

## CALL FOR PAPERS

### *XIVth International Astronautical Congress*

PARIS, FRANCE • SEPTEMBER 22-27, 1963

All persons desiring to present a paper must submit a 500-word summary thereof **in duplicate** before **April 15, 1963** to the Chairman of the Technical Committee responsible for the subject area into which the paper falls. The summary should give enough detailed information to permit a fruitful selection of the papers to be presented. The Technical Committees and their respective Chairmen are as follows:

#### 1963 COMMITTEE CHAIRMEN

- I Astrodynamics and Celestial Mechanics:** Prof. G. N. Duboshin, State Astronomical Institute, Moscow, U.S.S.R.
- II Propulsion:** Ingénieur Jean-Edgar Picquendar, Chef du Laboratoire de Recherches Générales, Cie Thomson-Houston, 1 rue des Mathurins, Bagneux (S.), France, in consultation with Ingénieur Militaire en Chef Jean Corbeau.
- III Guidance and Control:** Henri Vigneron, Manufacture Belge de Lampes et de Matériels Electroniques, 80 rue des Deux-Gares, Bruxelles, Belgique.
- IV Space Vehicles:** Dr. Jean Vandenkerckhove, COPERs, 36 rue La Pérouse, Paris, 16<sup>e</sup>, France, with the assistance of Dr. A. W. Lines.
- V Communication Satellites:** Chief Engineer Sidney Sternberg, Astro-Electronics Division, Radio Corporation of America, Princeton, New Jersey, U.S.A.
- VI Meteorological Satellites:** Prof. S. Fred Singer, U. S. Weather Bureau, Washington, D. C., U.S.A.
- VII Bioastronautics:** Dr. Eugene B. Konecni, Director, Section of Biological Technology, NASA Headquarters, Washington 25, D. C., U.S.A.

#### SUBJECT

Motion of space vehicles outside the atmosphere. (One or two of these papers, if very significant, may be related to re-entry problems.)

Electric, electromagnetic, electrostatic, or electrothermic propulsion of space vehicles. (One or two of these papers, if very significant, may be related to other means of propulsion.)

Theoretical and practical consideration of techniques and systems for guidance and attitude-control of space vehicles.

Design, production, equipment, and instrumentation of space vehicles.

Instrumentation and operation of telecommunication satellites. Transmission and reception from the ground.

Special instrumentation of satellites for meteorological observations and the results obtained to date from such observations.

Man in the space vehicle, his capacity for control and observation.

The eligibility of a manuscript does not depend on whether the author is a member of one of the technical societies participating in the International Astronautical Federation. An author from any country may submit a paper to any of the Technical Chairmen, regardless of the nationality of the Chairman. Papers will be evaluated by the Technical Chairmen with the aid of reviewers, and their decisions on acceptance will be final.

Aside from the individual papers in each field, a person chosen by the chairman of the technical committee will present a general survey of recent progress in that field.

During the Congress one or two sessions will be devoted to Teaching in Astronautics. Furthermore, one day of special sessions for a "Review of Recently Acquired Knowledge of the Space Environment" will be organized jointly by the International Academy of Astronautics and the International Astronautical Federation with the scientific collaboration of COSPAR.

Details of the final program will be announced at a later date.

The 1963 members of the International Program Committee designated at the last Congress are: *Chairman:* E. A. Brun (France); *Secretary:* M. Lunc (Poland); *Members:* R. Chevalier (France), L. I. Sedov (U.S.S.R.), L. R. Shepherd (England), M. Summerfield (U.S.A.); *Advisers:* Th. von Kármán (U.S.A.), F. J. Malina (U.S.A.), W. H. Pickering (U.S.A.).