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(specifically to those actively working in the field, foreign representatives, and other interested scientists), the Conference is being sponsored jointly by OOR and the Office of Naval Research.

The program committee comprises David Fox (New York State College on Long Island), H. Kallmann (New York University), Jan Kommandeur (National Carbon Research Laboratories), Donald McClure (RCA Laboratories), W. Schneider (National Research Council, Canada), Marvin Silver (Office of Ordnance Research), and H. Sponer (Duke University).

Individuals who desire to receive invitations, as well as those wishing to contribute papers, should communicate with Dr. Silver at the Office of Ordnance Research, Box CM, Duke Station, Durham, N. C. Probable titles of contributed papers should be submitted on or before November 1, 1959, to permit preparation of a tentative program. The deadline for papers will be February 1, 1960.

### Combustion

FUNDAMENTAL combustion problems in propulsion systems will be reviewed at the Eighth International Symposium on Combustion, which is to be held from August 29 to September 2, 1960, at the California Institute of Technology in Pasadena. It will be the third of the symposia organized under the auspices of The Combustion Institute, whose Western States Section will serve as host for next year's meeting.

In addition to a limited number of invited addresses, papers are being sought which contain new basic data or advances in theoretical concepts, as well as those dealing with new applications of fundamental knowledge to engineering problems. The following subject areas are listed in the agenda: 1. *kinetics* (including elementary chemical reaction steps, relaxation processes and chemical reaction rates in flames and behind shock and detonation fronts, condensation rates of solid and liquid particles, and effective, rate-controlling, reaction rates in practical propulsion systems); 2. *combustion of solids* (including chemical reactions in solids, boundary-layer phenomena involving chemical changes, detonations in solids, and unstable combustion in solid fuel rockets); 3. *combustion of sprays* (including burning and decomposition mechanism of liquid monopropellants, combustion processes in liquid fuel engines, and detonations in gas-liquid mixtures); 4. *ionized gases* (including collision cross sections for elementary processes involving ions and electrons and ions and electrons in flames, detonation waves, and behind shock fronts); and 5. *radiant heat transfer* (including laminar and turbulent flames, antiknock action of metals, and high-temperature thermodynamics).

Those wishing to submit papers should communicate at the earliest possible date with Dr. S. S. Penner, California Institute of Technology, Pasadena, Calif., from whom information regarding the program and local arrangements may be obtained. December 1, January 1, and February 1 are the deadlines, respectively, for titles, abstracts, and complete papers.