

**JOURNAL**  
*of the*  
**SOCIETY OF MOTION  
PICTURE ENGINEERS**



---

**IN THIS ISSUE**

**EDUCATIONAL AND TRAINING FILMS**

**CARBON-ARC CHARACTERISTICS**

**SCREEN LIGHT VERSUS ARC-CRATER BRIGHTNESS**

**MOTION PICTURES IN MEDICAL RESEARCH**

**ABSORPTION AND IMPEDANCE  
OF ACOUSTICAL MATERIALS**

**REPORT OF STUDIO LIGHTING COMMITTEE**



**62nd SEMIANNUAL CONVENTION**

**October 20-24, 1947**

**New York, N. Y.**

---

**SEPTEMBER, 1947**