

# Forthcoming Professional Meetings

The SMPTE Chicago Section Annual Midwinter Symposium/Chairman's Reception will be held Saturday evening, 1 December 1979, at the Ramada Inn O'Hare near O'Hare airport in Chicago. Presentation of awards and special honors to members who have contributed to the success of the section in 1979 will be an important part of the evening's ceremonies. Several Past Chairmen, Governors, and Managers from around the country will attend. A 17-piece orchestra will provide the dance music and the spectacular view from the grand ballroom will provide the mood. It will be an interesting, informative, and entertaining evening and non-members are urged to participate. Information is available from Ken Knaus, Eastman Kodak Co., 1901 W. 22nd St., Oak Brook, IL 60521.

The Helson Memorial Symposium on Chromatic Adaptation will be held 3 - 6 February 1980 in Williamsburg, Va., sponsored by the International Colour Association (AIC) and the Inter-Society Color Council. The purpose of the symposium is to bring together outstanding experts in the field and those it touches, together with the active workers in those fields, to provide: (1) authoritative presentation through invit-

ed papers of the present state of knowledge of chromatic adaptation from historical, theoretical, empirical, and applied points of view; (2) the opportunity through contributed papers for younger workers in the field to describe their own current research; and (3) a forum for open discussion among all present.

The remarkable ability of the human eye to respond to and compensate for large changes in the quality of illumination has been studied since the 1860s, but even today, is not understood. Why is it that when one goes indoors from the bluish light of the north sky to the warm tones of incandescent lamps, whites still look white and all colors are recognizable despite drastic changes in the physical stimuli reaching the eye? What are the color-vision mechanisms responsible for this chromatic adaptation? How can the results be predicted by calculations based on measurement of the physical stimuli? Of what value would the practical application of these calculations be to, for example, color reproductions? It is these and related topics that will be discussed at the Helson Symposium.

Further information is available from Dr. Fred W. Billmeyer, Jr., General Chairman, ISCC Helson Symposium, Rensselaer Polytechnic Institute, Troy, NY 12181.

## Calendar

15-18 November 1979

**Billboard's First International Video Music Conference**, Sheraton-Universal Hotel, Los Angeles. Info from Joshua Simons, Billboard International Video Music Conference, 9000 Sunset Blvd., Los Angeles, CA 90069.

17-18 November 1979

**Home Video Show**, L.A. Convention Center, Los Angeles, Calif. Info from Ellen Parker, C. S. Tepfer Publishing Co., 51 Sugar Hollow Rd., Danbury, CT 06810.

18-19 November 1979

**SBE New York Regional Conference**, New York City. Info from Society of Broadcast Engineers, Dan Dorozinsky, P.O. Box 234, Bronx, NY 10463.

26-29 November 1979

**Acoustical Society of America**, meeting, Salt Lake City, Utah. Info from E. Paul Palmer, Dept. of Physics and Astronomy, Brigham Young University, Provo, UT 84602.

28-30 November 1979

**GCCA Technical Documentation III Conference and Workshop**, Hyatt Regency, New Orleans, La. Info from Graphic Communications Computer Association, 1730 N. Lynn St., Arlington, VA 22209.

1 December 1979

**SMPTE Chicago Section Midwinter Symposium**, Chicago. Info from Edward J. Blasko, Eastman Kodak Co., 1901 W. 22 St., Oak Brook, IL 60521. (See above).

## 1980 SMPTE Television Conference

*1 - 2 February 1980, Sheraton Centre, Toronto, Ontario*

General Arrangements Chairman, **Maurice L. French**, Canadian Broadcasting Corp., and his committee of Local Arrangements Chairmen, have announced a number of activities that will be going on during the 1980 Television Conference.

There will be a Ladies Program with a slightly different twist. Instead of one program each day, there will be small special interest groups arranged. These will include visits to art exhibits, a unique restaurant, and/or well-known shopping areas. Besides the planned activities for the Ladies, the hotel itself offers access to the new Eaton Shopping Area, through an underground exit. The new Eaton Shopping Area is completely enclosed and climate controlled.

On Thursday evening, a by invitation only, International

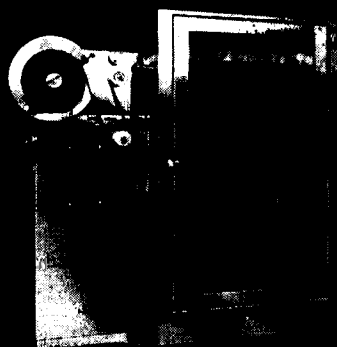
Reception is being planned. Friday noon will be the Get-Together Luncheon in the hotel, and Friday evening's reception will be held at the top of the CN Tower, which is the world's tallest free-standing structure.

A two-day program (Friday and Saturday) entitled "The Digital Decade" has been put together by Program Chairman **Ray J. Brulé**, 3M Canada, and his committee. An equipment exhibit will be held in conjunction with the papers sessions.

Registration information and hotel reservation forms will be sent out from Headquarters by early December. As with the national conference, rooms will be handled through Headquarters, and reservations must be accompanied by the conference registration fee.

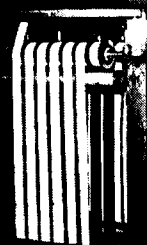
**The Advance Program and further information will be published in the January Journal.**

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Once optimum tensions are set there is no need for further adjustments, yet the design allows easy and rapid, dynamic adjustment of film tension while the machine is running.

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4-6 December 1979

Conference on Home Video Market, Andover, Mass. Info from Institute for Graphic Communication, Inc., 375 Commonwealth Ave., Boston, MA 62115.

4-7 January 1980

SPIE Los Angeles Technical Symposium and Instrument Display, N. Hollywood, Society of Photo-Optical Instrumentation Engineers, Box 10, Bellingham, WA 98225.

9-14 January 1980

NAVA Convention and Exhibit, Georgia World Congress Center, Atlanta, Ga. Info from NAVA Convention, 3150 Spring St., Fairfax, VA 22031.

1-2 February 1980

SMPTE Television Conference, Sheraton Center, Toronto, Canada. Info from SMPTE Headquarters.

3-6 February 1980

Helson Memorial Symposium on Chromatic Adaptation, Williamsburg, Va. Info from Dr. Fred W. Billmeyer, Jr., Rensselaer Polytechnic Institute, Troy, NY 12181. (See above.)

3-5 March 1980

Preservation and Restoration of Photographic Images, Rochester, N.Y. Info from Andrew V. Johnson, College of Graphic Arts & Photography, Rochester Institute of Technology, One Lomb Memorial Dr., Rochester, NY 14623.

9-14 March 1980

24th Audio-Visual Institute for Effective Communications, Indiana University, Bloomington, Ind. Info from NAVA Institute, Indiana University, Audio-Visual Center, Bloomington, IN 47401.

24-28 March 1980

Eurocon 80, Stuttgart, Germany. Info from Eurocon Chairman, Prof. Dr. W. E. Proebster, IBM Deutschland GmbH, Postfach 80 08 80, D-7000, Stuttgart 80, W. Germany. (See *Journal*, p. 520, July 1979.)

21-25 April 1980

Acoustical Society of America, meeting, Atlanta, Ga. Info from Acoustical Society of America, 335 E. 45 St., New York, NY 10017.

4-9 May 1980

SPSE 33rd Annual Conference, Minneapolis, Minn. Info from P. J. Forness, SPSE, Central P.O. Box 28327, Washington, DC 20005.

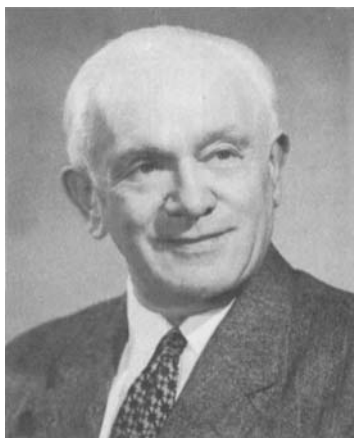
12-14 May 1980

World Communication: Decisions for the Eighties International Conference, University of Pennsylvania. Info from The Annenberg School of Communications, University of Pennsylvania, Philadelphia, PA 19104.

12-18 September 1980

Photokina, Cologne, W. Germany. Info from Messe- und Ausstellungs GmbH, Köln Postfach 21 07 60, D-5000, Cologne 21, W. Germany. (See *Journal*, p. 520, July 1979.)

## Obituary



John I. Crabtree

John Ickeringill Crabtree died 24 July at his home in Middlesex, N.Y., at the age of 88. A member of the SMPTE since 1921 and President for the 1930-31 term, in 1965 he was made an Honorary Member — the Society's highest accolade. Internationally known as an authority on photographic chemistry, his entire professional career, beginning in 1913, had been spent with Eastman Kodak Co. He retired as Assistant Head of the Applied Photography Division of Kodak Research Laboratories in 1957.

Crabtree was born 27 March 1891 at Clayton-le-Moors, Lancashire, England. He received his basic scientific training at Victoria University, Manchester, England, where he was granted a Bachelor of Science degree in chemistry in 1912 and a Master of Science degree in 1913. In August 1913 he was employed by Eastman Kodak Co., Rochester, N.Y., as a research chemist in the Kodak Research Laboratory where he worked closely with Dr. C. E. Kenneth Mees, Director of the Research Laboratory. During that same year Crabtree founded the Photographic Chemistry Department. He was the recipient of numerous awards for his work in photographic chemistry and was the co-author of two books and author of more than 160 papers of which more than 30 appeared in the *Journal*. He held 35 United States patents.

It is not generally known that it was largely due to his efforts, while an SMPTE officer, that the Society began in January 1930 to publish the monthly *Journal of the Society of Motion Picture Engineers*, the successor to the irregularly published *Transactions*, and the predecessor of the *SMPTE Journal*.

He served on the SMPTE Board of Editors, the Board of Governors, and on many committees. In 1944, with G. T. Eaton and L. E. Muehler, he received the Journal Award for the most outstanding paper published in the *Journal* during 1943, "Removal of Hypo and Silver Salts From Photographic Materials as Affected by the Composition of the Processing Solutions."

In 1952 he was the recipient of the SMPTE Progress Medal "for outstanding contributions in the field of photographic chemistry, motion-picture processing, and processing equipment."

Among other prestigious awards, he received (with M. L. Dundon) the Progress

Medal of the Société Française de Photographie for outstanding research work in photography and for publication on the causes of fog in developers. In 1944 the Royal Photographic Society presented him with the Henderson Award for his contributions to photographic processing. He received the first Journal Award of the Photographic Society of America and in 1956 was the recipient of the PSA Progress Medal.

For many years he was associated with the (then) American Standards Association, first as a member of Sectional Committee Z38 on Photography and later as Chairman of PH4 on Processing. Almost 90 American Standards in the photographic processing field were handled during his chairmanship.

Professional organizations of which he was a member, other than the SMPTE, included the Royal Photographic Society (London), the American Association for the Advancement of Science, the Society of Photographic Engineers, the Photographic Society of America, the American Chemical Society, the Optical Society of America, and the Academy of Motion Picture Arts and Sciences.

### Memorial Service

A Memorial Service for John Crabtree was held 1 August at the Vine Valley United Methodist Church in Middlesex, N.Y. Glenn Matthews, his friend for many years, was asked to deliver the Memorial Eulogy. Following are some excerpts from Glenn Matthews's Eulogy:

"It has been my good fortune to know John Crabtree for nearly sixty years, first as an associate in the Kodak Research Laboratories and later as a good friend. He was a stern taskmaster who demanded that we do our utmost to achieve the objectives of the laboratory. Those who worked for him agreed that he rarely praised them for jobs well done, but he would defend them strongly any time anyone else criticized them. He encouraged the younger members of his department and gave them useful suggestions for their improvement.

"Everyone who ever worked for Mr. Crabtree (or Jack as many knew him) soon realized the great expanse of his knowledge of photographic chemistry and photo processing. Soon after he joined the Research Laboratory in 1913 he was put in charge of a new department (then called Photographic Chemistry) by C. E. K. Mees, Director of Research. For the succeeding 43 years his research established him as one of the world's leading authorities in the fields of photographic chemistry and film processing.

"He acquired several pieces of property, the most noteworthy being his home on Canandaigua Lake in Vine Valley. With the capable help of his devoted wife, Ruth, he made this home into a residence of beauty.

"Mr. Crabtree liked to tinker with old cars, and I imagine he probably built and rebuilt his 1926 Chevy several times. His front-drive Cord was a familiar sight on the roads of the county in the early thirties.

"John Crabtree was a fine, considerate, intelligent man whose accomplishments will long be remembered."