
First announcement (October 12, 2013)

Takebe Conference 2014

Traditional Mathematics of East Asia and Related Topics,

August 25 - 30, 2014, Ochanomizu University, Tokyo

1. Aim and background

In the occasion of the 350th anniversary of Takebe Katahiro (1664 – 1739), an international conference on traditional mathematics in East Asia and related topics will be organized in his honor. The Takebe Conference 2014 will be one of the satellite conferences of the Seoul ICM 2014 (<http://www.icm2014.org/>).

Seki Takakazu (ca 1642 – 1708) and Takebe Katahiro are two most distinguished Japanese mathematicians of the Edo period (1603 – 1868). In 2008 Professor Komatsu Hikosaburo organized the International Conference on the History of Mathematics in Commemoration of the 300th Posthumous Anniversary of Seki Takakazu, August 25 – 31, 2008, at the Tokyo University of Science. (See the “Seki, Founder of Modern Mathematics in Japan”, Springer, 2013). The Takebe Conference 2014 will follow the Seki conference 2008.

2. Main themes

At the Takebe Conference 2014 we shall examine recent trends and achievements in the history of traditional mathematics in East Asia. Topics include, but are not limited to, the following themes:

- 1) Mathematics of the “Seki school”, especially of Takebe Katahiro.
- 2) Traditional mathematics in East Asia (China, Japan, Korea, etc. in alphabetical order.)
- 3) Traditional mathematics vs. Western mathematics in East Asia.

3. Activities during the Takebe Conference 2014

During the Takebe Conference 2014 there will be

- 1) Plenary lectures by invited speakers,

- 2) Parallel sessions of short oral presentations,
- 3) City excursion to sites related with Takebe Katahiro,
- 4) Conference reception.

4. Invited speakers

Breard, Andrea (France); Chemla, Karine (France); Feng, Lisheng (China); Guo, Shirong (China); Hong, Sungsa (Korea); Horiuchi, Annick (France); Ji, Zhigang (China); Kim, Dohan (Korea); Kim, Young Wook (Korea); Knobloch, Eberland (Germany); Kobayashi, Tatsuhiko (Japan); Komatsu, Hikosaburo (Japan); Li, Wenlin (China); Majima, Hideyuki (Japan); Martzloff, Jean-Claude (France); Ying, Jia-Ming (Taiwan); Morimoto, Mitsuo (Japan); Mumford, David (USA); Ogawa, Tsukane (Japan); Osada, Naoki (Japan); Qu, Anjing (China); Sarina (China); Sasaki, Chikara (Japan); Ueno, Kenji (Japan); Xu, Zelin (China);

A few more lecturers are being invited. (October 11, 2013)

5. Time and venue

The Takebe Conference 2014 will be held from Monday, August 25 to Saturday, August 30, 2014, at Ochanomizu University, Tokyo Japan (<http://www.ocha.ac.jp/>).

The schedule will be roughly as follows:

Mon, Aug 25: Registration day; International Organizing Committee in the evening.

Tue, Aug 26: Opening ceremonies followed by plenary lectures and parallel sessions; conference reception in the evening.

Wed, Aug 27: Plenary lectures and parallel sessions in the morning; city excursion in the afternoon.

Thu, Aug 28 and Fri, Aug 29: Plenary lectures and parallel sessions.

Sat, Aug 30: Plenary lectures in the morning; closing ceremonies at noon.

6. Official language

The official language of the conference is English and all the presentation will be given in English, in general. The conference materials (i. e., abstracts) should be in English.

If a presenter prefers to talk in his language (Chinese, Japanese, or Korean), he/she should prepare OHP material (Power Point document) in English. The proceedings accept only articles in English.

7. Registration

Those who are interested in the traditional mathematics in East Asia are cordially invited to this conference. Participants are encouraged to give a short oral presentation on his/her expertise. Due of the application for short oral presentation is May 31, 2014. Please submit the application form with English abstract by May 31, 2014.

Early registration fee (before May 31, 2014): ¥15,000,

Late registration fee (after June 1, 2014): ¥20,000.

Please send the registration fee to the following bank account:

SWIFT CODE : HYKGGPJT

A/C Type : 01

BRANCH NO. : 202

A/C NO. : 468720

NAME : Takebe Conference 2014

8. Organization

- International Organizing Committee (IOC):

Honorary Chair: Komatsu, Hikosaburo (Professor Emeritus, University of Tokyo, Japan)

Chair: Morimoto, Mitsuo (Seki Kowa Institute of Mathematics, Yokkaichi, Japan)

Members: Chemla, Karine (SPHERE-REHSEIS, CNRS & University Paris Diderot, Paris, France);

Hong, Sungsa (Sogang University, Seoul, Korea);

Kim, Dohan (Seoul National University, Seoul, Korea);

Kobayashi, Tatsuhiko (Seki Kowa Institute of Mathematics, Yokkaichi, Japan);

Knobloch, Eberhard (Technical University of Berlin & BBAW, Berlin, Germany);

Li, Wenlin (Chinese Academy of Sciences, AMSS, Beijing, China);

Majima, Hideyuki (Ochanomizu University, Tokyo, Japan);

Ogawa, Tsukane (Yokkaichi University, Yokkaichi, Japan);

Ueno, Kenji (Seki Kowa Institute of Mathematics, Yokkaichi, Japan).

- Domestic Organizing Committee (DOC):

Chair: Majima, Hideyuki

Members: Kobayashi, Tatsuhiko; Morimoto, Mitsuo; Ogawa, Tsukane; Ueno, Kenji.

9. Supporting Organizations

Mathematical Society of Japan (MSJ), Yokkaichi University, as of October 11, 2013.

10. Proceedings

The Proceedings of the Takebe Conference 2014 will be published from the Mathematical Society of Japan as one of Advanced Studies in Pure Mathematics (ASPM). The chief editor will be Professor Tsukane OGAWA. The registered participant will receive a free copy.

11. Accommodation and Travel

For accommodation during your stay in Tokyo, participants are requested to book a room by themselves. We suggest the Toyoko-Inn, Tokyo Korakuen Bunkyoakyakusho Mae, which is situated in the vicinity of the conference site and provides you with a clean and safe accommodation with reasonable price (about 7500 yen for a single room per night). We refer you the hotel web page

<http://www.toyoko-inn.com/hotel/0081/index.html>

You can find there English, Chinese, Japanese and Korean pages.

N.B. You can book a room at the hotel 3 months before your stay (May 25, 2014).

The closest subway station of the hotel is Korakuen Station on Marunouchi Subway Line, while the closest subway station of Ochanomizu University (conference site) is Myogadani Station on the same subway line. See the university web page.

<http://www.ocha.ac.jp/index.html>

Public transportation (for example, subway) is very convenient for travel within Tokyo. The distance between the conference site and the hotel is just one ride of Marunouchi Subway Line. There are two air ports in Tokyo, Narita and Haneda, which are both connected to the hotel by public transformation. Please refer the web page of the hotel.

12. Web site and Contact

At the web site of the Takebe Conference 2014

<http://takebe2014.seki-kowa.org/>

you can find the registration form and the contact form, which you can use to make a contact with the conference organizer.