

First Joint SMPTE-SPSE Seminar

Continuous-Film Processing

Technologies in the Laboratory Handling of Motion-Picture and Other Long Films

November 12 and 13

Airport Marina

Los Angeles

A seminar in the field of long-length film handling and practices will be an intersociety venture to accommodate the growing technology in the motion-picture laboratory. The full program of papers and speakers is published below.

Chairmen of the Seminar are: (for SPE) **Alan M. Gundelfinger**, Technicolor Corp., Los Angeles; and (for SMPTE) **John R. (Dick) Sullivan**, Eastman Kodak Co., Hollywood. Assisting them are **Joseph Schmit**, Technicolor Corp., SPSE; and **Howard Stucker**, California State College at Los Angeles, SMPTE Hollywood Section Chairman.

Twelve separate sessions will be held on various aspects of film and the laboratory. Each session will be preceded by a speaker knowledgeable in the field.

Individual Seminar announcements, registration cards and hotel rates have been mailed to all members. Those wishing more information should write to SMPTE Headquarters, 9 East 41 St., New York, NY 10017, or SPSE, 1330 Massachusetts Ave, N.W., Suite 204, Washington, DC 20005.

The Seminar program follows:

Thursday, November 12, Morning

- 8:00 - 8:50 - Check in at Registration Desk
- 9:00 - 9:30 - Introductory Paper - *Eastman Kodak Co.* (speaker to be announced)
- 9:30 - 10:15 - "The Modern Motion Picture Laboratory" by *Ted Fogelman*, Vice-President and Laboratory Superintendent, Consolidated Film Industries, Hollywood (services, facilities, procedures, work flow, responsibilities, quality control, cleanliness)
- 10:15 - 10:30 - Coffee Break
- 10:30 - 11:15 - "Photographic Materials" by *Dr. Frank P. Brackett, Jr.*, Corporate Technical Director, Technicolor, Inc., Hollywood (black-and-white/color, negative and positive, intermediates, duplicates, reversal, dye transfer and instrumentation films; speed, contrast, spectral sensitivity, grain and resolution)
- 11:15 - 12:15 - "Fundamentals of Light and Color" by *Edward P. Ancona, Jr.*, Color Consultant, National Broadcasting Co., Los Angeles, CA (physical and psycho-physical properties, lenses, reflectors, filters, tri-color principles)
- 12:30 - 2:00 - Luncheon

Thursday Afternoon

- 2:00 - 2:45 - "Photographic Chemistry" by *Fred Porter*, Research Laboratories, Eastman Kodak Co., Rochester, N.Y. (developing agents, color coupling, bleaching, fixing, hardening, stabilizing baths, washing, health hazards)



Alan M. Gundelfinger
Chairman from SPSE



John R. Sullivan
Chairman from SMPTE

- 2:45 - 3:30 - "Chemical Systems" by *Robert F. Allaire*, Foreman, Solutions Dept., and *R. F. Grenier*, Chemist, Technicolor Corp., Hollywood (mixing, circulation, control, replenishers, silver recovery)
- 3:30 - 3:45 - Coffee Break
- 3:45 - 5:15 - "Film Processing - Equipment and Control" by *Ralph D. Whitmore*, Hollywood Film Co., Hollywood (black-and-white, reversal, color and high-temperature processes: machinery and construction materials - temperature and level controls, flowraters, filtering, air-conditioning)

Thursday Evening

- 8:00 - 9:00 - "Wide-Film Tracking in Commercial Processors" by *Robert Schram*, CinTel Corp., 11801 W. Olympic Blvd, Los Angeles, CA 90064 (related aerial wide-film tracking problems; evaluation for incorporation into commercial equipment; roller design; various types of transport roller coverings; required top roller/elevator adjustment; equipment cost considerations)
- 9:00 - 10:00 - "Fultron Film Processor" Kodak Apparatus Div., Eastman Kodak Company, Rochester, N.Y. (speaker to be announced) (black-and-white aerial products; camera and duplicating films, widths up to 9.5 in; process control; versatile sensitometry; consistency and reliability; field operation; installation, water consumption, temperature control; design features)

Friday, November 13, Morning

- 9:00 - 10:00 - "Sensitometry" by *Sidney P. Solow*, President and General Manager, Consolidated Film Industries, Hollywood (theory and practice, sensitometers, densitometers, control methods)

10:00 – 10:15 – Coffee Break
 10:15 – 11:15 – “Film Printing, Black-and-White and Color” by *Jack P. Hall*, President, Producers Service Corp., Glendale, Calif. (methods; machines and light sources; sound, light and color testing; timing)
 11:15 – 12:15 – “Optical Printing Techniques” by *Joseph W. Schmit*, Assistant Technical Control Manager, Technicolor Corp., Hollywood (auto selective; auto fades, dissolves; wipes; traveling mattes; title effects; anamorphic printing; format conversion; wet printing)
 12:30 – 2:00 – Luncheon

Friday Afternoon

2:00 – 2:45 – “Sound and the Laboratory” by *Fred J. Scobey*, Vice-President, Engineering, DeLuxe General, Inc., Hollywood (tracks for color and black-and-white; photographic and magnetic printing; processing, striping,

transferring, electro-printing, quality control)

2:45 – 3:30 – “Projection and Evaluation Procedures” by *Don V. Kloepfel*, Director of Projection Services, DeLuxe General, Inc., Hollywood (illumination, light sources, color temperature, screen brightness, ambient light, viewing conditions; standard for 70,35, 16, 8 mm, projection room acoustics, etc.)

3:30 – 3:45 – Coffee Break

3:45 – 4:45 – “The Impact of Modern Technologies on the Future of the Laboratory” by *Wilton R. Holm*, Vice-President and Executive Director, Association of Motion Picture and TV Producers, Inc., Hollywood (EBR, EVR, lasers, spatial filtering, image enhancement, Fourier Transform planes, exotic materials, holography, multiple images; tape to film and film to tape)

4:45 – 5:00 – Announcements

Fourth Annual Winter Television Conference San Francisco January 22 and 23

Plans have been announced for the next Winter Television Conference. It will be convened in San Francisco, Calif., on January 22 and 23, 1971. The site will be the world famous St. Francis Hotel overlooking Union Square in the heart of San Francisco. Because the San Francisco-Bay Area is the home of many leaders in the videotape recording equipment field the theme of this working-education Conference will be “Video Magnetic Recording.”

Chairman of the Conference is **Werner H. Ruhl**, Technical Director of American Broadcasting Co. in San Francisco. For further information, address

Werner H. Ruhl
 415 Molimo Drive
 San Francisco, CA 94127

Howard W. Town and **Charles E. Anderson** of Ampex Corp., Redwood City, Calif., are Associate Chairmen assisting Werner Ruhl on the program that has been set up in four topic sessions with some of the papers already scheduled for presentation:

- The sessions and their chairmen follow:
- I – Helical Scan and Disc Recorders, Chairman, **Joe Roizen**, Graduate Educational Networks, Palo Alto, Calif.
 - II – Quadruplex Recorders, Chairman, **Howard W. Town**, Ampex Corp., Redwood City, Calif.
 - III – High-Speed Duplication of Videotape, Chairman, **Al Isberg**, University of California, Berkeley
 - IV – New Developments in Color Cameras for Broadcast and Industrial Use, Chairman, **Louis L. Pourciau**, International Video Corp., Sunnyvale, Calif.



Werner H. Ruhl
 Conference Chairman

In addition to the four technical sessions, a trip has been scheduled to Redwood City for a tour of the Ampex Corp. This would give those attending the Conference a chance to see how electronic components such as heads are manufactured and in addition a chance to talk to engineers about problems they have encountered with typical equipment.

This Conference has been preceded by three successful Conferences. The first one was held in Detroit in 1968, and its success in attracting participants and dealing with the practical problems of television broadcast engineering set a precedent for those that followed in Toronto and Atlanta.

Each winter's conference is aimed at presenting basic considerations and providing practical exchanges of solutions to problems.