

## NOTICES

### THE EDWARD H. KRAUS CRYSTALLOGRAPHIC RESEARCH FUND

During 1966 the Council of the Mineralogical Society of America accepted for the Society a gift from Dean and Mrs. Edward H. Kraus to establish the *Edward H. Kraus Crystallographic Research Fund*. The income from the fund (dividends and interest) shall be used for grants to younger scientists, 25 to 35 years of age, in support of research involving crystallography, preferably morphological crystallography. The grants shall be made by the Council of the Society in accord with its established procedure.

In making the gift, Dean Kraus stated:

"Inasmuch as my scientific efforts were in large measure inspired by the early study of morphological crystallography, Mrs. Kraus and I desire to endow within the Mineralogical Society of America a fund for crystallographic research."

The Kraus gift is one of the most important ever made to the Society by an individual. The Society is deeply indebted to Dean and Mrs. Kraus for their generous gift.

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### INTERNATIONAL MINERALOGICAL ASSOCIATION

A special issue of *The Indian Mineralogist*, volume 6 (1965) of 144 pages, designated "International Mineralogical Association Commemoration Volume" was published in 1966. It contains 18 papers presented at the Fourth General Meeting of the Association held in New Delhi, India, December 14-22, 1964. The volume may be obtained from Dr. M. N. Viswanathiah, Secretary and Editor, Mineralogical Society of India, Manasa Gangotri, Mysore, India. Price 15 Rupees.

The Sixth General Meeting of the Association will be held in Prague, Czechoslovakia from August 30 to September 3, 1968, immediately following the International Geological Congress. Details of the scientific program will be publicized at an early date.

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### DENVER X-RAY CONFERENCE ON APPLICATIONS OF X-RAY ANALYSIS

Sponsored By: Metallurgy Division, Denver Research Institute, University of Denver, Denver, Colorado 80210; Chairmen: G. R. Mallett, J. B. Newkirk, H. G. Pfeiffer; 9, 10, 11 August 1967, Denver, Colorado. Papers are invited on fundamental and practical applications of X-ray analysis. Technical emphasis this year is on quantitative chemical analysis by X-ray fluorescence. Titles and abstracts were due April 10, 1967; final manuscripts July 10.

## MINERALOGICAL SOCIETY OF AMERICA SUMMER MEETING 1967

In cooperation with the *Geological Association of Canada*, the *Mineralogical Association of Canada*, and the *Association pour l'étude géologique des zones profondes de l'écorce terrestre*, the Mineralogical Society of America will mark Canada's Centennial Year with a meeting at Queen's University, Kingston, Ontario.

Technical sessions will take place between Thursday, August 31 and Saturday, September 2, with registration on Wednesday evening:

- I Economic Geology
- II Geochemistry and Petrology
- III Mineralogy and Crystallography
- IV Pleistocene Geology
- V Geomorphology and Groundwater Geology
- VI Geophysics
- VII Stratigraphy and Sedimentology
- VIII Symposium: "Age Relations in High-Grade Metamorphic Terrains."

Papers are invited for each of the sessions including the symposium. Authors are asked to submit provisional titles immediately to Dr. L. G. Berry, Convention Chairman, Miller Hall, Queen's University, Kingston, Ontario, Canada. A copy of the First Circular is available from Dr. Berry; abstracts of not more than 250 words will be specifically requested with the Second Circular.

Field trips will run both before and after the meetings. Three short field trips will begin and end in Kingston, dealing severally with the Palaeozoic stratigraphy (No. 3), the Pleistocene geology (No. 5) and the Grenville province (No. 6) near Kingston. A four-day mineralogical trip is planned to Oka and Ste. Hilaire, ending in Montreal at Expo '67 (No. 7). There will be a five-day trip to study nepheline syenite and related rocks in the Haliburton-Bancroft area (No. 2), and a six-day trip (No. 1) concerned with mineralogy and economic geology from Sudbury to Colbalt and Marmora. A twelve-day trip (No. 4) specifically designed as the 11th Annual Meeting of AZOPRO but open to others, will make two complete cross-sections across the Grenville province from Kingston to Sudbury in Ontario, and from north of Mont Laurier to Montreal in Quebec, and will be concerned with tectonics and age relationships in high-grade metamorphic rocks.

## OXFORD ASBESTOS CONFERENCE

The first international conference on the physics, chemistry and geo-chemistry of asbestos minerals will be held at Somerville College, Oxford from 19th to 21st July 1967.

It will bring together over a hundred of the world's leading research scientists in the asbestos field from universities and industrial research laboratories.

Thirty papers, by authors from the UK, USA, Canada, South Africa, Belgium, USSR, Australia and New Zealand, will be presented.

For further information, address Mr. W. P. Howard, Hon. Press Officer, Oxford Conference on Asbestos, 77-79 Fountain Street, Manchester 2, England.

## GEOCHEMICAL PROBLEMS IN EVAPORITE AREAS

The *Fachverband Mineralogie* and the *Sektion Kali* of the *Deutsche Gesellschaft für Geologische Wissenschaften* will jointly sponsor a meeting on this subject at Erfurt, Germany (DDR) on the 15–17 November, 1967. Excursions to the Unstrut and Werra potash deposits will be limited to those professionally concerned with this field of geology. Deadline for titles of contributed papers (not more than 30 minutes in length) was 20 February, but it is suggested that foreign manuscripts might be submitted as late as 15 June, 1967. Address Dr. E. Stolle, Kali-Forschungsinstitut, 54 Sondershausen, Germany (DDR).

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## CLAY MINERALS SOCIETY

The Fourth Annual Meeting of the Clay Minerals Society will be held at the Colorado School of Mines, Golden, Colorado, August 28–31, 1967. A four day program will include half day field trips on the afternoons of August 29 and 31. The technical program will include general sessions, and special sessions in: (a) hydrothermal alteration—field and experimental, (b) hydroxy and organic interlayers in smectites. Guest speakers: Alfred Steiner, New Zealand Geological Survey, "Hydrothermal alteration at Wairakei, New Zealand"; Professor Fedor V. Chukhrov, Mineralogical Department, IGEM, Academy of Science, USSR, "Recent developments in Soviet clay research." Deadline for abstracts of no more than 250 words is April 30.

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## ACTA PHYSICA SINICA

The *Chinese Journal of Physics*, a translation of *Acta Physica Sinica*, published in Peking, will be produced and distributed by the American Institute of Physics commencing with the 1966 issues of the Chinese original.

Supported by a National Science Foundation grant, the English language version of this leading Chinese physics journal is scheduled for monthly publication by the AIP beginning December, 1966. Interested individuals and institutions are invited to subscribe. (\$50 dom., \$54 for.) Orders and inquiries should be sent to the Institute at 335 E. 45th Street, New York, N. Y. 10017.

## COURSE IN MODERN X-RAY SPECTROSCOPY

The State University of New York at Albany will offer a program in modern X-ray spectroscopic research from June 5 to June 10 inclusive. The program will include morning lectures in theory and application of various spectroscopic techniques. Afternoons will be spent working in the laboratory under experienced technical supervision and the laboratory will be open in the evenings for further student use. Fundamental theory and techniques will be stressed throughout the program. Visiting lecturers will provide authoritative sessions in their speciality. No extensive background in X-rays is required. Course fee is \$250.00 and motel accommodations directly adjacent to the university campus will be arranged. Further information can be obtained from Professor Henry Chessin, Physics Department, State University of New York at Albany, 1223 Western Avenue, Albany, New York 12203.

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## METEORITICAL SOCIETY

The 30th Annual Meeting of the Meteoritical Society will be held at the National Aeronautics and Space Administration's Ames Research Center, Moffett Field, California (40 miles south of San Francisco), October 25-27, 1967. The meeting is open to papers covering all aspects of meteoritics and, for the first time, astrogeology in the broadest sense. It is planned to have sessions devoted to special topics; namely, mineral chemistry of meteorites, impact structures and cratering, tektites and impactites. Submissions of papers on these topics is particularly encouraged. One afternoon will be devoted to visits of the Ames Research Center's experimental facilities engaged in research on meteorites and related subjects. Abstracts of 300-400 words should be submitted no later than August 1, 1967, to: Dr. Klaus Keil, N-204-3, Space Sciences Division, National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California 94035—USA.

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## INTERNATIONAL CONFERENCE ON VACUUM METALLURGY

The Vacuum Metallurgy Division of AVS in co-sponsorship with the Institute of Metals Division of TMS-AIME announces its Tenth Annual Conference on Vacuum Metallurgy. In recognition of the tenth anniversary of the series of conferences, it is considered timely

that the 1967 Conference be international in scope with the theme, "The Past Ten Years and the Next Five Years in Vacuum Metallurgy."

In order to present to participants and others in this technical area comprehensive and up-to-date coverage of the notable advances in vacuum metallurgy over the past ten years, the Conference Program will be comprised of *both invited review papers and contributed papers*.

An open invitation and call for papers is extended to individuals and organizations in all areas of vacuum metallurgy, to submit papers for this portion of the program. Potential contributors please send information including title, author(s), and a substantial synopsis to the Conference Program Chairman:

E. L. Foster, Jr.  
Battelle Memorial Institute  
505 King Avenue  
Columbus, Ohio 43201

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#### SOVIET PHYSICS—SEMICONDUCTORS

Soviet Physics—Semiconductors, a new cover-to-cover translation of the USSR Academy of Sciences' Fizika i Tekhnika Poluprovodnikov (Physics and Technics of Semiconductors), will offer original papers, brief communications and letters on semiconductor theory, transfer phenomena, high-frequency and resonance phenomena, nonequilibrium processes, plasma problems, radiation effects, physics of *p-n* junctions, optics and magneto-optics of semiconductors and other current problems of semiconductor physics and semiconductor devices. To be published monthly starting July, 1967 by the American Institute of Physics, it is expected to contain translation of some 1900 Russian pages annually. Scientists and engineers doing solid state research are invited to subscribe by writing Dept. AP, American Institute of Physics, 335 East 45th Street, N.Y.C., N.Y. 10017. The annual subscription rate is \$70 domestic, \$74 foreign.

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#### FOURTEENTH NATIONAL VACUUM SYMPOSIUM

The American Vacuum Society will hold its Fourteenth Annual Symposium at the Muehlebach Hotel in Kansas City, Missouri on 25, 26 and 27 October 1967. The Thin Film Division of the Society will hold its annual symposium on 24 October preceding the general

meeting. Papers involving high vacuum and its application are invited. Informative abstracts of not more than 150 words should be submitted in triplicate to the Program Committee Chairman: Professor E. E. Donaldson, Department of Physics, Washington State University, Pullman, Washington 99163. The deadline for abstracts of papers is 1 July 1967.

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Peter Zodac, a Life Fellow of the Mineralogical Society of America, and Editor of *Rocks and Minerals*, passed away on January 27, 1967.