

## CALLS FOR PAPERS

### MIT/AIAA/IEEE/ASME ENGINEERING ASPECTS OF MAGNETOHYDRODYNAMICS

APRIL 1-2, 1964

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

CAMBRIDGE, MASS.

The primary purpose of this symposium is to exchange information among workers in the field. To permit effective discussion, the number of papers will be limited, and there will be no parallel sessions. Authors will concentrate on the new and novel aspects of their contribution.

Areas of interest to this meeting include (but are not limited to) the following:

- Magnetohydrodynamic Power Generation**
- Magnetohydrodynamic Propulsion**
- Controlled Thermonuclear Plasmas**
- Flight Magneto-Aerodynamics**
- Magnetofluid Mechanics**
- Properties of Plasmas**
- Plasma Diagnostics**
- Electro-Magnetic Wave Interactions with Magneto Plasmas**
- Plasma Oscillations**
- Plasma Boundary Problems**
- Energy Storage and Conversion for Magnetohydrodynamic Purposes**
- Magnetohydrodynamic Applications of Superconductors**
- Experimental and Engineering Components and Materials for Magnetohydrodynamics**

Authors may submit their papers for either 10- or 20-minute presentations. Twenty-minute papers should consist of reports of completed work. Selection of the papers for presentation in this category will be based either on the paper or on an 800-word abstract due **December 9, 1963**. The Committee strongly recommends that authors of 20-minute papers submit reproducible copies of their paper by **February 10, 1964**, for preprinting.

Ten-minute papers may consist of brief reports on research that is currently in progress. The selection of the papers for presentation in this category will also be based on an 800-word abstract due **January 6, 1964**. These abstracts must contain a description of the principal results of the investigations. They will be preprinted and distributed together with the written 20-minute papers. All 800-word abstracts must be single spaced on  $8\frac{1}{2} \times 11$ -in. bond paper, in suitable form for photo-offset reproduction.

It is anticipated that there will be no other publication besides preprints by the Symposium, and that authors may submit their papers to journals for publication.

Abstracts should be mailed to:

**Dr. Jack L. Kerrebrock, Program Chairman, 33-115  
Department of Aeronautics and Astronautics  
Massachusetts Institute of Technology  
Cambridge 39, Mass.**

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## 16th ANNUAL NATIONAL AEROSPACE ELECTRONICS CONFERENCE

MAY 11-13, 1964

DAYTON, OHIO

The 16th Annual National Aerospace Electronics Conference sponsored by PTGANE and the Dayton Section of IEEE with the participation of AIAA will be held May 11-13, 1964, at Dayton, Ohio.

Papers covering original technical work or of a tutorial quality on the subjects of devices, techniques, equipments, and systems of aeronautical and aerospace electronics, as well as their application and management problems, are now solicited. The selected papers also will be published in the NAECON Proceedings, which is made available at the time of the conference. Once again a sizable monetary award will be given for the best presentation.

Prospective authors must submit three copies of both a 250-300 word abstract of their paper and a short biographical sketch. The deadline for the abstract and sketch is **December 16, 1963**, and the author will be advised by January 17, 1964, of acceptance or rejection. This material should be sent to:

**NAECON Papers Chairman  
Yale Jacobs  
1917 Burbank Drive  
Dayton, Ohio 45406**