

NOTICES

GEOCHEMICAL EXPLORATION SYMPOSIUM

An International Geochemical Exploration Symposium will be held at the King Edward Hotel, Toronto, Ontario, Canada, on **April 16, 17, and 18, 1970** under the sponsorship of the Canadian Institute of Mining and Metallurgy and the Society of Economic Geologists. The program will include papers on all aspects of geochemical work as it affects exploration for minerals, petroleum, and natural gases. Special emphasis will be placed on new techniques and on methods for discovering deeply buried deposits.

Abstracts of papers for presentation at the Symposium should be forwarded before January 1st, 1970 to: Dr. R. W. Boyle, Geological Survey of Canada, 601 Booth Street, Ottawa, Ontario, Canada.

UNITED NATIONS SYMPOSIUM ON THE DEVELOPMENT AND UTILIZATION OF GEOTHERMAL RESOURCES

The Symposium is being organized at Pisa, Italy, **22 September-1 October 1970**, by the United Nations and the Government of Italy to facilitate the exchange of information in this field.

The technical sessions of the Symposium will be concerned with the whole range of geothermal energy exploration and exploitation including its scientific engineering and economic aspects. Papers submitted to the Symposium will be grouped by subject and for each a rapporteur will review the papers and prepare a summary which will be presented orally to the participants. A general discussion of the subject matter will then follow.

The following sections are proposed: *Geothermal Systems, The Status of World Geothermal Development, Geologic Targets in Geothermal Exploration, Geophysical Techniques in Geothermal Exploration, Geochemical Techniques in Geothermal Exploration, Geothermal Drilling Technology, Reservoir Physics and Production Management, Collection and Transmission of Geothermal Fluids, Utilization of Steam and High Enthalpy Water, Utilization of Low Enthalpy Water, Economics of Geothermal Power.*

An excursion to the geothermal field at Lardarello will be arranged for participants during the course of the Symposium.

Abstracts of papers prepared for the Symposium should be sent to the United Nations before August 1, 1969. Abstracts (plus two copies) should be written in English or in French, not more than 300 words in length. Papers prepared for the Symposium should be sent to the United Nations before November 1, 1969.

The papers will be sent to the rapporteurs who will use them to prepare their contributions. In order that an adequate time shall be available before the Symposium for the pre-printing of papers and for the preparation and printing of rapporteurs' contributions, papers submitted after November 1, 1969 may not be accepted. Address: Mr. Geoffrey R. Robson, Technical Secretary, United Nations Geothermal Symposium, United Nations, New York, N. Y. 10017, U.S.A.

SECOND INTERNATIONAL CONFERENCE ON MOLECULAR SIEVE ZEOLITES

The Second International Conference on Molecular Sieve Zeolites will be held at Worcester Polytechnic Institute, Worcester, Massachusetts, September 8-11, 1970. The sessions will include invited and submitted papers on the following topics: structure; mineralogy; synthesis; adsorption; catalysis; modifications and general properties including ion exchange. The conference is co-sponsored by the American Chemical Society

Division of Colloid and Surface Chemistry and Division of Petroleum Chemistry, and Worcester Polytechnic Institute. Co-Chairmen for the Conference are Dr. L. B. Sand and Miss Edith M. Flanigen.

Abstracts (200 words) of papers for consideration should be submitted to Miss Edith M. Flanigen, Union Carbide Corporation, Linde Division, P. O. Box 44, Tonawanda, New York 14150 before August 15, 1969. Complete manuscripts will be required by January 1, 1970. For registration information contact Dr. L. B. Sand, Department of Chemical Engineering, Worcester Polytechnic Institute, Worcester, Massachusetts 01609. Registration will be limited to 500 participants.

INTERNATIONAL ASSOCIATION OF PLANETOLOGY

The Council of the International Union of Geological Sciences voted unanimously on August 23 and November 8, 1968, to adopt the International Association of Planetology (IAP).

The goals of the IAP are to further the comparative geological studies of the planets and their moons, to quantify the differences among them, to determine the processes of planetary development, and to promote international cooperation among planetologists.

The IAP will publish a special series, *Problems of Planetology*, the first volume of which was published in 1968, edited by K. Beneš.

Officers and their committees are: *Honorary President*, Dr. G. N. Katterfeld, USSR, (Committee of General Planetology); *President*, Dr. Jack Green, USA (Committee of Selenology); *General Secretary*, Dr. N. Šťovíčková, Czechoslovakia (Committee of Planetary Geology); *Treasurer*, Dr. G. H. F. McCall, Australia (Committee on Extraplanetary Effects on Planetary Phenomena); *Vice Presidents*, Prof. Sh. Miyamoto, Japan (Committee on Areology); Dr. H. Tazieff, France (Committee on Planetary Volcanism); Prof. K. von Bulow, German Democratic Republic (Committee on Planetary Mineralogy and Petrology); Prof. K. Rankama, Finland (Committee on Planetary Chemistry); Dr. P. Hédervári, Hungary (Subcommittee on Planetary Physics), and Prof. K. Beneš, Czechoslovakia, (Subcommittee on Planetological Terminology).

The International Association of Planetology will accept as members all geologists and astronomers and/or scientific institutions interested in the above mentioned areas of activity and performing scientific studies in this realm. Members may join individually or through membership in national scientific institutes and organizations which are collective members of the IAP. For acceptance as an individual member, three recommendations are required from the members of the IAP Council.

Inquiries concerning the organization should be addressed to the Secretary of the Association, Dr. Nadezhda V. Šťovíčková, Institute of Applied Geophysics, Podbelohorska 47, Praha 5-Smichov, Czechoslovakia.