

ANNOUNCEMENT OF AN IAEA SYMPOSIUM

Title : **Nuclear Activation Techniques
in the Life Sciences**

Date : *April 10-14, 1972*

Location : *Ljubljana, Yugoslavia*

Organizers : *International Atomic Energy Agency
Kärntnerring 11-13, A-1011 Vienna, Austria*

Scientific Secretaries : *Dr. G. B. Cook and Dr. R. M. Parr.*

The Symposium will be concerned with the applications of nuclear activation techniques in the life sciences and the significance of the results obtained in such applications. It will therefore be concerned both with the techniques themselves and with the interpretation of the data which they yield. A symposium of the same title was held in Amsterdam, Netherlands, in 1967 and this, the second of the series, is intended to cover the advances made in the five year interval.

As regards techniques, topics to be discussed include sample preparation procedures, activation procedures and data processing systems, chemical separation procedures particularly in multicomponent systems, and biological analytical reference materials. As regards interpretation of data, results obtained in studies in both cellular and subcellular systems in plants and animals will be discussed. Contributions relating to agriculture, biochemistry, ecology, nutritional studies, pharmaceuticals and pharmacology, as well as applications in medical diagnosis, research and therapy, will be included. Contributions relating to human ecology will deal especially with problems of public health, environmental pollution and food additives and contamination.

Further information and forms to accompany abstracts of papers intended for presentation at the Symposium may be obtained from national authorities for atomic energy matters.