PROGRAM

AND

REGISTRATION INFORMATION

IEEE INTERNATIONAL CONFERENCE

ON

CYBERNETICS AND SOCIETY

November 1-3, 1976
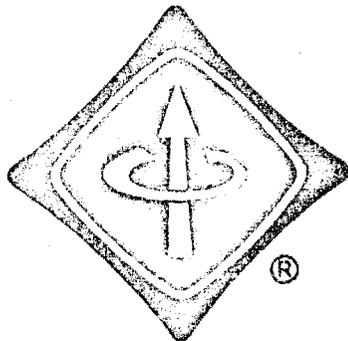
Sponsored by:

IEEE Systems, Man and Cybernetics Society
and the
IEEE Washington Section

With the cooperation of:

American Medical Association--Computers in Medicine
College of American Pathologists
Human Factors Society
IEEE Control Systems Society
IEEE Engineering in Medicine and Biology Society
Instrument Society of America
Operations Research Society of America

Mayflower Hotel, Washington, D.C.

LUNCHEON AND SO FORTH

November 1:
12 noon   Ball Room—Cash Bar
12:30   Ball Room—AWARDS LUNCHEON

Franklyn V. Taylor Award

The *Franklyn V. Taylor Memorial Award* for the Best Presentation at the 1975 Conference will be presented to Charles A. Rosen, Stanford Research Institute, for his paper, "Computation Requirements for A.I.—Based Manipulation Systems."

SMC Outstanding Contribution Award

The Systems, Man and Cybernetics Society's *Outstanding Contribution Award* will be presented to H. Earle Vaughn, Bell Telephone Laboratories, for his system engineering contributions to the introduction of digital switching technology to the nationwide telecommunications network. As Mr. Vaughn will be out of the country, L. S. Tuomenoksa will be present to receive the award for Mr. Vaughn and will make a short presentation describing Vaughn's contributions to the development of the Bell ESS#4 electronic switch, a truly awesome achievement which is now going into service.

"A Scientific Look at ESP" —Puthoff and Targ (SRI)

Harold Puthoff and Russell Targ both of Stanford Research Institute will make a presentation entitled, "A Scientific Look at ESP," based on their paper, "A Perceptual Channel for Information Transfer over Kilometer Distances: Historical Perspective and Recent Research," which appeared in the March 1976 issue of the *IEEE Proceedings.* Bob Lucky, Editor of the *Proceedings,* introduced the Puthoff-Targ paper by stating:

> In a series of experiments carried out at Stanford Research Institute, both experienced subjects and inexperienced volunteers were able to describe scenes being viewed at unknown remote locations by other members of the experimental team—sometimes with great accuracy, and always under carefully designed experimental protocol. ... We realize that many of our readers will think this an ill-considered decision (to publish this paper), as did one of the engineers we consulted who said, "This is the kind of thing that I would not believe in even if it existed." ... We believe that the authors have been careful and sincere in the design and reporting of this experiment. Their work deserves scientific consideration and objective criticism... In any event, the paper itself may be the most readable ever published in this journal, and few readers will finish without wondering for at least a moment if indeed ESP might be possible after all...

5:00 pm: East Room—Cash Bar

Chord Foundation Presentation

The Chord Foundation of Washington, D.C. will make a special presentation to the SMC Society to which all participants are invited.

November 2:
12 noon   Ball Room—PRESIDENT'S LUNCHEON

Guest Speaker: Henry J. Heimlich, MD.

The guest speaker will be Henry J. Heimlich, MD, whose topic will be, "The Machine as Humanitarian." Dr. Heimlich is known for the *Heimlich Maneuver* which has saved lives of hundreds of choking victims. A thoracic surgeon for the past 20 years he has developed systems to be used at surgery to assist surgical patients.