news and reports

Papers for The Society's 100th Technical Conference Program

The consummation of SMPTE's 50 years of leadership, achievement and service will be realized this fall with the 100th SMPTE Technical Conference and Equipment Exhibit.

The 100th Conference — an event marking the Society's Golden Anniversary — is set for the Ambassador Hotel in Los Angeles, October 2–7.

The historic hundredth promises to be a conference unlike those of the past. **Dr. L. M. Dearing,** L. M. Dearing Associates, Program Chairman, and his brain-storming committee, are planning a conference of a magnitude corresponding to the significance of SMPTE's 50th Anniversary.

They have promised a balanced conference, stressing the Society, its role in the industry, and the industry itself. A rich potpourri of nostalgic and retrospective papers is planned, although no one session will rely on historic papers alone. The intention is to begin every session — no matter what its subject — with a past Academy Award short. Then, the opening paper of each session may be an historical paper related to the session subject.

Themes for the papers sessions could involve such areas as the state of the art after 50 years of progress; allied sciences; and the various SMPTE divisions. Chairman Dearing has also been thinking about a possible peek into the future: the next five years, or maybe even the next 50. Included in this project could be research goals and dreams of the industry, with the facts and some of the fantasy to support the ambitions of the industry. The close of every papers session should be a paper with a futuristic outlook.

Announcement of session topics and topic chairmen will be made in the June *Journal*. However, according to Program Chairman Dearing, topic subjects will probably be in the following areas: *Photographic and Allied Sciences; Education; Laboratory; Studio Practices; Photo Sensitive Materials for Motion Pictures and Television; Sound; Television; Theater Presentation and Projection — Screens; Instrumentation and High-Speed Photography; Aerospace Cinematography;* and *Aerospace Processing and Printing.*

Topic Chairman **John H. Waddell,** working under the general correspondence heading of Photooptical Instrumentation, had by early this month a six-page listing of authors and paper titles of positive interest for the program. The prospects are that this topic will comprise four or more sessions, some of which will be concurrent with other topic sessions.

Requirements and Deadlines

For the 100th Conference, a new papers policy is in effect. Three copies of a 500- to 750-word synopsis or summary of the paper (up to two pages of double-spaced typewriting) giving the paper's objective and an outline of content, should be sent to SMPTE Headquarters, *Att: 100th Conference Program.* Summaries should be received at headquarters before June 20, 1966, along with three copies of the author form and three copies of the author information sheet. The summaries will be used to prepare a 50- to 75-word abstract for the Advance Program in the Conference issue of the *Journal:* September.

Before July 18, 1966, the original and three copies of the manuscript should be sent to SMPTE Headquarters, *Att: 100th Conference Program.* Manuscripts will be reviewed as prospects for preprinting.

For information on the Conference Program, inquiries should be addressed to **Dr. LeRoy M. Dearing,** 100th SMPTE Technical Conference Program Chairman, L. M. Dearing Associates, Inc., Suite R, 12345 Ventura Blvd., Studio City, Calif. 91604, or to Society Headquarters, *Att: 100th Conference Program.*

Academy Awards

Harold Plumadore, left, and Arthur J. Hatch, The Strong Electric Corp., with the Academy Award winning projection arc.

Stefan Kudelski, designer of the Nagra system.

Arthur J. Hatch and **Stefan Kudelski** were presented with Class II Plaques at the 38th Annual Academy Awards ceremonies held in April 1966. There were no other awards made this year in the Scientific-Technical categories.

Mr. Hatch, who is President of Strong Electric Corp., was honored for the design and development of the air-blown carbon-arc projection lamp. According to the citation, "A high degree of engineering achievement is demonstrated in the development of this lamp, which is a refinement of the blown-arc technique originated by Dr. Edgar Gretener in Switzerland and which utilizes automatic crater positioning with a novel optical system and auxiliary mirror."

Mr. Kudelski was honored for design and development of the Nagra portable ¼-in. Tape Recorder. He is a Swiss precision machinist and a transistor electronics engineer "of great understanding," the announcement stated. Mr. Kudelski developed the first Nagra tape recorder in 1950 and in 1953 he developed an improved model called Nagra II. He then studied several systems for synchronizing the camera with the tape recorder, finally arriving at a method whereby the camera generates a signal which is recorded on the same tape as the sound. The Nagra III resulted from Mr. Kudelski's studies on the possibility of a self-contained tape recorder without a centrifugal speed governor. At present he is developing smaller and lighter versions of the Nagra.