

First Circular:

International Conference on the History of Modern Mathematics

11 ~ 17 August 2010 Xi'an, CHINA

Organized by

Department of mathematics,

Northwest University

(Qu Anjing, qaj@nwu.edu.cn)

In Association with

REHSEIS (SPHERE)

CNRS & University Paris Diderot

IASCUD Commission of the DHST

I. Organization

Scientific Committee

* Tom Archibald (Simon Fraser University, Vancouver, Canada)

* June Barrow-Green (Open University, London, UK)

* Karine Chemla (REHSEIS—SPHERE, CNRS & University Paris Diderot, Paris, France)

* Leo Corry (Cohn Institute, Tel Aviv, Israel)

* Joe Dauben (City University of New York, USA)

* Jose Ferreiros (University of Sevilla, Sevilla, Spain)

* Jeremy Gray (Open University, London, UK)

* Tinne Hoff Kjeldsen (Roskilde University, Copenhagen, Denmark)

* Eberhard Knobloch (TU Berlin, Germany)

- * Li Wenlin (Institute of mathematics, Academy of science, Beijing, China)
- * Karen Parshall (University of Virginia, Charlottesville, US)
- * Ted Porter (UCLA, Los Angeles, US)
- * Qu Anjing (Northwest University, Xi'an, China)
- * David Rowe (Mainz University, Mainz, Germany)
- * Reinhard Siegmund-Schultze (University of Agder, Kristiansand, Norway)
- * Ueno Kenji (Seki Kowa Institute of Mathematics, Yokkaichi University, Japan)

Local Organizing Committee
(to be announced)

II. Program

1. Plenary Lectures

Most members of the scientific committee will give plenary lectures. In addition, some invited lectures will be announced later

2. Scientific Sessions of Contributed Papers

Parallel sessions will be organized on specific topics from 4:40 pm to 6:30 each day.

3. One day sight-seeing

4. Language: English

5. Tentative Schedule

August 11, arrival, registration, getting together

August 12—16, scientific program

August 17, sightseeing

6. Topic

Cultures and elements of practices in mathematics, 1800-1930

The topic of “mathematical practice” or of “professional cultures in mathematics” is one that has become quite active in contemporary research and arouses interest from historians as well as philosophers of mathematics.

This is thus a topic that is particularly appropriate to bring together historians and philosophers of mathematics, which is one of the aims of the conference.

The conference aims to address the issues of “practice” and “professional cultures” for history of mathematics between 1800 and 1930.

One of its goals is to understand how these concepts can help us better understand mathematics during this long century. Conversely, the question will be raised of how our understanding of these concepts can be improved if we are to use them to approach the history of mathematics during this time span.

The conference will invite participants to approach these issues with a breadth so far unprecedented.

First, in addition to suggesting to approach the 19th century from the point of view of professional cultures and practices, we shall invite contributions that bear on mathematics considered globally, that is with contributions dealing with Europe, the United states, China, Japan, the Arab world, India, and so on.

Another specificity is that, in relation to the topic chosen, we would like to invite contributions that will not only focus on mathematics as an academic discipline, but also deal with mathematical practices and cultures outside the academia.

In addition, we would like to include, within our scope, the history of disciplines such as history and philosophy of mathematics. Within which context did they develop? Which ties did they have with the various mathematical cultures and practices? In which ways is it important to take them into account to deal with the topic envisioned?

Finally, we shall invite present-day working mathematicians to share with us how they approach the motley of mathematical practices today.

We are deeply convinced that the better understanding of modern mathematical activity that such an approach can yield will be helpful for mathematics education at all levels.

III. Practicalities

1. Registration

1 Registration Fees (Registration covers the book of abstracts, all the conference sessions, including the banquet and all meals. It does not cover accommodation)

Before April 30, 2010

USD\$150

Students/accompanying: USD\$90

After April 30, 2010

USD\$200

Students/accompanying: USD\$120

1 Modalities of payment, to be announced later

2. Accommodation

Rooms will be available on campus or near the campus for prices ranging between 30 \$ and 50 \$ per night. Precise information will be given in the second circular.

3. Title and Abstract

1 Please send title of your talk to yuanmin@nwu.edu.cn, before 15 March 2010.

1 We expect that you send the abstract of your paper by email to yuanmin@nwu.edu.cn, before 30 May 2010. We accept *.doc and *.txt files.