

NOTICES

Nominations for Awards, Honors, and Elected Officers of MSA

Members of the Society are urged to take an active part in making nominations for the awards of the Society. Nominations with adequate documentation should be sent to the Secretary no later than June 1 for transmittal to the appropriate Committee. The nominator must be a member of the Society; the nominator's name will be withheld from the Committee. The various awards are as follows.

1. The **Roebling Medal** is the highest award of the Mineralogical Society of America for scientific eminence as represented primarily by scientific publication of outstanding original research in mineralogy. The science of mineralogy is defined broadly for purposes of the Roebling Award, and a candidate need not qualify as a mineralogist; rather his published research should be related to the mineralogical sciences and should make some outstanding contribution to them. Service to mineralogy, teaching, and administrative accomplishment are not to be considered as a primary merit for the award. The award is not restricted to Americans. Nationality, personality, age of the candidate, or place of employment shall not be considered.

2. The **Mineralogical Society of America Award** is given in recognition of an outstanding contribution within the fields of interest of the Society. The work for which the award is given must be published in a single paper or series of papers prior to the month in which the candidate's 35th birthday falls. Candidates are limited to persons who shall not have reached the age of 37 before January 1 of the year in which the award is decided upon (1974). The Award shall be made without regard to nationality, personality, or place of employment. Membership in the Mineralogical Society of America or publication in *The American Mineralogist* is not prerequisite.

3. **Fellowship** nominations are invited and forms may be obtained from the Secretary. Three members of the Society must sponsor each nominee.

4. Suggestions for nominations for all offices of the Society are welcome; documentation need not be as extensive as for the awards.

Joan R. Clark, Secretary

Circum-Pacific Energy and Mineral Resources Conference

A Conference on Circum-Pacific Energy and Mineral Resources will be held in Honolulu August 26-30, 1974, sponsored by The American Association of Petroleum Geologists (AAPG), the Committee for Coordination of Joint Prospecting for Mineral Resources in Asian Offshore Areas (CCOP), and the Pacific Science Association (PSA).

Purpose of the conference is to exchange information to aid in the search for energy and mineral resources of the

Circum-Pacific area. The program will include papers, field trips, discussions, and maps.

For information, write Michel T. Halbouty, General Chairman, The Michel T. Halbouty Building, 5111 Westheimer Road, Houston, Texas 77027.

Send papers to Harold M. Lian, Chairman, Technical Program Committee, Union Oil Company of California, P.O. Box 7600, Los Angeles, California 90054.

Short Summer Course in X-Ray Powder Diffraction

A one-week short course in modern X-ray powder diffraction will be offered at the State University of New York at Albany from June 17 to June 21, 1974. The course will be tutorial in nature and will develop the basic theory and practical applications starting from elementary considerations. No previous knowledge or experience are required. Emphasis will be placed on the principles and practice of instrumentation, identification of powder patterns on both qualitative and quantitative basis and practical considerations on the use of the several indices as well

as computer retrieval. Equal time will be devoted to lectures and laboratory-problem solving sessions. A suitable amount of time will be set aside for discussion of individual problems. The registration fee is \$325.00 payable in advance. For further information and to register please communicate with Professor Henry Chessin, State University of New York at Albany, Department of Physics, 1400 Washington Avenue, Albany, New York 12222; or phone (518) 457-8339, 457-8347.

Eighth World Mining Congress and TECNOMIN 74, First World Mining Fair

The Eighth World Mining Congress will be held in Lima, Peru, November 3-12, 1974. This, the first Congress to be held outside Europe, will focus on the mineral resources of Latin America and the technical development of the mining industry.

TECNOMIN 74, the first World Mining Fair, will be held in conjunction with the Congress.

For more information, write to Mr. Guillermo Ferreyros, International Promotion Manager, Pacific International Trade Fair, Apartado (POB), Lima, Peru.

Short Summer Course in X-Ray Spectrometry

A two-week short course in modern X-ray spectrometry will be offered at the State University of New York at Albany from June 3 to June 14, 1974. The course will be instructional and will develop the basic theory and techniques starting from elementary principles. No previous knowledge or experience is required. The first week will cover basic principles and techniques and the second week will continue with further fundamentals and practical applications. Emphasis in the second week will be placed on advanced principles and techniques, absorption-enhancement corrections by mathematical methods, computer auto-

mation of modern X-ray spectrometers and energy-dispersive methods. Equal time will be devoted to lectures and laboratory-problem solving sessions. Registration may be made for one week, either week, at a registration fee of \$325.00 or for the entire two-week session at a registration fee of \$600.00, payable in advance. For further information and to register please communicate with Professor Henry Chessin, State University of New York at Albany, Department of Physics, 1400 Washington Avenue, Albany, New York 12222; or phone (518) 457-8339 457-8347.

Geological Journal, Notice to Subscribers

Beginning in March, 1974, with Volume 9 part 1, the *Geological Journal* will appear twice a year in March and September.

Neither the format nor the nature of the scientific content will be changed. Scientific contents will be controlled by an editorial Board: Dr. G. Newall, Dr. R. M. C. Eagar, Professor W. S. Pitcher, Dr. R. Nicholson, and Dr. R. A.

Roach. Papers should be submitted to Dr. G. Newall, Editor in Chief.

Publishers of the *Journal*, beginning in 1974, will be Seel House Press, Seel Street Liverpool, Liverpool L1 4AY, England. Current and back issues can be ordered from Seel House. Subscriptions are £4.20 or \$12.00 per year.

Petrophysics: The Physics and Chemistry of Minerals and Rocks

Nato Advanced Study Institute, 25-29 March 1974

The purpose of the Institute is to review the application of recent experimental and theoretical work on the physics and chemistry of mineral solids to geophysics and planetary physics. Particular emphasis will be placed on thermal, electrical, and optical properties, solid-state creep and the role of dislocations, and high-pressure studies, including crystal structures and equations of state of high-pressure phases.

We would hope to stress interdisciplinary aspects of the subject, and to look for an exchange of information between theoretical physicists and physical chemists on the one hand, and observational geophysicists and petrologists on the other.

Geophysicists, theoretical physicists, materials scientists, mineralogists, petrologists, geochemists, and others with research interests in these fields are invited to participate in the discussions. For the benefit of non-specialists, each topic will be introduced by a general lecture reviewing the current state of the subject.

The Institute will be held at the School of Physics, The University of Newcastle upon Tyne, between 25-29 March 1974.

Further details and registration forms are obtained from: W. F. Mavor, Administrative Assistant, School of Physics, The University, Newcastle Upon Tyne, NE1 7RU, England.

American Association for Crystal Growth

The recently-formed Western Section of the American Association for Crystal Growth will hold a one-day meeting on Friday 17 May 1974 at the University of San Diego in San Diego, California. Papers are solicited on all aspects of crystallization phenomena and the relationship of prop-

erties to growth parameters. Send titles and abstracts of contributed papers by 15 February 1974 to W. R. Wilcox, SSC 302, University of Southern California, Los Angeles, California 90007. Telephone: (213) 746-6203 or (213) 679-1943.

South African Building Research Congress

The National Building Research Institute of the South African Council for Scientific and Industrial Research is sponsoring the Third South African Building Research Congress 13-17 May, 1974, in City Hall, Durban.

The theme of the Congress is "Research for Better Building." Topics which will receive particular attention are technological forecasting, resources—with emphasis on men, materials, capital, and entrepreneurship—and tech-

nological developments.

Separate sessions will cover: building in practice, trends in building, resources for building, and an international forum on problems facing the building industry. There will also be technical tours, a building exhibition, a festival of building films (with awards for the best films), and a one-day symposium on building regulations. A full program is also planned for delegates' wives.