

# IMA-IAGOD MEETINGS '70

FIRST CIRCULAR  
NOVEMBER, 1968

INTERNATIONAL MINERALOGICAL  
ASSOCIATION

SEVENTH GENERAL MEETING

INTERNATIONAL ASSOCIATION  
ON THE GENESIS OF ORE DEPOSITS

TOKYO-KYOTO MEETING

TOKYO & KYOTO, JAPAN

28 AUGUST-2 SEPTEMBER, 1970

SCIENCE COUNCIL OF JAPAN  
INTERNATIONAL MINERALOGICAL ASSOCIATION  
INTERNATIONAL ASSOCIATION ON THE GENESIS OF ORE DEPOSITS

## **IMA-IAGOD MEETINGS '70**

**INTERNATIONAL MINERALOGICAL  
ASSOCIATION**

**SEVENTH GENERAL MEETING**

**INTERNATIONAL ASSOCIATION  
ON THE GENESIS OF ORE DEPOSITS**

**TOKYO-KYOTO MEETING**

**TOKYO & KYOTO, JAPAN  
28 AUGUST - 2 SEPTEMBER, 1970**

### **INTRODUCTION**

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.

These two Meetings will be placed under the control of the "Organizing Committee for IMA-IAGOD MEETINGS '70", and arrangements are being made for a joint symposium on a subject of mutual interest.

The general plan of the Meetings is described in the following. Some modifications may occur before issue in June 1969 of the Second Circular.

### **PROVISIONAL TIME TABLE AND PROGRAMMES**

Detailed time tables and programmes for all events will be given in the final programme. The provisional outline given in the table below is published to help participants to plan their contribution to the scientific sessions and travel to and from Japan.

	Date		IMA Sessions	IAGOD Sessions	
	Aug. 24 (Mon.) Aug. 27 (Thur.)		Pre-Conference Excursions A1-A8		
Tokyo Sessions	Aug. 28 (Fri.)	A. M.	Council Meeting Commission Meetings	Commission Meetings	
			Opening Ceremony		
			Business Meeting	General Assembly	
		P. M.	Commission Meetings including open discussions	<b>Symposium B:</b> Ore deposits as related to geologic structure and tectonics	
	Eve.	Reception			
	Aug. 29 (Sat.)	A. M.	P. M.	<b>Symposium A:</b> Mechanism of growth and phase transition of minerals	<b>Symposium C:</b> Stratabound sulphide ore deposits
Eve.		Meeting on Ore Microscopy			
Kyoto Sessions	Aug. 30 (Sun.)	A. M.	Free		
		P. M.	Travel to Kyoto		
		Eve.	Free		
	Aug. 31 (Mon.)	A. M.	<b>Joint Symposium</b> Geochemistry and crystallography of sulphide minerals in hydrothermal deposits (Including topics on isotope geochemistry, ore- forming fluid, geothermometry, texture and structure of ores, crystal growth, crystal structures, etc.)		
		P. M.			
		Eve.	Free		
Sept. 1 (Tues.)	A. M.	<b>Open Session I</b>	<b>Session III*</b>		
	P. M.	Sight-Seeing Tours			
	Eve.	Banquet			
Sept. 2 (Wed.)	A. M.	<b>Open Session II</b>	<b>Session IV*</b>		
	P. M.	Business Meeting	General Assembly		
		Closing Ceremony			
	Eve.	Free			
	Sept. 3 (Thur.) Sept. 6 (Sun.)		Post-Conference Excursions B1-B8		

\* Sessions III and IV will deal with scientific meetings of Commissions and Working Groups.

## TRAVEL

As the Meetings will take place during the period of the "International Exposition '70" at Senri near Osaka, Japan, the Organizing Committee recommends participants to book their ticket well in advance. For overseas participants group flights, perhaps one from Europe and another from the USA, are now being planned.

The Japan Travel Bureau (Convention Section), Marunouchi 1-1, Chiyoda-ku, Tokyo 100, Japan, has been appointed as the official travel agency to arrange accommodation and travel in Japan associated with the Meetings.

The present railway fare from Tokyo to Kyoto by super-express (in three hours) is approximately \$18.60 for the first class and \$9.20 for the second class.

## ACCOMMODATION

Rooms are available in hotels in Tokyo. The present prices for rooms per day are approximately as follows:

	Single (with bath except C)	Double (with bath) per person
A	\$ 13	\$ 9
B	\$ 9	\$ 6
C	\$ 5	—

Participants can have rooms in Kyoto in hotels. The price ranges are as follows:

Single (with bath)	Double (with bath) per person
over \$9	under \$9

Detailed information about accommodation will be given in the Second Circular.

## CONTRIBUTIONS

Abstracts of papers for the Symposia and the Open Sessions should be submitted to the Programme Committee not later than **31 December 1969**. Detailed information will be offered in the Second Circular.



## PROCEEDINGS

Proceedings will be published as a special issue of Mineralogical Journal, the official organ of the Mineralogical Society of Japan, for the IMA Meeting, and as a special publication by the Society of Mining Geologists of Japan for the IAGOD Meeting, the part on the Joint Symposium being included in both.

## EXCURSIONS

Excursions of eight courses, each for four days except A8 below, prior to the opening of the Meetings, and those of eight courses, each for four days, after the close of the Meetings are now being planned as in the following where objects of inspection, minerals to be collected and approximate costs are indicated. The place to be visited on each excursion will be found in an outline map at the end of this booklet.

### Pre-Conference Excursions (24-27 August)

Course A1 (for 30 persons): Tertiary hydrothermal Zn-Pb veins at the Toyoha mine and Au-Ag veins at the Chitose mine; Showa-shinzan, a newly born volcano, and hot springs at Noboribetsu. Large crystals of anorthite. \$180.

Course A2 (for 30 persons): Pyrometasomatic Fe-Cu deposits at the Kamaishi mine; contact metamorphosed manganese deposits at the Noda-Tamagawa mine. Manganese minerals including yoshimuraite. \$70.

Course A3 and A4 (for 60 persons in two parties): "Kuroko" (black ore) deposits at the Kosaka mine and others; Towada-Hakkoda volcanoes. \$80.

Course A5 (for 30 persons): Largest sulphur deposit in Japan at the Matsuo mine; geothermal area and power plants at the Matsukawa hot-spring; Hachimantai volcano. Hokutolite (Pb-bearing barite). \$70.

Course A6 (for 30 persons): Bentonite deposit at the Hojun mine; Asama volcano and the Volcanological Observatory.

Zeolites. \$ 80.

Course **A7** (for 20 persons): Metamorphic rocks of Miocene submarine pyroclastics and Pliocene sediments in the Tanzawa Mountains; Hakone volcanoes. \$ 80.

Course **A8** (24-26 August; for 20 persons): Pyrometasomatic Fe-Cu-Pb-Zn deposits at the Chichibu mine; Sanbagawa metamorphic rocks at Nagatoro. Sulphides, sulphosalts, and skarn minerals. \$ 60.

#### **Post-Conference Excursions** (3-6 September)

Course **B1** (for 30 persons): Pyrometasomatic Pb-Zn deposits at Kamioka mine; bedded manganese ore deposits in Paleozoic formations at the Hamayokokawa mine. Manganese minerals. \$ 110.

Course **B2** (for 30 persons): Pyrophyllite deposits at the Shokozan mine. Clinoptilolite and other zeolite crystals. \$ 150.

Course **B3** (for 30 persons): Pyrophyllite deposits at the Mitsuishi mine; uranium deposits at the Ningyotoge mine. Uranium minerals including ningyoite and zeolite crystals. \$ 140.

Course **B4** (for 30 persons): Xenothermal Cu-Pb-Zn-Sn-W veins at the Akenobe mine; uranium deposits at the Ningyotoge mine. Uranium minerals including ningyoite. \$ 140.

Course **B5** (for 60 persons in two parties): Cupriferous pyrite deposits (Kieslager) at the Besshi mine; Sanbagawa metamorphic rocks. \$ 150.

Course **B6** (for 30 persons): Pyrophyllite deposits at the Goto mine. Japanese twin of quartz. \$ 170.

Course **B7** (for 30 persons): Mineralogical collection by the late Prof. Ko at Kyushu University; Aso active volcano; geothermal area and power plants at Otake; Kuju sulphur deposits; Beppu Hakudo mine. Opaline silica. \$ 190.

Course **B8** (for 30 persons): Sakurajima active volcano; Au-Ag veins at the Kushikino mine. \$ 170.

The Organizing Committee reserves the right to cancel any excursion for which there will be an insufficient number of participants. More concrete plans will be announced in the Second Circular.

#### **PROGRAMME FOR LADIES**

Arrangements will be made on an informal basis for visits to points of interest in Tokyo and Kyoto to suit to the wishes of visiting ladies.

#### **REGISTRATION**

The registration fee for the Meetings is \$20 for active members and \$10 for accompanying members. The railway fare from Tokyo to Kyoto, the Banquet fee and the cost of the Proceedings are not included in the registration fee. Applications for registration will be requested after issue of the Second Circular.

#### **ENQUIRIES**

All scientists wishing to receive a copy of the Second Circular are urged to complete and return the attached form as soon as possible. Further copies of this Circular may be obtained from the Secretary of the Organizing Committee for IMA-IAGOD MEETINGS '70. General enquiries and correspondence on the Meetings should be addressed also to the Secretary, viz.

Dr. I. Sunagawa,  
Geological Survey of Japan,  
8 Kawada-cho,  
Shinjuku-ku, Tokyo 162, Japan.

Enquiries on the programmes for the Symposia and the Open Sessions should be sent to the Chairman of the Programme Committee,  
Professor R. Sadanaga,  
Mineralogical Institute,  
Faculty of Science,  
University of Tokyo,  
Hongo, Tokyo 113, Japan.



IMA-IAGOD MEETINGS '70

TOKYO & KYOTO, 28 AUGUST-2 SEPTEMBER 1970

(Please complete in BLOCK LETTERS and delete what is not appropriate)

FULL NAME (Prof., Dr., Mr., Mrs., Miss)

.....

FAMILY NAME LAST

FULL ADDRESS.....

.....

I am interested in the Meetings and would like to receive the Second Circular.

Please note the following preferences:—

1. I  $\frac{\text{do}}{\text{do not}}$  expect to be able to attend.
2. My main interest is  $\frac{\text{IMA Sessions}}{\text{IAGOD Sessions}}$
3. I  $\frac{\text{do}}{\text{do not}}$  expect to subscribe for the Proceedings of the  $\frac{\text{IMA Meeting}}{\text{IAGOD Meeting}}$
4. I  $\frac{\text{do}}{\text{do not}}$  plan to present a scientific paper.
5. I  $\frac{\text{do}}{\text{do not}}$  expect to be accompanied by (a) non-active member(s).
6. I would prefer accommodation in \_\_\_\_\_ in Tokyo  
and in a  $\frac{\text{single}}{\text{double}}$  room in Kyoto.
7. I  $\frac{\text{am}}{\text{am not}}$  interested in a group flight.
8. I wish to participate in excursions:

Pre-Conference: .....

Post-Conference: .....

(Please fill in by the notations, such as A2 and B6. You may mention several for each in the order of your preference)

Signed .....

Please complete and mail this form in the enclosed envelope so as to be received not later than 31 March 1969 to Dr. I. Sunagawa, Geological Survey of Japan, 8 Kawada-cho, Shinjuku-ku, Tokyo 162, Japan.

Insert your name and address on labels A and B and return them with this form.

(Please do not detach)

.....



Outline Map of Japan Showing the Places to be visited  
on Excursions A1-A8 and B1-B8

