

NOTICES

INTERNATIONAL MINERALOGICAL ASSOCIATION-INTERNATIONAL ASSOCIATION ON THE GENESIS OF ORE DEPOSITS

At the invitation of the Science Council of Japan, the Seventh General Meeting of the International Mineralogical Association (IMA) and the Tokyo-Kyoto Meeting of the International Association on the Genesis of Ore Deposits (IAGOD) will be held concurrently in the Keidanren Kaikan in Tokyo on **28 and 29 August** and in the Kyoto International Congress Hall in Kyoto from **31 August to 2 September, 1970**.

The meetings will include symposia on *Mechanism of Growth and Phase Transactions of Minerals*, *Ore Deposits as Related to Geologic Structure and Tectonics*, *Stratabound Sulfide Ore Deposits*, and *Geochemistry and Crystallography of Sulfide Minerals in Hydrothermal Deposits*, as well as *Open Sessions*. Abstracts of papers for the Symposia and the Open Sessions should be submitted to the Program Committee not later than 31 December 1969. Detailed information will be offered in the Second Circular.

Sixteen excursions of about four days each are now being planned for both before and after the meetings. They will visit areas of interest in mineralogy and ore deposits throughout Japan.

Requests for copies of Circular No. 1 and the application form, as well as all other inquiries, should be directed to Professor R. Sunagawa, Secretary, Organizing Committee, IMA-IAGOD Meetings '70, Geological Survey of Japan, 8 Kawada-cho, Shinjuku-ku, Tokyo 162, Japan.

DENVER X-RAY CONFERENCE APPLICATIONS OF X-RAY ANALYSIS

The 18th annual Denver Conference on Applications of X-Ray Analysis will be held **August 6, 7, 8, 1969** at the Albany Hotel in Denver, Colorado. A panel of invited speakers will present review papers on various aspects of very long wave-length X-ray analysis. Subjects to be included in this panel discussion will be: chemical bonding and valence states, light element fluorescence analysis, absorption and emission of long wavelength X-rays, X-ray astronomy, plasma spectrum analysis, detection and spectroscopic methods at long wavelengths. Contributed papers in these areas are especially welcome. The proceedings of the 1969 conference will appear as a hard cover volume entitled "Advances in X-Ray Analysis, Vol. 13."

PUBLICATION: DIFFUSION DATA

Published quarterly, DIFFUSION DATA summarizes, with a delay of only a few weeks or months, all new reference data on diffusional transport in inorganic solids (solid at NTP) and their melts. The information is presented in seven sections: Transport in (1) solid metals and alloys, (2) liquid metals and alloys, (3) intermetallic compounds, (4) simple and complex oxides, their mixture and solutions, (5) halides, (6) nonmetallic elements and all other inorganic solids and their melts not covered in the foregoing sections, and (7) review of old and complete coverage of all new experimental techniques or variations of existing techniques relevant to the determination of transport data. Detailed subject and formula indexes ensure easy access to the information compiled. The basic subscription rate is \$38.00 per volume (3-4 issues or approx. 500 pages); to individuals as well as to departmental libraries of universities and colleges, it is offered at the reduced rate of \$20.00 per volume, provided the main library subscribes to the series on a regular basis. Back issues of Volumes 1 and 2 are still available at the same rates. Order from: Diffusion Information 22447 Lake Road 205 D, Cleveland, Ohio 44116, USA.

SPECTROSCOPY SOCIETY OF CANADA

The 16th Spectroscopy Symposium of Canada sponsored by the Spectroscopy Society of Canada will be held in Montreal, Quebec, Canada, **October 20-23, 1969**. An estimated fifty papers on all phases of spectroscopy will be presented and complemented by exhibits of instrumentation. Papers are now being solicited; for additional information contact: Mr. R. A. Burley, Program Chairman, 16th Spectroscopy Symposium of Canada, Noranda Research Centre, 240 Hymus Boulevard, Pointe Claire, Quebec, Canada.

SURPLUS BOOKS AND JOURNALS

About 500 pounds of books and journals, surplus to my professional library, will be given to an institution, anywhere, that has the greatest need and can pay shipping and customs charges. For further information write William T. Holser, Chevron Oil Field Research Company, Box 446, La Habra, California 90631.

CONFERENCE ON PYROXENES AND AMPHIBOLES

A conference on pyroxenes and amphiboles will be held on **September 8-10, 1969** at the Donaldson Brown Center on the campus of Virginia Polytechnic Institute. A series of papers each morning will be followed by informal discussions in the afternoons. All interested persons are invited. Those wishing to present papers should submit abstracts according to Mineralogical Society of America standards prior to June 10, 1969 to the Program Chairman, Dr. James J. Papike, U. S. Geological Survey, Washington, D. C. 20242. Abstracts of the papers presented will be published in the January-February (1970) issue of the *American Mineralogist*. Arrangements for a number of invited papers have already been made and the majority of these papers will be published as Special Paper Number 2 of the Mineralogical Society of America.

It is anticipated that a short field trip to some Blue Ridge amphibolite localities will be led by Drs. R. V. Dietrich and M. C. Gilbert.

Rooms (\$8.00 single, \$12.00 double occupancy) will be available from September 7 to 11 in the new Donaldson Brown Center. Those planning to attend should write F. D. Bloss, Department of Geological Sciences, Virginia Polytechnic Institute, Blacksburg, Virginia 24061 so that room reservations can be made.

INTERNATIONAL ASSOCIATION OF VOLCANOLOGY AND CHEMISTRY
OF THE EARTH'S INTERIOR

The previously announced symposium on "VOLCANOES AND THEIR ROOTS" will be held **7-13 September 1969** at the Department of Geology and Mineralogy, Oxford, England.

Topics for discussion include: calderas; tectonic and structural controls of magma genesis; plutonic nodules; age and isotope studies applied to problems of volcanology; prediction of volcanic activity and seismic methods for the location of magma chambers; general geophysical aspects of the roots of volcanoes; diamond pipes; economic aspects of volcanology; general papers.

Field Excursions to Mull, Skye and Ardnamurchan before the Symposium and North-ern Ireland and Midland Valley of Scotland after the Symposium.

Copies of the Second Circular are now available from Dr. J. D. Bell, Department of Geology and Mineralogy, Parks Road, Oxford, England.

XXII INTERNATIONAL CONGRESS OF PURE AND APPLIED
CHEMISTRY XII INTERNATIONAL CONFERENCE ON
COORDINATION CHEMISTRY

The Congress and Conference will convene jointly at the University of Sydney, in Sydney, Australia, **August 20-27, 1969**. Plenary lectures of the Congress will include E. U. Franck on *Water and Aqueous Solutions at High Pressures and Temperatures*, D. H. Fuerstenau on *Interfacial Processes in Mineral-Water Systems*, and I. E. Newnham on *Minerals: Prospecting, Processing and Production*. Section lectures will include H. Bloom on *Models for Ionic Melts and their Mixtures—Past, Present and future*, O. J. Kleppa on *Mixtures of Simple Fused Salts*, H. G. Drickamer on *The Chemistry of Iron at High Pressure*, B. Vodar on *Scattered Light and Spectroscopic Studies at High Pressures*, E. Whalley on *Some New Phases of Ice and other Molecular Crystals*, P. L. de Bruyn on *Double Layer Properties of Some Oxide/Aqueous Solution Interfaces*, H. Gerischer on *Charge-Transfer Processes at Oxide/Solution Interfaces*, J. C. Melrose on *Thermodynamics of Solid/Liquid Interfacial Regions*, and B. Rawling on *On-stream Analysis in the Mineral Dressing Industry*. A symposium on *50 years of Valence Theory* will feature C. A. Coulson, R. Daudel, R. S. Mulliken, and J. H. van Vleck. Registration is through the Organizing Committee at Box 2249U, G.P.O., Melbourne, Australia 3001.

INTERNATIONAL ASSOCIATION FOR THE STUDY OF CLAYS (AIPEA)

A four and a half day field trip covering soil formation and geology of the Hawaiian Islands will be held **August 29 to September 2, 1969**. The islands of Hawaii, Maui and Oahu will be visited. The meeting is timed to convenience scientists traveling via Hawaii to the conference in Tokyo of the International Association for the Study of Clays (AIPEA). Other scientists are cordially invited to participate and, if interested, should write to: Dr. H. Ikawa, P. O. Box 7596, Honolulu, Hawaii 96821.

THE CLAY MINERALS SOCIETY

"The Clay Minerals Society will meet at the Inn of the Six Flags, Fort Worth, Texas, on **19 through 22 October 1969**, with a field trip to east Texas on 19 October, papers sessions on 20 through 22 October, and laboratory visits during the afternoon of 21 October. Papers are invited on all aspects of the science and technology of clay minerals. Send titles by 31 July and abstracts by 25 August to Program Chairman, Dr. W. F. Bradley, University of Texas Department of Chemical Engineering, Austin, Texas 78712. Send inquiries to Dr. E. C. Jonas, University of Texas Department of Geology, Austin, Texas 78712. Dr. Jonas and Dr. Arthur J. Ehlmann, TCU Department of Geology, are cochairmen for the meeting."