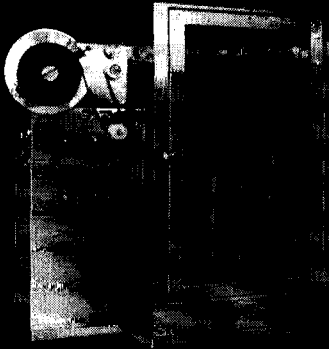
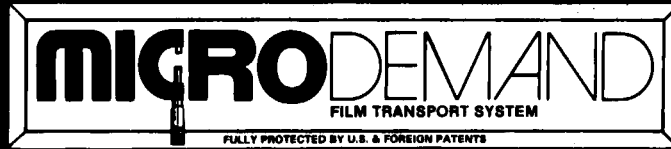


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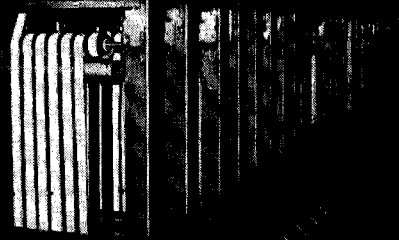
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| Reliability | Rugged construction, quality materials and sound engineering. Always ready when you are! | <input type="checkbox"/> | Automatic compensation for elongation and contraction of film during processing cycle. |
| Flexibility | Any format 35mm, 35/32mm (1-3), 35/32mm (1-4), 35mm 5R S8, 16mm — 70MM-105MM etc. | <input type="checkbox"/> | Virtually eliminates all film breakage, scratches and static marks. |
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| Credibility | Ask the labs who own them. Most of them own not one but several. | <input type="checkbox"/> | Entire upper film shaft/roller assemblies easily removed. No tools needed. |
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Massachusetts Ave., N.W., Washington, DC 20036

27-30 March 1977

NAB Convention, Shoreham/Sheraton Park, Washington, D.C. Info from National Assn. of Broadcasters, 1771 N St. N.W., Washington, DC 20036.

15-30 April 1977

Athens International Film and Video Festival, Ohio University. Info from Athens International Film Festival, Box 388, Athens, OH 45701. (See above.)

17-20 April 1977

NCTA Meeting, Conrad Hilton Hotel, Chicago, Ill. Info from National Cable TV Assn., 918 16th St., N.W., Washington, DC 20006.

18-19 April 1977

Stray Light Problems in Optical Systems, SPIE Seminar, Reston, Va. Info from Society of Photo-Optical Instrumentation Engineers, Box 1146, Palos Verdes Estates, CA 90274.

18-21 April 1977

SPSE/SPIE Technical Symposium East—Topic, Materials for Scientific Photography, Sheraton Inn, Reston, Va. Info from SPSE, 1411 K St., N.W., Suite 930, Washington, DC 20005.

19-21 April 1977

Society for Information Display, 1977 International Symposium and Exhibition, Boston. Info from Lewis Winner, 152 W. 42 St., New York, NY 10036. (See *Journal*, p. 834, Oct. 1976.)

20-21 April 1977

Optics in Law Enforcement, SPIE Seminar, Reston, Va. Info from Society of Photo-Optical Instrumentation Engineers, Box 1146, Palos Verdes Estates, CA 90274.

1-6 May 1977

SPSE 30th Annual Conference -- Seminars in Image Processing and Photoconductor Imaging Technology, Sheraton-Universal Hotel, North Hollywood, Calif. Info from Society of Photographic Scientists and Engineers, 1411 K St., N.W., Suite 930, Washington, DC 20005.

4-5 May 1977

Videoshow, Hotel Bonaventure, Los Angeles. Info from Sandy Abrams, Educational & Industrial Television Magazine, P.O. Box 565, Ridgefield, CT 06877.

5-6 May 1977

The Ultimate Audio-Visual Seminar, Rochester, N.Y. Info from Audio-Visual Insights, Inc., P.O. Box 277, Ramsey, NJ 07446. (See *Journal*, p. 91 Feb. 1977.)

9-12 May 1977

NAVA-WEST Conference, Caesars Palace, Las Vegas, Nev. Info from National Audio-Visual Assn., 3150 Spring St., Fairfax, VA 22030.

10-13 May 1977

AES Spring Convention, Los Angeles. Info from Audio Engineering Soc., 60 E. 42 St., New York, NY 10017.

20-21 May 1977

Motion Picture Seminar of the Northwest, Seattle Center Playhouse, Seattle, Wash. Info from Motion Picture Seminar of the Northwest, P.O. Box 1068, Seattle, WA 98111.



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bird (bɜrd) *n.* 1. Any member of the class Aves, which includes warm-blooded, egg-laying feathered vertebrates with forelimbs modified to form wings. 2. A bird hunted as game. 3. *Aero-space Slang*. A rocket or guided missile. 4. A target. a **clay pigeon** (see). 5. The feather-tipped object used in playing badminton, a **shuttlecock** (see). 6. *Slang*. One who is odd or remarkable. 7. *British Slang*. A young woman. 8. *Slang*. A derisive sound of disapproval or derision. Used chiefly in the expression *give someone the bird* —for the birds. *Slang*. Objectionable or worthless. —*intr.* **birded, birding, birds**. 1. To observe and identify birds in their natural surroundings. 2. To trap, shoot, or catch birds. [Middle English *byrd, byrd*, young bird, Old English *bric*.]

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20-24 May 1977

HESCA Meeting, Stouffers Inn, Indianapolis, Ind. Info from Health Sciences Communications Assn., c/o Instructional Media Services, USC School of Medicine, Los Angeles, CA 90033.

3-10 June 1977

Montreux International Television Symposium, Montreux, Switzerland. Info from International Television Symposium, P.O. Box 97, CH-1820, Montreux, Switzerland. (See *Journal*, p. 592, July 1976; also p. 91 Feb. 1977.)

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 above.)

7-9 June 1977

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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 above.)

10-15 July 1977

Color 77, Third Congress of the International Colour Assn. (Assn. Internationale de la Couleur), Rensselaer Polytechnic Institute, Troy, N.Y. Info available from Fred W. Billmeyer, Jr., Dept. of Chemistry, MRC Room 217, Rensselaer Polytechnic Institute, Troy, NY 12181. (See *Journal*, p. 38, January 1976.)

11-15 July 1977

Film 77, Grosvenor House Hotel, London, England. Info from BKSTS, 110-112 Victoria House, Vernon Pl., London WC1B 4DJ, England. (See p. 832, *Journal*, October 1976.)

15-17 July 1977

MPL Seminar, Memphis State University, Memphis, Tenn. Info from Motion Picture Laboratories, 781 South Main, Memphis, TN 38101.

31 July-4 August 1977

86th International Exposition of Professional Photography and 25th National Industrial Photographic Conference, Rosemont, Ill. Info from Ms. Donna R. McMahon, Professional Photographers of America, Des Plaines, Ill.

8-11 August 1977

BPA 47th Annual Meeting, Baltimore, Md. Info from Raymond E. Lund, RPB, FBPA, Biological Photographic Assn., P.O. Box 269, Joppa, MD 21085.

8-12 August 1977

IREECON International Convention and Equipment Exhibition, Melbourne, Australia. Info from Michael W. Byrne, IREECON Public Relations Manager, 157 Gloucester St., Sydney, 2000, Australia. (See *Journal*, p. 896, November 1976.)