

# JOURNAL OF THE

# SMPTE



ENGINEERING • SCIENCE • TECHNOLOGY  
FOR MOTION PICTURES • TELEVISION • INSTRUMENTATION • HIGH-SPEED PHOTOGRAPHY

- 281 The Use of Bleach-Fixing Baths in Color Motion-Picture Print Film Processing —  
Part II: Practical Application • *R. Roosen, G. Vanreusel, and R. Verbrugghe*
- 284 Is Redevelopment of Optical Soundtracks on Gevacolor Print Film T 9.85 Still Required? •  
*K. Staes, L. Hayen, and R. G. L. Verbrugghe*
- 287 Designing the CP-16 and CP-16A News/Documentary Cameras • *Edmund M. DiGiulio*
- 292 Obtaining the Software for an Automation Project • *M. W. S. Barlow*
- 294 The Automated Television Station • *Donald K. Hutchinson*
- 300 Digital Frame Storage for Television Video • *Scott G. Pursell and Harold Newby*
- 303 Coded Information Within the Picture Area • *Wilton R. Holm*
- 304 Report on Home Receiver Image Area Test • *R. J. Zavada*
- 317 Draft American National Standards  
PH22.188, Specifications for Camera Run Length of Film in Super 8 Model II Motion-Picture Film Camera Cartridges (50-ft Capacity); PH22.189, Location of Film Loaded in Super 8 Model II Motion-Picture Camera Cartridges; PH 22.190, Dimensions and Characteristics for Super 8 Model II Film Camera Cartridge, Cartridge-Camera Fit and Core Specifications; PH22.191, Dimensions and Location of Slots, Projections and Cartridge Hole for Indicating Film Speed, Color Balance and Film Identification for Super 8 Model II Motion-Picture Film Camera Cartridge
- 323-352 Contents on inside back cover

**116th SMPTE Technical Conference and Equipment Exhibit • November 10-15 • Toronto**

**News Columns**

Education, Industry News . . . . .	324	Employment Service . . . . .	350
New Products . . . . .	332	Journals Available/Wanted . . . . .	350

**Advertisers**

Arriflex Co. of America . . . . .	344, 346	Guillotine Splicer Corp. . . . .	330
Atlanta Film Equipment Rental. . . . .	350	Image Devices, Inc.. . . . .	329
Bach Auricon, Inc. . . . .	331	LaVezzi Machine Works, Inc. . . . .	342
Bebell . . . . .	350	Magnasync/Moviola Corp. . . . .	325
Berkey Colortran, Inc. . . . .	347	Magna-Tech Electronic Co., Inc. . . . .	352
Berkey Marketing (Spectra Div.) . . . . .	334	Multi-Track Magnetics, Inc. . . . .	344
Camera Mart . . . . .	323, 351	Paillard, Inc. . . . .	337
Cinema Products Corp.. . . . .	324, 339, 340	Photo Research . . . . .	336, 338
Classified . . . . .	350	Plastic Reel Corp. of America . . . . .	345
DeLuxe General Inc. . . . .	333	Professional Services . . . . .	348
Eastman Kodak Co. . . . .	326, 327	Shure Brothers, Inc. . . . .	343
Eclair Corp. of America . . . . .	335	Technology Inc. . . . .	341
Frezzolini Electronics Inc. . . . .	328	Western Cine . . . . .	342

**Meeting Calendar**

National Press Photographers Assoc. (NPPA), June 24–28, Detroit	<b>117th SMPTE Technical Conference and Equipment Exhibit, Apr. 6–11, 1975, New York Hilton Hotel, New York</b>
11th International Congress on High-Speed Photography, Sept. 15–21, 1974, Imperial College, University of London, England	NCTA Convention, April 13–17, 1975, Rivergate Convention Center, New Orleans
Photokina, Sept. 27–Oct. 3, 1974, Cologne, Germany	SPSE 28th Annual Conference, Photographic Science and Engineering, May 11–16, 1975, Denver Hilton Hotel, Denver
11th UNIATEC Congress, Oct. 7–11, Salerno, Italy	BKSTS Film '75, June 23–27, 1975, Royal Lancaster Hotel, London
<b>116th SMPTE Technical Conference and Equipment Exhibit, Nov. 10–15, 1974, Four Seasons-Sheraton, Toronto</b>	<b>118th SMPTE Technical Conference and Equipment Exhibit, Sept. 28–Oct. 3, 1975, Century Plaza Hotel, Los Angeles</b>
NAEB, Nov. 17–20, Las Vegas Convention Center, Las Vegas, Nev.	



**SMPTE Officers and Committees:** Rosters of Society Officers, Section and Chapter Officers, and Committee Chairmen and Members, are published in Directory for Members, March 1974.