

## THE CENTENNIAL CELEBRATIONS OF THE JAPAN ACADEMY

The Japan Academy celebrated its centenary with a series of commemorative events from January 17 to January 20, 1979. The formal Celebration Ceremony took place in the presence of His Majesty the Emperor in the Academy Hall on Thursday, January 18 at 11:00 a.m. Members of the Academy, representatives of 27 foreign academies and of similar organizations as well as many other guests participated in it.

The function was opened with an address by Dr. K. WADATI, the President, in which he gave a recollection of the 100 year history of the Academy and expressed the hope for further development of its academic activity.

Imperial words were then given by His Majesty. This was followed by congratulatory addresses by Mr. M. OHIRA, Prime Minister, Mr. Y. NAITO, Minister of Education, Dr. K. HUSIMI, President of the Science Council of Japan, and by Prof. J. HARMATTA, President of the International Academic Union (UAI).

The function was closed at 12:15 p.m.

The following events took place also in connection with the celebration.

*Wednesday, January 17, 14:00–16:00*

The President received congratulatory greetings and messages from the foreign academies through their respective representatives in the reception room of the Academy.

*Thursday, January 18, 12:30–14:00*

A buffet party was given in the dining hall of the Academy in honor of those who attended the Ceremony.

*Thursday, January 18, 16:00–17:00*

The representatives of foreign academies and of UAI as well as the Honorary Members of the Academy visited the Imperial Palace where they were given the honor of audience with the Emperor.

*Friday, January 19, 14:00–16:00*

A buffet party was given in the dining hall of the Academy with those who have had close connections in various ways with the Academy as the guests.

*Saturday, January 20, 19:00–21:00*

A farewell party was given by the President at the Imperial Hotel in honor of the representatives of foreign academies and the Honorary Members of the Academy.

Besides these official functions, optional visits and trips were arranged to an art gallery, a cha no yu (tea ceremony) school, the National Theatre and the seaside resort of Kamakura.

Eight public lectures were given by the Members of the Academy in the auditorium of the Science Council of Japan on January 19 and 20.

Throughout the period of celebrations, historical documents, pictures, maps, scientific instruments owned by the Academy and its numerous publications were put on display for the public, in Academy rooms.

## PROCEEDING AT THE 726TH GENERAL MEETING

The 726th General Meeting of the Academy was held on Tuesday February 13, 1979 at 1:00 p.m., Dr. Hiromi ARISAWA, Secretary General, taking the chair. Eighty-nine members were present, and the following communications were made:

- Some remarks on the "proof of existence of God" . . . . . Juichi KATSURA, M. J. A.
- Tsar Alexander III and the Otsu Affair . . . Ryoichi TAOKA, M. J. A.
- Population analysis of the DNA content in adenocarcinoma cells by means of flow micro-fluorometry . . . . . Iwao NISHIYA and Yoshiaki ISHIZAKI
- A cytogenetic assessment on the origin of the gold-fish . . . . . Yoshio OJIMA, Takayoshi UEDA, and Toshitaka NARIKAWA
- Chromosomal studies on interspecific hybrids of butterflies (Papilionidae, Lepidoptera). XIII. Crosses among *Papilio memnon*, *P. lowi*, *P. rumanzovia*, *P. polymnestor*, *P. polytes* and *P. hipponous*. . . . . Kodo MAEKI and Shigeru A. AE
- Above three, communicated by Sajiro MAKINO, M. J. A.
- On the microlocal structure of the regular prehomogeneous vector space associated with  $SL(5) \times GL(4)$ . I . . . . . Ikuzō OZEKI
- On weak evolution operators with constant coefficients and spreading of wave packets . . . . . Kimimasa NISHIWADA
- A remark on convergence of nonlinear semigroups . . . . . Yoshikazu KOBAYASHI
- Limit circle type criteria for nonlinear differential equations . . . . . John R. GRAEF
- Above four, communicated by Kōsaku YOSIDA, M. J. A.
- Heterogeneity of acetylcholine receptor molecules on the surface of clonal muscle cells . . . . . Hiroyuki SUGIYAMA
- Communicated by Yasuji KATSUKI, M. J. A.
- Enzymatic microdetermination method for galactocerebrosidase (EC 3.2.1.46) in tissue samples . . Takahiko KATO and Yoshiyuki SUZUKI
- Communicated by Teizo OGAWA, M. J. A.
- Studies on bilirubin metabolism. I. Separation and identification of the isomers of biliverdin-IX and biliverdin-IX dimethyl ester by means of high-performance liquid chromatography . . . . . Tokio YAMAGUCHI, Nobuko YAMAGUCHI, Hiroshi NAKAJIMA, Yasuo KOMODA, and Masayuki ISHIKAWA
- Studies on bilirubin metabolism. II. Separation and determination of the isomers of bilirubin-IX by means of high-performance liquid chromatography . . . . . Tokio YAMAGUCHI, Nobuko YAMAGUCHI, Hiroshi NAKAJIMA, Yasuo KOMODA, and Masayuki ISHIKAWA
- Studies on bilirubin metabolism. III. Separation and determination of bilirubin-IX conjugates from biological specimens by means of high-performance liquid chromatography—Demonstration of a new bilirubin conjugate "C" and its biological significance . . . . . Tokio YAMAGUCHI, Nobuko YAMAGUCHI, Hiroshi NAKAJIMA, Yasuo KOMODA, and Masayuki ISHIKAWA

- Studies on bilirubin metabolism. IV. Deficient excretion of the bilirubin conjugate "C" into the bile of congenital non-hemolytic hyperbilirubinemia including Dubin-Johnson, Rotor, and Gilbert's syndrome . . . . . Tokio YAMAGUCHI, Nobuko YAMAGUCHI, Hiroshi NAKAJIMA, Toshifumi KONDO, Kazuo KUCHIBA, Masayuki YAMAOKA, Ryunosuke MIYAZAKI, Keikichi MITSUNAGA, and Hironao MOMOI  
 Above four, communicated by Kenji YAMAOKA, M. J. A.
- X-ray determination of electron-density distributions in oxides, MgO, MnO, CoO, and NiO, and atomic scattering factors of their constituent atoms . . . . . Satoshi SASAKI, Kiyoshi FUJINO, and Yoshio TAKÉUCHI  
 Communicated by Seitarô TSUBOI, M. J. A.
- Duality theorems for symmetric differential forms . . . Shigeru IITAKA  
 Non-immersion and non-embedding theorems for complex Grassmann manifolds . . . . . Tamio SUGAWARA  
 Piecewise linear Dehn's lemma in 4-dimensions . . . . . Sadayoshi KOJIMA  
 Above three, communicated by Kunihiko KODAIRA, M. J. A.
- Deflection of the vertical at Tokyo . . . . . Chuji TSUBOI, M. J. A.

After a recess during which the members present met in their respective Sections, the General Meeting was resumed for business transactions.

First, the Secretary-General introduced to the Meeting a new member, Dr. Setsuro EBASHI.

Next, the Secretary-General announced that Dr. E. C. STAKMAN, Honorary Member, had died on January 23, 1979 and Dr. Yusuke HAGIHARA, M. J. A., on January 29, 1979. The Members rose from their seats in silence, expressing profound sense of grief.

Then, Dr. Siro KIYOMIYA, M. J. A., paid a high tribute to the late Dr. Matasuke KAWAMURA's meritorious services to the academic circles.

After that, the Chairmen of both Sections made reports on the matters dealt with at the Sectional Meetings.

Then, the appointment of Dr. Tatsuro YAMAMOTO, M. J. A., as delegate to the 53rd Session of the International Academic Union to be held in Berne in June this year, was approved.

Finally, the Secretary-General, announced that the Centennial Celebrations of the Japan Academy had finished successfully and made a report on the activities of the Academy in 1978.

The Meeting adjourned at 4:07 p.m.

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