



## MINERALOGICAL SOCIETY OF AMERICA

1909 K STREET, N.W. WASHINGTON, D.C. 20006 202-331-0383

September, 1977

TO ALL MEMBERS OF THE MINERALOGICAL SOCIETY OF AMERICA:

On page four of the newsletter you will find a summary sheet of the MSA sessions and functions of interest during the 1977 annual meeting of the Geological Society of America (November 7 to 9 inclusive, Seattle, Washington). Our short course, MINERALOGY AND GEOLOGY OF NATURAL ZEOLITES, which will be held from November 4 to 6 at the University Tower Hotel, Seattle, will include lectures on the occurrence, identification, crystal chemistry, structure, and industrial applications of zeolites. This short course will also feature a field trip to nearby zeolite localities plus a laboratory/workshop on identifying zeolites by x-ray diffraction, by petrographic methods, and by scanning electron microscope as well as in hand specimens by field tests. Enrollment will be limited to approximately 75 participants. To reserve your place, please fill out the form found at the bottom of page two and send it with your check to the convener, Fred A. Mumpton.

Speaking of short courses, any member is free to discuss the possibility of organizing one with the Chairman of our Short Course Committee, currently Jim Papike of Stony Brook. Although our Short Courses have thus far dealt with mineral groups, petrologic subjects would be equally welcome. After our Short Course Committee decides favorably upon a short course proposal by a potential organizer and convener, their recommendation is discussed and acted upon by our Council. Our Council will also consider proposals for symposia on subjects of interest to our members. Proposals for such symposia should be submitted to our Secretary, Larry Finger.

Have you received notification of the \$1500 grant being offered by the Edward H. Kraus Crystallographic Research Fund being administered by the Society? By terms of the will of Dean Kraus, who was long our Honorary President and a vital force in the Society, the grant may be used to defray expenses for research in crystallography, preferably that with mineralogic significance. Applicants must be no less than 25 and no more than 35 years old, but need not be members of the Society. Application forms are available from the Business Office at the letterhead address. The deadline for receipt of applications is September 30, 1977. The name of the person selected will be announced at our annual business meeting in Seattle (10:15-10:45 a.m., November 8).

Our Society owes a debt of gratitude to Dick Dietrich (Department of Geology, Central Michigan University, Mount Pleasant, Michigan 48859) who enabled the Society to fulfill its responsibilities to Mineralogical Abstracts by graciously accepting, at short notice, the post as Organizer of Abstracts for U. S. publications. With characteristic vigor, Dick has obtained the services of many new abstractors to contribute abstracts of papers published in the U. S. on subjects relevant to Mineralogical Abstracts. These many new hands have lightened the load. However, Dick tells me that our coverage of abstracts "is less than desired" for: (1) The Mineralogical Record; (2) The Annual Reports of the Geophysical Laboratory; and

(3) U. S. Bureau of Mines publications. We also need better coverage on the following states: Illinois, Kansas, Massachusetts, Nebraska, New Jersey, New York, Oregon, Washington, and Wyoming. I do hope that many of you will be willing to serve our Society, which is a co-publisher of Mineralogical Abstracts, by writing to Dick and volunteering your services.

The Eleventh General Meeting of the International Mineralogical Association will be held in Novosibirsk, U.S.S.R. between 3 and 11 September 1978. Sessions will be held on the following topics: (1) High-pressure minerals; (2) Typomorphic minerals; (3) Inhomogeneities in minerals; (4) Rock-forming minerals; (5) Gemstones; (6) Sulfosalts and platinum minerals; (7) Electron probe microanalysis in mineralogy; and (8) Mineralogic criteria for the connection between acid magmatism and ore mineralization. Correspondence with the Soviet Organizing Committee, prior to issuance of the first circular, should be sent to: Dr. N. V. Sololev, Jr., Institute of Geology and Geophysics, 630090 Novosibirsk-90, U.S.S.R. In the U. S. further information on the 1978 IMA Meeting and on group travel arrangements may be obtained from Professor C. T. Prewitt (MSA Representative to IMA), Department of Earth and Space Sciences, State University of New York, Stony Brook, N. Y. 11794.

By 915 to 27, the membership approved the new husband-and-wife membership whereby the second membership, at a reduced rate, does not include receipt of The American Mineralogist. All other privileges of membership are included, however, including the right to subscribe at bargain rates to Journal of Petrology (\$30.00 per year) and to Mineralogical Abstracts (\$15.00 per year) by sending checks payable to MSA marked "For J. Petr. and/or Min. Abstr", to our Business Office.

As I prepare to hand the gavel over to our incoming President, Peter Wyllie, I invite each of you to put forward any suggestions you have for improving our Society. These can be made by letter or during our Society's Annual Business Meeting at 10:15 a.m. on November 8 in Seattle. I apologize in advance for the title of the Presidential Address, "The spindle stage: a turning point for optical crystallography". I am not one to shun a pun, and in this case, succumbed once again. Seriously, however, I do hope to show how, with simple methods and equipment plus appropriate computer programs, mineralogists and petrologists can determine more accurate optical constants for minerals (even for wavelengths beyond the visible).

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SHORT COURSE APPLICATION FORM

Name: \_\_\_\_\_ Affiliation: \_\_\_\_\_

Address: \_\_\_\_\_  
                     street                                            city                                            state                                            zip

Fee Enclosed

( ) MSA-member \$87.50      ( ) Non-member \$107.50      ( ) Full-time student \$57.50

This fee includes the published short-course notes, two catered luncheons, and bus transportation plus box lunch on the field trip. Mail the check made out to "MSA Short Course" and this application to: F. A. Mumpton, Convener  
 Department of Earth Sciences  
 State University College  
 Brockport, N. Y. 14420

My thanks to those of you who gave me the opportunity to serve as your President. For their help, I am especially grateful to my fellow officers including our councilors and to those who have served on our committees, particularly the chairmen. I hope you have all had a good summer, and I look forward to seeing you in Seattle.

Sincerely,

A handwritten signature in cursive script that reads "Don Bloss". The signature is written in dark ink and is centered on the page.

Don Bloss  
President

DB/bk

MSA SESSIONS AT THE 1977 GSA MEETING, SEATTLE, WASHINGTON

All Technical Sessions held at the Seattle Center

Day	Morning	Afternoon	Evening
Sunday, November 6	1100-1700: Opening Registration; Seattle Center	1400-2200: 1977 MSA Council Meeting; East Room, Washington Plaza Hotel	1800-2100: Welcome Party; Grand Ballroom, Olympic Hotel
Monday, November 7	0815-1145: Experimental Petrology; Rainier Room	1300-1645: Tectonics, and Igneous Petrology I; Rainier Room	
Tuesday, November 8	0700-0900: Past President's Breakfast, Queens Room, Olympic Hotel	1200-1400: MSA Luncheon; Regents Room, Olympic Hotel	1800-1900: GSA Cocktail Party Spanish Ballroom, Olympic Hotel
	0800-1000: Mineralogy I-Bonding and Studies at High P or T; Rainier Room	1330-1645: Igneous Petrology II; Rainier Room	1915-2045: GSA Annual Dinner and Awards; Grand Ballroom, Olympic Hotel
	1015-1045: MSA Business Meeting; Rainier Room		2115-2200: GSA Presidential Address; Grand Ballroom, Olympic Hotel
	1045-1145: MSA Presidential Address; Rainer Room; <u>Donald Bloss</u> , "The Spindle Stage: A Turning Point for Optical Crystallography"		
Wednesday, November 9	0700-0900: <u>The American Mineralogist</u> Breakfast; Queens Room, Olympic Hotel	1300-1645: Metamorphic Petrology; Rainier Room	
	0800-1145: Igneous Petrology III; Rainier Room	1300-1645: Mineralogy II-General; Nisqually Room	
		1630-2100: 1978 MSA Council Meeting; East Room, Washington Plaza Hotel	