



Speakers at the New York Section meeting in September: (l-r) Luke Freeman, Sony; Dave Bancroft, Philips; Sam Alexander, Cintel; Rich Torpey, MTI/The Image Group and organizer of the meeting.

be a production model based on the prototypes already developed for the Sony Pictures operation. Unique features of this telecine include an adjustable xenon light source, which provides a tailored light source similar to a lab printer, prior to the film gate, a frame-array CCD pickup, and a very unique method for sensing and stabilizing the film both mechanically (via an intermittent motion transport) and electronically (via a nifty capacitive sensing array and movable glass refraction plates).— Bill Topazio, (Secretary/Treasurer), Manhattan Transfer/Edit

Pasadena City College September 22, 1998

Gerald Finn and Josh Ochs, Past-Chair, presided over the first meeting of 1998-99, designed to inform attendees about the Society.

Photocopies of articles and section meetings from past *Journals*, notices of Hollywood Section meetings, and the Fall Conference brochure were all handed out to show the benefits of student membership. Several students indicated they would like to sign up for membership at the conference and others took along membership application forms. Passes for the exhibits were distributed to individuals that elected not to attend the lectures at the conference.

The three candidates running in the chapter's election were introduced and given an opportunity to speak before the attendees. Ballots were distributed, collected, and tallied. Following the count of the ballots, Ochs introduced the new Student Chairperson, Brian Klepeck.—Gerald Finn, (Faculty Adviser), Pasadena City College

Sacramento Section September 30, 1998

What a way to start the year! More than 50 people gathered at the NVision facilities in Nevada City, CA, for a discussion on high-speed silicon. Located in the heart of "Video Valley" are a number of companies leading the transition to digital.

Jim Mears, National Semiconductor, (formally Comlinear) spoke on the processes being used to manufacture ICs. Of note was a discussion of the tremendous costs associated with building new fabrication plants; the most recent installation in Maine was \$650 million. Mears touched on how other communications areas such as ATM, Gigabit Ethernet, and wireless radio can cross-pollinate the video field.

Gene Rice, Cypress Semiconductor, discussed the similarities of the European DVD effort and how it can relate to SMPTE transport: the same amplitudes, media, and data rates. Tom Palkert and Paul Duran, AMCC, then presented an analysis of jitter in digital video signals: the different kinds and where they arise. Their talk included detailed measurement strategies. Stimulating discussion centered around why the traditional "eye" pattern is lacking for good jitter analysis.

David Lynch, Gennum, presented a roadmap for the next dozen years with incredible predictions of 256-GByte circuits operating at 120 GHz; dies having features of .05 microns; packages having 5500 pins, and costs of 0.2 microcents per bit. A lively Q&A followed.—William Carlquist, (Secretary/Treasurer), Tektronix, Grass Valley Products

Calendar

SMPTE Activities

ORLANDO, FL—33rd SMPTE Advanced Motion Imaging Conference, Omni Rosen Hotel, February 25-27, 1999.

SYDNEY, AUSTRALIA—SMPTE '99, July 13-16, 1999.

NEW YORK, NY—141st SMPTE Technical Conference & Exhibit, November 19-22, 1999.

For more information on these and other SMPTE activities contact SMPTE Headquarters: (914) 761-1100, Fax: (914) 761-3115

June 1999

The 1999 Montreux Television Symposium and Technical Exhibition will be held on June 10-15, 1999 in Montreux, Switzerland. Info: Montreux International Television Symposium and Technical Exhibition, P.O. Box 1451, Rue du Theatre 5, CH-1820 Montreux, tel: +41 21 963 32 20, fax: +41 21 963 88 51, e-mail: message@symposia.ch, Internet: <http://www.montreux.ch/symposia>. June 10-15, 1999

Obituaries

Robert MacKay Fraser

SMPTE has received notice of the death on July 26, 1998, of Robert MacKay Fraser at the age of 86. Fraser was a Life Fellow of the Society.

He began his career at NBC in 1937 as a development and project engineer and became involved in kinescope recording and other applications of photography to television. From 1958 to 1970, he was employed by Itek, where he designed cathode ray tube displays for hard copy production from computer processed data.

In addition to SMPTE, Fraser was a member of the Society of Photographic Engineers and Scientists.

Fred Porrett

Fred Porrett, a Life Member, has died at age 87. Porrett was a retired cinematographer and had been a member of SMPTE since 1950.