AIAA AEROSPACE SCIENCES MEETING

HOTEL ASTOR JANUARY 20–22, 1964 NEW YORK CITY

As announced in the May issue of AIAA Journal (p. 1145), the AIAA has instituted a major new Aerospace Sciences Meeting, which will be held in New York City on January 20 to 22, 1964. In the previous call for papers it was pointed out that the papers of the meeting will be devoted to problems of research and not of design. It was also noted that, in addition to specific research reports, survey papers on research topics which are considered timely and of broad enough scope are solicited.

The topics and areas in which contributions are invited are listed below. Also listed are the chairmen of each session which is anticipated and the sponsoring AIAA Technical Committee. **All contributions should be sent directly to the session chairman appropriate** to the subject of the paper. In those cases where two or more sessions are anticipated on a single topic or area, the abstracts should be sent only to the chairman designated by an asterisk following his name.

The abstracts of papers should be two or three pages in length and submitted in duplicate. They must be received by the appropriate chairman no later than October 14, 1963. Papers will be preprinted, and the deadline for the receipt of manuscripts will be December 5, 1963. Acceptance for presentation is contingent on receipt of the completed manuscript for preprinting at the time specified.

The Steering Committee carrying out the arrangements for the meeting consists of: D. Bershader, A. Ferri, S. S. Penner, W. R. Sears, R. F. Probstein (Chairman).

Any inquiries may be addressed to the Chairman of the Steering Committee in care of the Department of Mechanical Engineering, Massachusetts Institute of Technology, Cambridge 39, Massachusetts, or to Mr. Paul J. Burr, AIAA, 500 Fifth Avenue, New York 36, New York.

SPONSORING TECHNICAL COMMITTEE	SESSION CHAIRMAN	TOPIC
Atmospheric Environment and Space and Atmospheric Physics	Dr. Jean I. F. King Geophysics Corp. of America Bedford, Mass.	Space Environment (review papers on upper atmospheric and space environment)
Space and Atmospheric Physics	Dr. Alan Rosen Space Physics Dept. Space Technology Labs., Inc. One Space Park Redondo Beach, Calif.	Scientific Instrumentation in Spacecraft (measuring devices and problems involved in installation and use, emphasizing interactions with environment)
Space and Atmospheric Physics	Prof. Alex Greene Dept. of Physics University of Florida Gainesville, Fla.	Fundamental Questions on Space Science (invited papers only)
Plasmadynamics and Space and Atmospheric Physics	Dr. John C. Noyes Boeing Research Lab. Boeing Aircraft Corp. Seattle, Wash.	Magnetoplasmadynamics in the Solar System
Plasmadynamics	Dr. Wulf Kunkel Lawrence Radiation Lab. University of California Berkeley, Calif.	Kinetic Processes in Thermal Plasmas
Electric Propulsion	Prof. J. Kerrebrock Dept. of Aeronautics and Astronautics M.I.T. Cambridge 39, Mass.	Arc and Magnetohydrodynamic Phenomena
Electric Propulsion	Dr. Sam V. Nablo Ion Physics, Inc. Burlington, Mass.	Ionization Phenomena and Colloids
Propellants and Combustion	Dr. S. S. Penner Institute for Defense Analysis 1666 Connecticut Avenue, N.W. Washington 9, D.C.	Flows with Radiative Transfer
Propellants and Combustion	Dr. F. A. Williams Institute of Defense Analysis 1666 Connecticut Avenue, N.W. Washington 9, D.C.	Chemical Processes in Turbulent Flow
Air Breathing Propulsion and Propellants and Combustion	Prof. Antonio Ferri* Aerodynamics Laboratory Polytechnic Institute of Brooklyn 527 Atlantic Avenue Freeport, L. I., N. Y. and Prof. Edward Zukoski California Institute of Technology Pasadena, Calif.	Fluid Dynamics with Chemical Reactions Related to Propulsion (examples are supersonic combustion and mixing, diffusion flames, etc.)
Fluid Dynamics	Prof. William R. Sears* Dept. of Aerospace Eng. Cornell University Ithaca, N. Y. and Prof. Nicholas Rott Univ. of Calif. at Los Angeles Los Angeles, Calif., and Prof. Francis Clauser The Johns Hopkins University Baltimore, Md.	Fluid Dynamic Problems Related to Aeronautics and Astronautics
Atmospheric Flight Mechanics and Astrodynamics	Mr. C. J. Donlan NASA Langley Research Center Langley Station, Hampton, Va.	Atmospheric Related Flight Mechanics (emphasis on aerodynamic aspects of powered flight performance, re-entry, etc.)
Astrodynamics and Atmospheric Flight Mechanics	Dr. Joseph Siry NASA Goddard Space Flight Center Greenbelt, Md.	Nonatmospheric Related Astrodynamics
Structural Dynamics	Prof. Holt Ashley* Dept. of Aeronautics and Astronautics M.I.T. Cambridge 39, Mass. and Prof. Bernard Budiansky Harvard University Cambridge 38, Mass. and Dr. John C. Houbolt Aeronautical Research Associates of Princeton, Inc. Princeton, N.J.	Solid Mechanics Problems Related to Aeronautics and Astronautics and Structural Dynamics, Aeroelasticity, Structures, Materials, and Related Topics