

SYMPOSIUM ON THE RESPIRATORY SYSTEM: ANALYSES OF FUNCTION AND APPLICATIONS

The special Symposium on the Respiratory System will be held in conjunction with the 34th Annual Conference on Engineering in Medicine and Biology on September 21-23, 1981 at the Shamrock Hilton Hotel, Houston, Texas.

This two and one-half day symposium provides an opportunity for the discussion of a wide variety of pertinent respiratory-related topics by a number of invited experts. Additional papers, to be contributed by others actively engaged in respiratory research, are also solicited. The general objective of the invited papers is to present a critical perspective of current research areas for engineers as well as medical scientists. This perspective will summarize the evolution of theory and experimental techniques, describe our present state of knowledge, pose the questions which are currently important, and point out approaches which may or may not be worthwhile in answering them. Since the invited speakers have research experience from industry, government, medical centers, and universities, a broad spectrum of viewpoints will be presented. For additional information please contact:

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HUMAN FACTORS ASSOCIATION OF CANADA

The Human Factors Association of Canada will hold its 14th Annual Meeting in Toronto on the 1st and 2nd of October, 1981. The theme will be: Man-Machine Systems. Human Factors is concerned with the application of life-science knowledge or techniques for the benefit of human well-being or performance in any setting. Topics could include: systems design, man/machine interface problems, environmental effects, manual materials handling, male/female differences, problems of the disabled, training, job satisfaction, etc.

A student paper competition will be held for the Julien M. Christensen Award. (Cash value \$100.00). A workshop series is planned to outline topical issues for people working in occupational settings. Suggestions for topics from potential contributors are welcomed.

Full papers will be printed in the conference proceedings and must be submitted to the conference secretary by 31 July 1981.

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ANNOUNCING AN International Satellite Symposium to the

**Fall Meeting of the American Physiological Society
on**

**COMPARATIVE PHYSIOLOGY OF RESPIRATION
with emphasis on**

avian respiratory control

October 11 and 12, 1981

to be held at

OHIO STATE UNIVERSITY

Original papers on this subject are invited.

Publication of the papers is planned.

Limited funds will be available to assist participants traveling long distances, who would otherwise be unable to attend.

**PLEASE USE THE 1981 FALL APS ABSTRACT FORM
AND MAIL TO THE**

**ADDRESS BELOW. DEADLINE FOR RECEIPT OF
ABSTRACTS IS JUNE 19, 1981.**

FOR FURTHER INFORMATION PLEASE CONTACT:

EVOKED POTENTIALS SYMPOSIUM

The New York Academy of Sciences will sponsor an evoked potentials symposium on June 16-19, 1981 at the Barbizon-Plaza Hotel in New York City.

This is a multidisciplinary symposium lasting four days concerned with brain wave studies called evoked potentials, which are used in the exploration of the physiology of the human nervous system and as diagnostic tools in various branches of clinical neurology. A distinguished panel of eminent scientists from all over the world engaged either from basic or from clinical viewpoints of studying evoked potentials will give state-of-the-art lectures. Sessions will be devoted to systems analytical methods of data analysis, cranial surface identification, and the relationship of neuronal structures to evoked potentials. In addition, there will be clinical sessions. One day will be devoted to the roundtable sessions where invited experts will focus their discussion on specific "hot" issues of the field.

Dr. Ivan Bodis-Wollner, M.D., Dept. of Neurology, Mt. Sinai Sch. Med., One Gustave Levy Place, New York, N.Y., 10029 will be Chairman of the Symposium.

For further information contact: Conference Department, The New York Academy of Sciences, 2 East 63rd St., New York, N.Y. 10021. (212)838-0230.